GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

**CCM HANDOUT**
**8/6/2024**
**Item III-A**
**Revised Full Item**

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | |
|---|---|---|---|
| **CHANGE ORDER NO. 01** | **AMOUNT $ (46,539.76)** | **Extension Of Time (Subst.):** | **58 Days** |
| | | **Extension Of Time (Final):** | **0 Days** |

| | | |
|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-497 Taxiways G & H Rehabilitation – Phase1 | DATE: 8/06/2024 |
| CONTRACTOR: | Hubbard Construction Company | |
| A/E: | AECOM Technical Services, Inc | |

DESCRIPTION OF CHANGE TO CONTRACT:

**ITEM #1: Revise concrete pavement from large scale demolition to selective removal (Base Bid)**

a. Decrease Base Bid Pay Item P-101-5.1 (Concrete Pavement Removal) by 19,500 SY at the contract unit price of $60.00/SY, from 19,500 SY to 0 SY. **DEDUCT: ($1,170,000.00)**
b. Establish new Pay Item P-101-5.1A (Selective Concrete Pavement Removal) consisting of 5,000 SY at the negotiated unit price of $98.00/SY **ADD: $490,000.00**

**ITEM #2: Provide steel reinforcement of isolated concrete panel replacement (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install steel reinforcement for isolated concrete panel replacement located along Taxiway H1. Establish a new Pay Item P-501-8.3 (Concrete Pavement Reinforcement) providing 560 SY at the unit price of $232.92/SY. **ADD: $130,435.20.**

**ITEM #3: Provide FAA Unidirectional Runway Status Light, Red (Base Bid)**

a. Provide labor, materials and equipment to furnish and install L-852S FAA Unidirectional Runway Status Light, Red. Establish new Base Bid Pay Item L-125-19 (L-852S FAA Unidirectional Runway Status Light, Red) providing 2 EA at the negotiated unit price of $1,975.58/EA. **ADD $3,951.16.**

**ITEM #4: Provide Light Can Protection During Panel Demolition (Base Bid)**

a. Provide labor, materials and equipment to furnish and install L-868 (Protection During Panel Demolition). Establish new Pay Item L-125-20 (L868 Protection During Panel Demolition) providing 1 LS at the negotiated unit price of $4,329.77/LS. **ADD $4,329.77.**

**ITEM #5: Provide Closure for Runway 17R/35L during new Phase 3B (Base Bid)**

a. Provide labor, materials, and equipment to complete closure of Runway 17L/35R for added work items in Phase 3B. Establish new lump sum pay item C-106-1(Phase 3B) providing 1 LS at the price of $57,756.30/LS. **ADD $57,756.30.**

**ITEM #6: Provide Modification for Drainage Structure S-2 (Base Bid)**

a. Original bid item: 430-536-102. Decrease Base Bid Pay Item by 1 at the contract unit price of $17,077.94/EA, from 2 to 1. **DEDUCT ($17,077.94).**
b. Provide labor, materials, and equipment to furnish and install Structure S-2. Establish new Pay Item D-751-5.2A (Inlet Boxes, Special (Aircraft Rated)(Structure S-2)) providing 1 EA at the unit price of $62,630.34/EA. **ADD $62,630.34.**

**ITEM #7: Provide Modification for Drainage Structure S-8 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install Structure S-8. Establish new Base Bid Pay Item D-751-5.2A (Inlet Boxes, Special, Large (Aircraft Rated) (Structure S-8)) providing 1 EA at the unit price of $89,744.31. **ADD $89,744.31.**

**ITEM #8: Provide Modification for Drainage Structure S-12aa1 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install Structure S-12aa1. Establish new Base Bid Pay Item 425-2-71 (Manholes/Junction Boxes, J-7 <10', S-12aa1 Modifications) providing 1 EA at the contract unit price of $36,698.67/EA. **ADD $36,698.67.**

**ITEM #9: Provide Modification for Drainage Structure S-13bb (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install Structure S-13bb. Establish new Base Bid Pay Item 425-1551 (Inlets, Ditch Bottom Type E, Less than 10') providing 1 EA at the contract unit price of $7,686.52EA. **ADD $7,686.52**.

**ITEM #10: Provide Modification for Drainage Structure S-14 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install Structure S-14. Establish new Base Bid Pay Item D-751-5.1A (Manholes/Junction Boxes, Special, Recessed Top (Aircraft Rated) (Structure S-14 Modifications)) providing 1 EA at the unit price of $117,358.32/EA. **ADD $117,358.32.**

**ITEM #11: Provide Modification for Drainage Structure S-15 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install Structure S-15. Establish new Base Bid Pay Item D-751-5.2A (Inlet Boxes, Special, Large (Aircraft Rated) (Structure S-15 Modifications)) providing 1 EA at the unit price of $74,784.70. **ADD $74,784.70.**

**ITEM #12: Provide Modification for Drainage Structure S-16 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install structure S-16. Establish new Base Bid Pay Item D-751-5.2A (Inlet Boxes, Special, (Aircraft Rated) (Structure S-16 Modifications)) providing 1 EA at the unit price of $30,031.45/EA. **ADD $30,031.45.**

**ITEM #13: Provide Modification for Drainage Structure S-17 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install structure S-17. Establish new Base Bid Pay Item D-751-5.2A (Inlet Boxes, Special, (Aircraft Rated) (Structure S-17)) providing 1 EA at the unit price of $30,136.03/EA. **ADD $30,136.03.**

**ITEM #14: Provide Mitered End Section for Drainage Structure S-20 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install 18" Class V Reinforced concrete pipe mitered end section. Establish a new Base Bid Pay Item 430-982-625 (MITERED END SECTION, OPTIONAL – ELLIPTICAL/ARCH, 18" CD) providing 1 EA at the unit price of $4,649.95/EA. **ADD: $4,649.95**.

**ITEM #15: Provide Modification for Drainage Structure S-23 (Base Bid)**

a. Provide labor, materials, and equipment to furnish and install structure S-23. Establish new Pay Item D-751-5.2A (Manholes, Special Large (Aircraft Rated) (Structure S-23)) providing 1 EA at the unit price of $93,520.89/EA. **ADD $93,520.89.**

**ITEM #16: Interim Quantity Adjustments** (see attached quantity adjustment spreadsheet): **DEDUCT: ($93,175.43)**

**ITEM #17: Increase Contract Time for Substantial Completion** by **58 calendar days**, from 315 calendar days to 373 calendar days, resulting from changes requested by FAA.

**TOTAL COST: $(46,539.76)**

*(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)*

REASON FOR CHANGE:

**Items 1, 3-4, and 6-17**: **Unforeseen Condition**: The originally proposed project work for BP-497 generally consists of the following: Rehabilitate the aged pavement, markings, lighting, and signage; Modify the pavement geometry to meet current regulatory criteria; Drainage infrastructure improvement required by the updated pavement geometry; Eliminating the direct access from Airsides 2 and 4 to Runway 17R-35L. After the approval to award the contract, the FAA Air Traffic Control Tower (ATCT) expressed concerns about the scope of the project. Their specific worry was that the elimination of portions of TWY H1, TWY H2, and TWY H3 would limit the ability of the controllers to move aircraft efficiently during congested times or when conditions were unfavorable. These concerns were escalated both at GOAA and FAA culminating in a meeting held on December 7, 2023.

Based on the outcome of the meeting, GOAA has provided direction to AECOM to revise the BP-497 project design to reflect these changes. The changes were made under Bulletin No. 01 and are summarized as follows

*Geometric modifications at Taxiways H1, H2, and H3 have resulted in changes to the demolition plans, point elevation plans, plan and profiles, geometry plans, paving plans, typical sections and details, taxiway cross section plans, grading plans, drainage plans, drainage structure details, underdrain plans, drainage pipe desilting and CCTV inspection plans, marking plans and details, phasing and barricade plans, and safety and security notes and details.*

*The electrical sheets have been modified to reflect these geometric changes. The change to the electrical sheets includes: lighting layout, signage layout, sign panel messages, circuiting, junction can plaza, duct bank, and the ALCMS graphic. Also, for the increase in isolated slab replacements, additional light replacements are required. New light fixture types have been added to the legend sheet, technical specifications, pay items, and quantities. A modifier description has also been added to explain the scope of work for the Runway Status Lights affected.*

*An additional Fourteen (14) isolated slabs between the Taxiway H1 hold bar and Runway 17R-35L have been added for replacement. Drainage structure modifications have been added to this ESI #1 to reflect the changes from RFI's #2 and #3.*

*Changes in quantities are reflected in the plan sheet revisions.*

After some deliberation, FAA provided further direction that the portions of Taxiways H1, H2, and H3 in question should not be updated to the current project. Based on this direction, GOAA directed AECOM to update the project design to reflect the change. The changes were provided to the Contractor in Bulletin No. 02 which made the following revisions: *Geometric modifications have been made at Taxiways H1, H2, and H3 have resulted in plan sheet revisions to account for the changed scope of work to eliminate the geometric modifications at Taxiways H1, H2, and H3.*

**Items 2 and 5**: **Unforeseen Condition**: After the bid and award of the project damage has progressed on the concrete pavement on TWY H1 at Runway 17R/35L such that significant repairs are required. These items provide for better reinforcement for the replacement panels as well as the required runway closure to safely accommodate the construction.

| | |
|---|---|
| SOURCE OF FUNDS: | Previously approved Federal Aviation Administration Funds, Florida Department of Transportation Funds, Capital Expenditure Funds, and General Airport Revenue Bonds |

Is above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN:

| | | |
|---|---|---|
| Previously Presented Bulletin(s): | Bulletins 1 & 2 | (Copy Attached) |
| Previously Approved Field Change Order(s): | N/A | (Copy Attached) |

| | | | |
|---|---|---|---|
| Contractor's Original RCO Submission | $ (867,630.97) | | |
| GOAA/OAR Estimate | $ (60,181.95) | | |
| (a) Change Contract Amount By | | **$** | **(46,539.76)** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | $ | 158,237 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | $ | **0.00** |
| (d) Total Cost Impact of this Change (d = a + b + c) | | **$** | **111,697.24** |
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | Omissions | $ | **0.00** |
| | Errors | $ | **0.00** |
| PREPARED BY: Ben Brown | | PHONE: | 4155 |

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e., Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 7/24/2024 | 8/05/2024 | ZTG | |

Greater Orlando Aviation Authority

# BP-497 Change Order 1 Dates and Negotiations

The originally proposed project work for BP-497 generally consists of the following: Rehabilitate the aged pavement, markings, lighting, and signage; Modify the pavement geometry to meet current regulatory criteria; Drainage infrastructure improvement required by the updated pavement geometry; Eliminating the direct access from Airsides 2 and 4 to Runway 17R-35L. After the approval to award the contract, the FAA Air Traffic Control Tower (ATCT) expressed concerns about the scope of the project. Their specific worry was that the elimination of portions of TWY H1, TWY H2, and TWY H3 would limit the ability of the controllers to move aircraft efficiently during congested times or when conditions were unfavorable. These concerns were escalated both at GOAA and FAA culminating in a meeting held on December 7, 2023.

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*specifications, pay items, and quantities. A modifier description has also been added to explain the scope of work for the Runway Status Lights affected.*

*An additional Fourteen (14) isolated slabs between the Taxiway H1 hold bar and Runway 17R-35L have been added for replacement. Drainage structure modifications have been added to this ESI #1 to reflect the changes from RFI's #2 and #3.*

*Changes in quantities are reflected in the plan sheet revisions.*

After some deliberation, FAA provided further direction that the portions of Taxiways H1, H2, and H3 in question should not be updated to the current project. Based on this direction, GOAA directed AECOM to update the project design to reflect the change. The changes were provided to the Contractor in Bulletin No. 02 which made the following revisions: *Geometric modifications have been made at Taxiways H1, H2, and H3 have resulted in plan sheet revisions to account for the changed scope of work to eliminate the geometric modifications at Taxiways H1, H2, and H3.*

The original bid package was divided into four schedules (Base Bid, Additive Alternative No. 01, Additive Alternative No. 02, and Additive Alternative No. 03) to best use the available funds. All four schedules were supported by the same funding with no distinctions made across the project beyond the bid strategy. The boundaries of the different bid schedules do not correlate exactly with the project phasing. This disconnect creates the opportunity for administrative and clerical errors. The above reference bulletin affected almost all the plan sheets. The four schedules of value have been consolidated to facilitate the development of the quantity revisions created by the design changes. A single schedule of values will be more efficiently documented, reviewed, and built.

Important Dates:

11/17/2023 Contract Execution Date – Contract Value $32,1749,042.64

10/30/2023 AECOM provided estimated cost for the two options being considered by FAA

1. Option #1 – Leave Taxiways H1, H2, and H3 intact with no improvements at the locations – Estimated total project Cost $29,969,927.37
2. Option #2 – Make improvements to Taxiways H1, H2, and H3, so that the taxiways meet the current FAA standards – Estimate total project cost $33,606,626.92

12/07/2023 Meeting with FAA to determine changes to the project layout

12/20/2023 NTP for contract (60 days procurement phase to begin)

1/17/2024 Bulletin No. 01 issued

3/6/2024 Draft Pricing for Bulletin No. 01 issued by Hubbard. Total project cost of $34,285,671.43

3/9/2024 FAA provided supplemental information to GOAA requiring design revisions under Bulletin No. 02

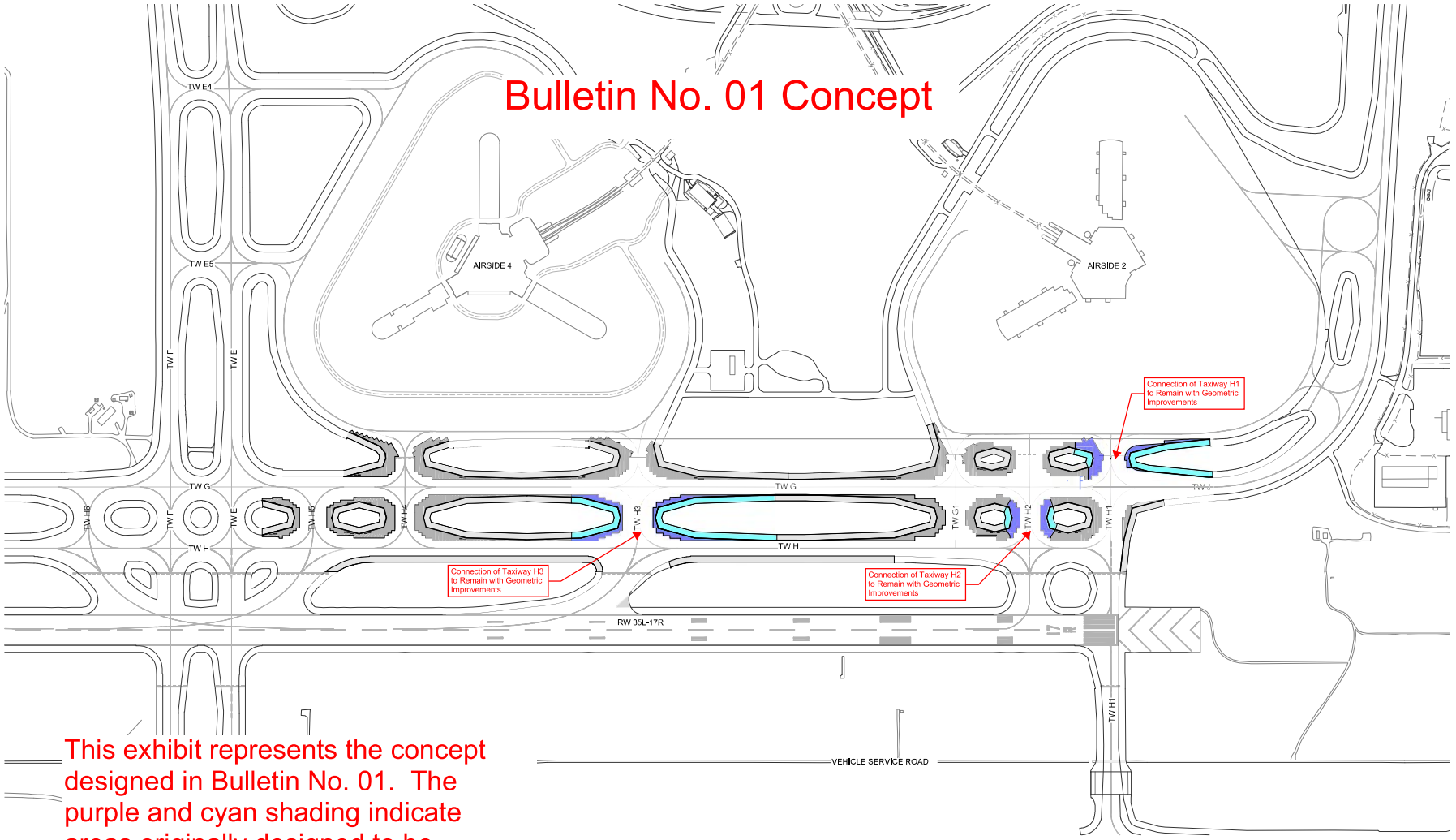
3/24/2024 AECOM/ OAR/ Contractor meeting to review Bulletin No.02 Content

5/17/2024 OAR and Contractor meet to review consolidation of schedules of value and confirm that existing pay items will cover the proposed work with limited exceptions.

5/17/2024 Contractor pricing submittal supports overall contract value of approximately $31,390,000

5/20/2024 Contractor accepts OAR proposal for overall consolidated schedule of values at $31,311,411.67

# Bulletin No. 01 Concept




This exhibit represents the concept designed in Bulletin No. 01. The purple and cyan shading indicate areas originally designed to be demolished which will now require full strength pavement widening to be compliant with FAA geometric standards. This was the concept originally requested by FAA.

**LEGEND**

- PROPOSED FULL STRENGTH TAXIWAY GEOMETRY
- PROPOSED TAXIWAY SHOULDER GEOMETRY
- PROPOSED PORTLAND CONCRETE CEMENT
- PROPOSED ASPHALT PAVEMENT
- PROPOSED TAXIWAY CONNECTOR FULL STRENGTH PAVEMENT
- PROPOSED TAXIWAY CONNECTOR SHOULDER PAVEMENT

200' 100' 0 200' 400'
GRAPHIC SCALE

N

GREATER ORLANDO AVIATION AUTHORITY

BP-497

TAXIWAYS G & H REHABILITATION - PHASE 1

ORLANDO INTERNATIONAL AIRPORT


AECOM

AECOM TECHNICAL SERVICES, INC.

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

CLINT JAMES MARTIN
FL. P.E. NO. 82740


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| | | |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | AA |
| CHECKED BY: | AK |
| ISSUE DATE: | 11/30/2023 |
| DRAWING SCALE: | AS NOTED |

DRAWING TITLE:

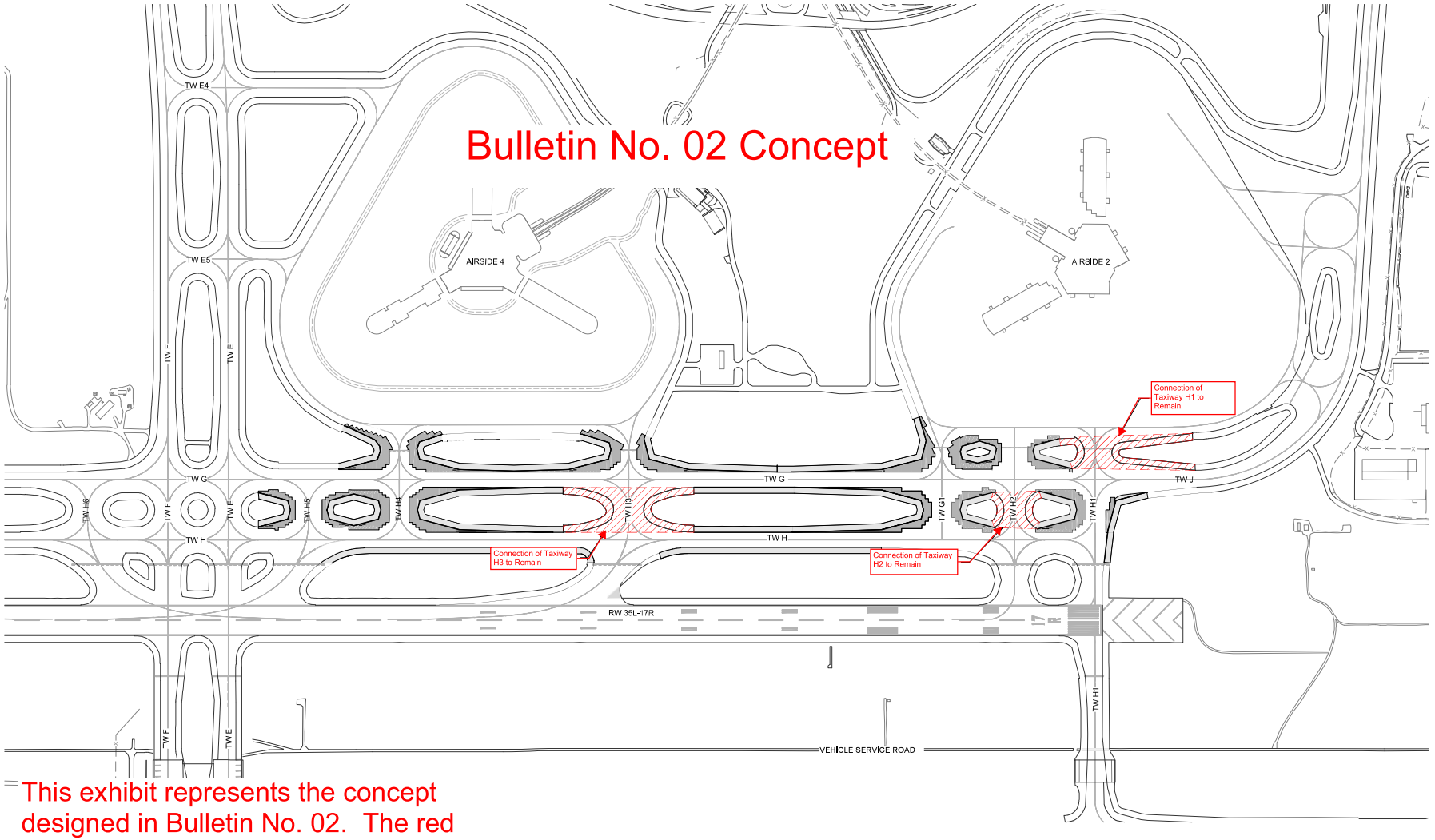
**BP-497 TW G & H OPTION 02 EXHIBIT**

DRAWING NO.

**02**


Date: Nov 30, 2023 - Time: 5:59 pm - Plotted By: AJubicani
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# Bulletin No. 02 Concept




This exhibit represents the concept designed in Bulletin No. 02. The red hashed areas indicate limits originally designed to be demolished. The pavement will now be left in place but not improved to meet the current standards. This was the concept eventually adopted by FAA.

**LEGEND**

- PROPOSED FULL STRENGTH TAXIWAY GEOMETRY
- PROPOSED TAXIWAY SHOULDER GEOMETRY
- EXISTING TAXIWAY CONNECTOR TO REMAIN
- PROPOSED PORTLAND CONCRETE CEMENT
- PROPOSED ASPHALT PAVEMENT

200' 100' 0 200' 400'
GRAPHIC SCALE

N

GREATER ORLANDO AVIATION AUTHORITY

BP-497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


AECOM

**AECOM TECHNICAL SERVICES, INC.**

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

CLINT JAMES MARTIN
FL. P.E. NO. 82740


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| | | |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | AA |
| CHECKED BY: | AK |
| ISSUE DATE: | 11/30/2023 |
| DRAWING SCALE: | AS NOTED |

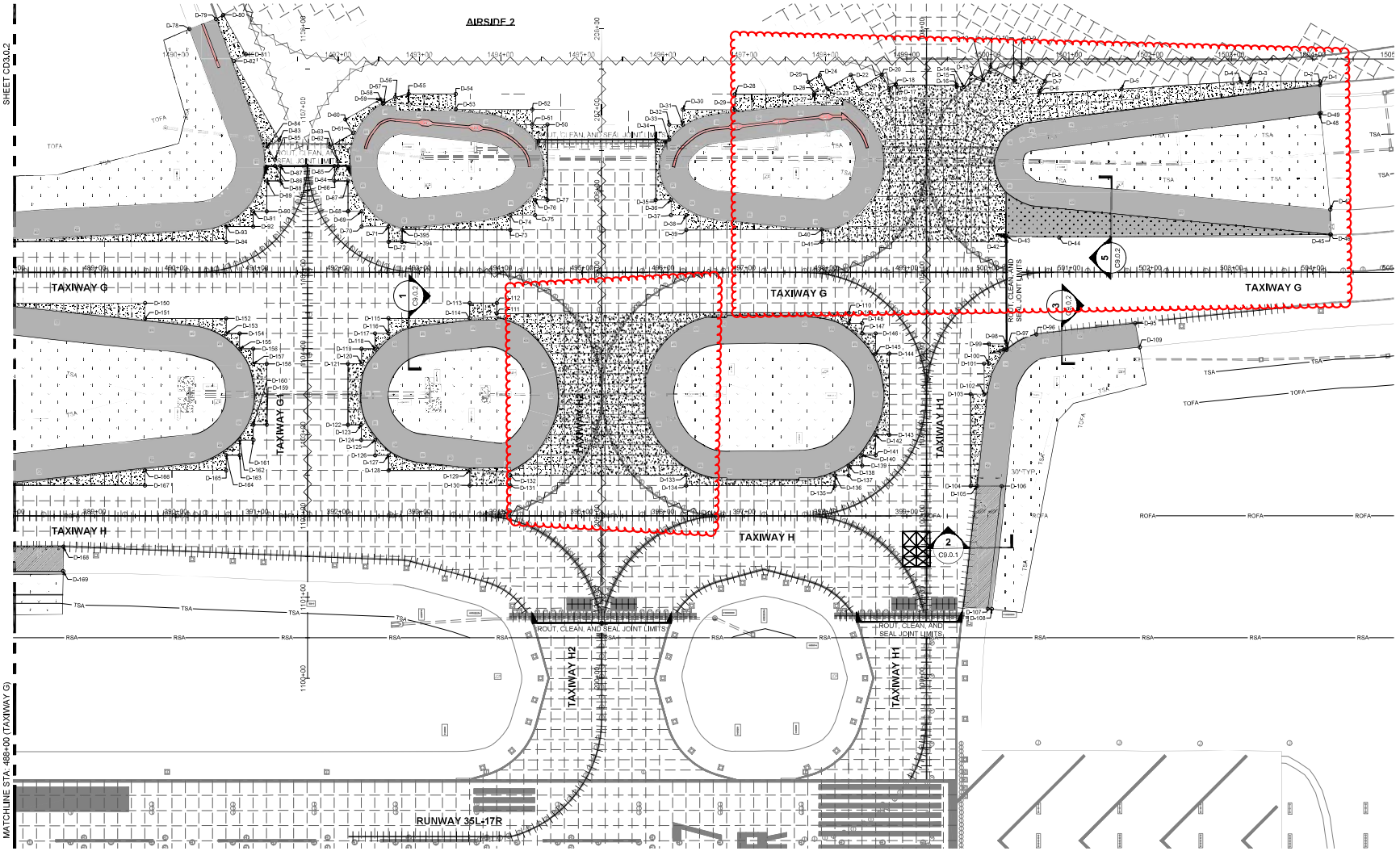
DRAWING TITLE:

**BP-497 TW G & H OPTION 01 EXHIBIT**

DRAWING NO.

**01**


Date: Nov 30, 2023 – Time: 6:59 pm – Plotted By: AAubzami
File: J:\Projects\60691183 Asst 1 DS for W-432 TW G&H Rehab\600-CAD_GIS\01-CAD - BP-497\01-SHEETS\BP-497 TW G & H Option 1.dwg




## GENERAL DEMOLITION NOTES:

1. THE LIMITS OF DEMOLITION SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT IN THE FIELD AS APPROVED BY THE OAR.
2. THE DEMOLITION PLANS SHOW THE DEMOLITION WORK, WHICH SHALL BE PHASED AS SHOWN IN THE C60 SERIES.
3. THE CONTRACTOR SHALL PROTECT THE EXISTING FEATURES AND UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING FEATURES SHALL BE REPORTED TO THE OAR. THE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL SAW CUT THE EDGES AT ALL PAVEMENT TIE-INS AS WELL AS LONGITUDINAL AND TRANSVERSE JOINTS.
5. ALL PROJECT GENERATED ASPHALT MILLINGS SHALL BE STOCKPILED AT THE LOCATION SHOWN ON C2.0.2 AND WILL REMAIN PROPERTY OF THE AIRPORT. ALL HAULING COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID AND PAID FOR UNDER THE EXISTING PAY ITEMS.
6. IN ALL COLD MILLING AREAS IDENTIFIED ON THE PLANS THE CONTRACTOR SHALL MILL THE ASPHALT IN A MANNER TO NOT MIX LIME ROCK OR OTHER MATERIALS INTO THE MILLINGS TO BE STOCKPILED.
7. ALL NON-ASPHALT MILLINGS WILL BECOME PROPERTY OF THE CONTRACTOR AND DISPOSED OF OFF AIRPORT PROPERTY
8. THE AIRPORT RETAINS THE RIGHT TO CHANGE THE MILLINGS STOCKPILE LOCATION TO ANOTHER LOCATION ON AIRPORT PROPERTY AT NO EXPENSE TO THE OWNER.
9. THE TRANSPORT AND DISPOSAL OF ALL REMOVED MATERIALS OFF-SITE SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED PAY ITEMS.
10. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE FLOW PATTERNS AT PRE-CONSTRUCTION LEVELS. WATER SHALL NOT BE ALLOWED TO ACCUMULATE IN EXCAVATIONS, OR ON THE BASE AND SURFACE OF PAVEMENT SURFACES. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE FACILITIES SUCH AS PUMPS, PIPES AND OTHER NECESSARY FACILITIES TO PROTECT THE SITE AND MAINTAIN DRAINAGE SYSTEM CONVEYANCE CAPACITY, AND FLOW PATTERNS. THE TEMPORARY DRAINAGE FACILITIES SHALL BE PROVIDED UNTIL THE END OF THE PROJECT AND SHALL BE INCIDENTAL TO PAY ITEM C-102-1.
11. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION AND SILTATION FENCES AS REQUIRED ON C15 SHEETS FOR THE ENTIRE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL FIELD LOCATE ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION.
13. ALL EXCAVATIONS SHALL BE PAID UNDER PAY ITEM P-152-4.1, UNCLASSIFIED EXCAVATION.
14. THE LOCATION AND RESULTS OF CORES AND BORINGS TAKEN THROUGHOUT THE PROJECT SITE CAN BE SEEN ON SHEETS C3.0.4 THRU C3.0.6.
15. THE CONTRACTOR SHALL REFER TO THE ELECTRICAL DEMOLITION PLAN SHEETS FOR ADDITIONAL ELECTRICAL DETAILS. REFER TO ED2 SERIES SHEETS, ELECTRICAL DEMOLITION SHEETS. PRIOR TO STARTING ANY PAVEMENT DEMOLITION, PAVEMENT AND ELECTRICAL DEMOLITION SHALL BE COORDINATED AND COMPLETED SIMULTANEOUSLY.
16. THE CONTRACTOR SHALL REFER TO THE DRAINAGE PLAN SHEETS FOR DRAINAGE STRUCTURE DEMOLITION AND MODIFICATION DETAILS. REFER TO C15 SERIES SHEETS, DRAINAGE PLANS. PRIOR TO STARTING ANY PAVEMENT DEMOLITION, ALL DEMOLITION WORK SHALL BE COORDINATED AND COMPLETED SIMULTANEOUSLY.
17. ALL PAVEMENT MARKINGS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION P-620. PAVEMENT MARKING REMOVAL WILL NOT BE PAID FOR WHERE ASPHALT PAVEMENT REMOVAL, COLD MILLING, OR CONCRETE PAVEMENT REMOVAL OCCURS.
18. DAMAGE TO EXISTING PAVEMENT MARKINGS NOT DESIGNATED TO BE REMOVED OR IMPACTED, SHALL BE RE-MARKED AT NO COST TO THE OWNER.
19. THE CONTRACTOR SHALL ROUT AND CLEAN ALL EXISTING JOINTS WITHIN THE PROJECT LIMITS, INCLUDING ASPHALT TO CONCRETE JOINTS, AND AS DIRECTED BY THE OAR. ALL JOINT ROUTING, CLEANING, AND SEALING SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION P-605.
20. SEE C7 SERIES SHEETS, GEOMETRY PLAN SHEETS, FOR PROPOSED GEOMETRY AND POINT AND CURVE TABLES.
21. SEE C8 SERIES SHEETS, PAVING PLANS, FOR SPALL AND CRACKED SLAB REPAIRS.
22. DEMOLITION POINTS SHOWN ON THE DEMOLITION PLANS ARE ONLY SHOWN IF THEY DIFFER FROM POINTS PROVIDED ON C7 SERIES SHEETS, GEOMETRY PLANS.
23. SEE SHEET CD3.0.9 FOR DEMOLITION POINT TABLES.
24. GRADING LIMITS ARE SUBJECT TO CHANGE, BASED ON DIRECTION OF THE OAR.
25. IN AREAS OF CONCRETE PAVEMENT REMOVAL, THE CONTRACTOR SHALL ASSUME THAT EXISTING IRREGULAR SHAPED SLABS CONTAIN STEEL REINFORCEMENT, ANY COSTS ASSOCIATED WITH THE REMOVAL OF ANY CONCRETE PAVEMENT, WHETHER OR NOT THE SLABS ARE STEEL REINFORCED, IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE PAY ITEM P-101-5.1.
26. REMOVAL OF CONCRETE THAT CONTAINS A THICKENED EDGE ALONG THE EXISTING ISOLATION JOINTS WILL BE REQUIRED. THE ISOLATION JOINTS ARE EXPECTED TO TO BE 24" IN THICKNESS ALONG THE THICKENED EDGE. CONCRETE PAVEMENT REMOVAL WILL BE PAID BY SQUARE YARD, REGARDLESS OF THE THICKNESS ENCOUNTERED.
27. WORK APPROACHING THE SURFACE PAINTED HOLD POSITION ON TAXIWAY H2 AND H3 WILL REQUIRE A RUNWAY CLOSURE FOR VEHICLES AND EQUIPMENT LARGER THAN A PICKUP TRUCK. THESE CLOSURES SHALL BE COORDINATED WITH THE OAR AND AIRFIELD OPERATIONS AND IN CONJUNCTIONS WITH THE REGULAR MAINTENANCE CLOSURES.

### LEGEND

- EXISTING ASPHALT SHOULDER PAVEMENT TO BE REMOVED
- EXISTING ASPHALT FULL STRENGTH TAXIWAY PAVEMENT TO BE REMOVED
- EXISTING ASPHALT PAVEMENT TO BE COLD MILLED, 4 INCHES BELOW PROPOSED PROFILE
- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- GRADING LIMITS
- ISOLATED PCC SLAB REMOVAL & REPLACEMENT
- EXISTING DRAINAGE CONCRETE TO BE REMOVED

### LEGEND

- PAVEMENT MARKING REMOVAL (NOT RE-INSTALLED)
- PAVEMENT MARKING REMOVAL (RE-INSTALLED)
- DEMOLITION POINT
- TSA — PROPOSED TAXIWAY SAFETY AREA (TSA)
- TOFA — PROPOSED TAXIWAY OBJECT FREE AREA (TOFA)
- RSA — RUNWAY SAFETY AREA (RSA)
- ROFA — RUNWAY OBJECT FREE AREA (ROFA)

50' 25' 0 50' 100'
GRAPHIC SCALE

GREATER ORLANDO AVIATION AUTHORITY

BP-497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


AECOM

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FOR THE FIRM: EB 8115

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REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 11/17/2023 | CONFORMED DOCUMENTS |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | RJS |
| CHECKED BY: | AK |
| ISSUE DATE: | 11/17/2023 |
| DRAWING SCALE: | AS NOTED |

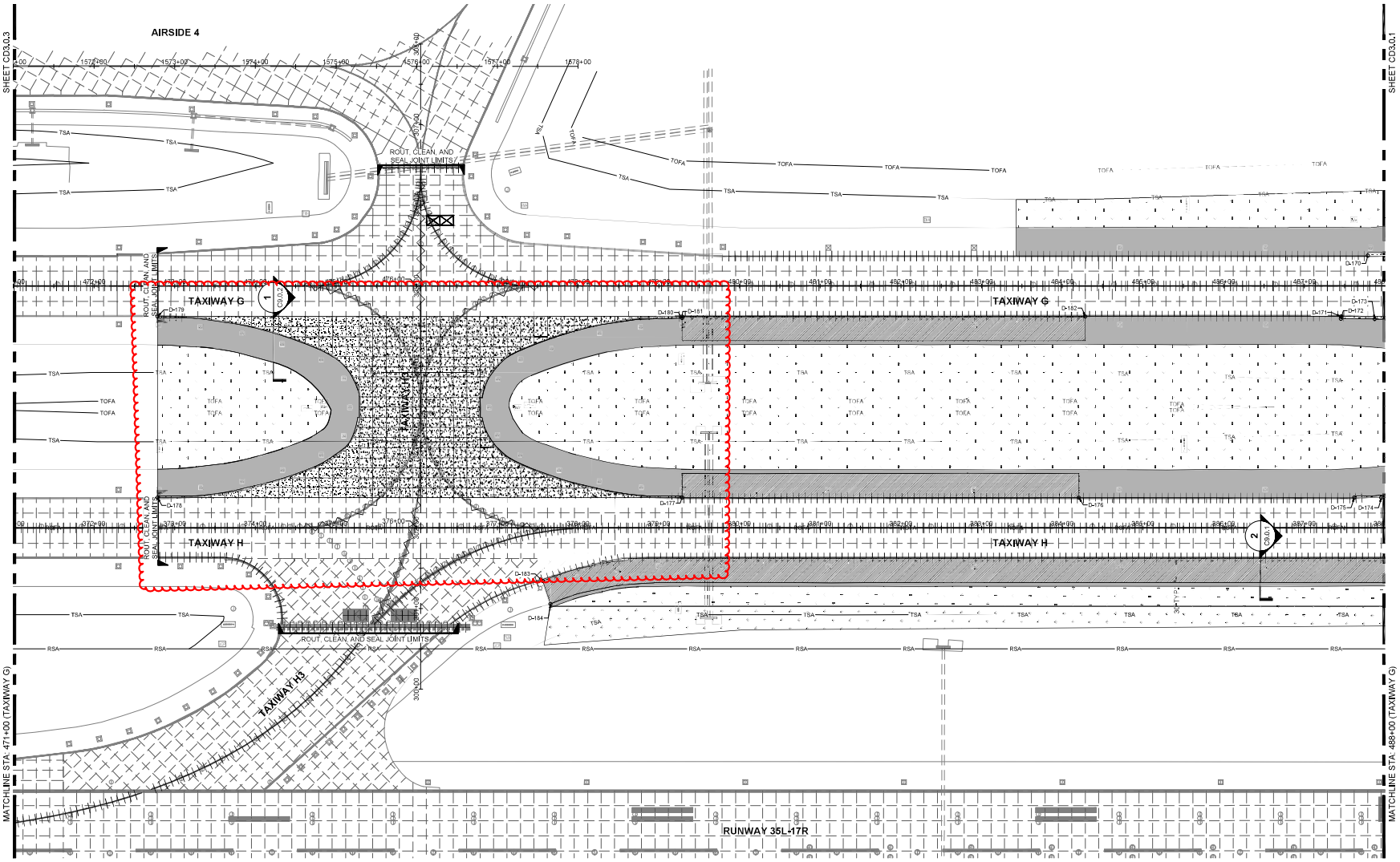
DRAWING TITLE:

**DEMOLITION PLAN - BASE BID (1)**

DRAWING NO.

**CD3.0.1**


Date: Nov 07, 2023 - Time: 7:15 am - Plotted By: Consultant
Drawing: P:\Projects\60691183 Taxiway G & H Rehab\CONTW G & H\60691183.sad1.1.dlt for +430 w xdlt.rehab900.sad_plot91.ctb<X> for 430 w xdlt.rehab900.sad_plot91.ctb<X> for 430 w xdlt.rehab900.sad_plot91.ctb<X>\04-SHEETS\CD3.0.1 thru CD3.08 DEMOLITION PLAN.dwg




## GENERAL DEMOLITION NOTES:

1. SEE SHEET CD3.0.1 FOR GENERAL DEMOLITION NOTES.
2. SEE SHEET CD3.0.9 FOR DEMOLITION POINT TABLES.

**LEGEND**

- EXISTING ASPHALT SHOULDER PAVEMENT TO BE REMOVED
- EXISTING ASPHALT FULL STRENGTH TAXIWAY PAVEMENT TO BE REMOVED
- EXISTING ASPHALT PAVEMENT TO BE COLD MILLED, 4 INCHES BELOW PROPOSED PROFILE
- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- GRADING LIMITS
- ISOLATED PCC SLAB REMOVAL & REPLACEMENT

**LEGEND**

- PAVEMENT MARKING REMOVAL (NOT RE-INSTALLED)
- PAVEMENT MARKING REMOVAL (RE-INSTALLED)
- D-1 — DEMOLITION POINT
- TSA — PROPOSED TAXIWAY SAFETY AREA (TSA)
- TOFA — PROPOSED TAXIWAY OBJECT FREE AREA (TOFA)
- RSA — RUNWAY SAFETY AREA (RSA)
- ROFA — RUNWAY OBJECT FREE AREA (ROFA)

50' 25' 0 50' 100'
GRAPHIC SCALE

N

GREATER ORLANDO AVIATION AUTHORITY

BP-497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


AECOM

**AECOM TECHNICAL SERVICES, INC.**

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

CLINT JAMES MARTIN
FL. P.E. NO. 82740


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 11/17/2023 | CONFORMED DOCUMENTS |

KEY PLAN

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|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | RJS |
| CHECKED BY: | AK |
| ISSUE DATE: | 11/17/2023 |
| DRAWING SCALE: | AS NOTED |

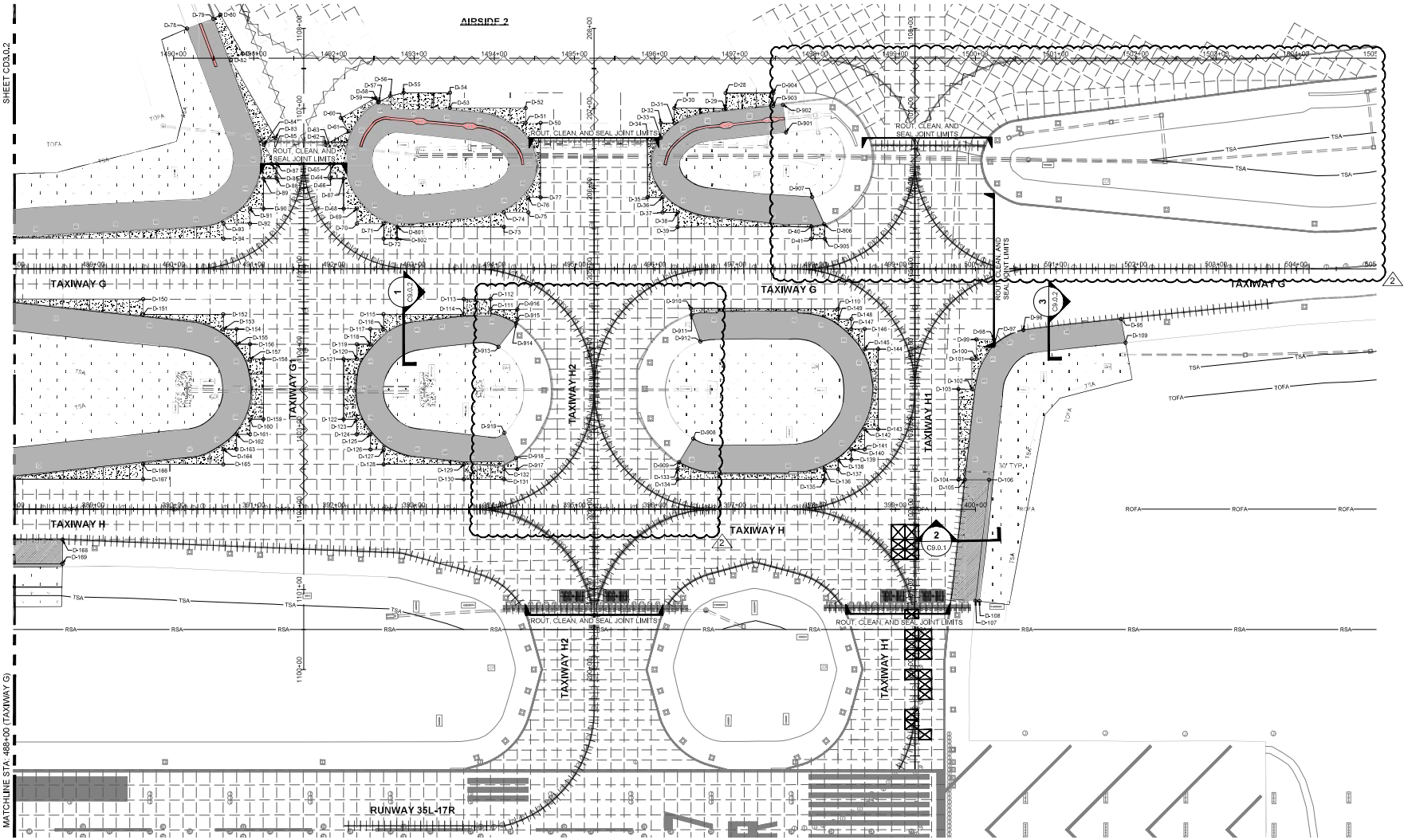
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**DEMOLITION PLAN - BASE BID (2)**

DRAWING NO.

# CD3.0.2


Date: Nov 07, 2023 - Time: 7:16 am - Plotted By: Gonzalez
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## GENERAL DEMOLITION NOTES:

1. THE LIMITS OF DEMOLITION SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT IN THE FIELD AS APPROVED BY THE OAR.
2. THE DEMOLITION PLANS SHOW THE DEMOLITION WORK, WHICH SHALL BE PHASED AS SHOWN IN THE C60 SERIES.
3. THE CONTRACTOR SHALL PROTECT THE EXISTING FEATURES AND UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING FEATURES SHALL BE REPORTED TO THE OAR. THE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL SAW CUT THE EDGES AT ALL PAVEMENT TIE-INS AS WELL AS LONGITUDINAL AND TRANSVERSE JOINTS.
5. ALL PROJECT GENERATED ASPHALT MILLINGS SHALL BE STOCKPILED AT THE LOCATION SHOWN ON C2.0.2 AND WILL REMAIN PROPERTY OF THE AIRPORT. ALL HAULING COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID AND PAID FOR UNDER THE EXISTING PAY ITEMS.
6. IN ALL COLD MILLING AREAS IDENTIFIED ON THE PLANS THE CONTRACTOR SHALL MILL THE ASPHALT IN A MANNER TO NOT MIX LIME ROCK OR OTHER MATERIALS INTO THE MILLINGS TO BE STOCKPILED.
7. ALL NON-ASPHALT MILLINGS WILL BECOME PROPERTY OF THE CONTRACTOR AND DISPOSED OF OFF AIRPORT PROPERTY
8. THE AIRPORT RETAINS THE RIGHT TO CHANGE THE MILLINGS STOCKPILE LOCATION TO ANOTHER LOCATION ON AIRPORT PROPERTY AT NO EXPENSE TO THE OWNER.
9. THE TRANSPORT AND DISPOSAL OF ALL REMOVED MATERIALS OFF-SITE SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED PAY ITEMS.
10. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE FLOW PATTERNS AT PRE-CONSTRUCTION LEVELS. WATER SHALL NOT BE ALLOWED TO ACCUMULATE IN EXCAVATIONS, OR ON THE BASE AND SURFACE OF PAVEMENT SURFACES. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE FACILITIES SUCH AS PUMPS, PIPES, AND OTHER NECESSARY FACILITIES TO PROTECT THE SITE AND MAINTAIN DRAINAGE SYSTEM CONVEYANCE, CAPACITY, AND FLOW PATTERNS. THE TEMPORARY DRAINAGE FACILITIES SHALL BE PROVIDED UNTIL THE END OF THE PROJECT AND SHALL BE INCIDENTAL TO PAY ITEM C-102-1.
11. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION AND SILTATION FENCES AS REQUIRED ON C15 SHEETS FOR THE ENTIRE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL FIELD LOCATE ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION.
13. ALL EXCAVATIONS SHALL BE PAID UNDER PAY ITEM P-152-4.1, UNCLASSIFIED EXCAVATION.
14. THE LOCATION AND RESULTS OF CORES AND BORINGS TAKEN THROUGHOUT THE PROJECT SITE CAN BE SEEN ON SHEETS C3.0.4 THRU C3.0.6.
15. THE CONTRACTOR SHALL REFER TO THE ELECTRICAL DEMOLITION PLAN SHEETS FOR ADDITIONAL ELECTRICAL DETAILS. REFER TO ED2 SERIES SHEETS, ELECTRICAL DEMOLITION SHEETS. PRIOR TO STARTING ANY PAVEMENT DEMOLITION, PAVEMENT AND ELECTRICAL DEMOLITION SHALL BE COORDINATED AND COMPLETED SIMULTANEOUSLY.
16. THE CONTRACTOR SHALL REFER TO THE DRAINAGE PLAN SHEETS FOR DRAINAGE STRUCTURE DEMOLITION AND MODIFICATION DETAILS. REFER TO C15 SERIES SHEETS, DRAINAGE PLANS. PRIOR TO STARTING ANY PAVEMENT DEMOLITION, ALL DEMOLITION WORK SHALL BE COORDINATED AND COMPLETED SIMULTANEOUSLY.
17. ALL PAVEMENT MARKINGS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION P-620. PAVEMENT MARKING REMOVAL WILL NOT BE PAID FOR WHERE ASPHALT PAVEMENT REMOVAL, COLD MILLING, OR CONCRETE PAVEMENT REMOVAL OCCURS.
18. DAMAGE TO EXISTING PAVEMENT MARKINGS NOT DESIGNATED TO BE REMOVED OR IMPACTED, SHALL BE RE-MARKED AT NO COST TO THE OWNER.
19. THE CONTRACTOR SHALL ROUT AND CLEAN ALL EXISTING JOINTS WITHIN THE PROJECT LIMITS, INCLUDING ASPHALT TO CONCRETE JOINTS, AND AS DIRECTED BY THE OAR. ALL JOINT ROUTING, CLEANING, AND SEALING SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION P-605.
20. SEE C7 SERIES SHEETS, GEOMETRY PLAN SHEETS, FOR PROPOSED GEOMETRY AND POINT AND CURVE TABLES.
21. SEE C8 SERIES SHEETS, PAVING PLANS, FOR SPALL AND CRACKED SLAB REPAIRS.
22. DEMOLITION POINTS SHOWN ON THE DEMOLITION PLANS ARE ONLY SHOWN IF THEY DIFFER FROM POINTS PROVIDED ON C7 SERIES SHEETS, GEOMETRY PLANS.
23. SEE SHEET CD3.0.9 FOR DEMOLITION POINT TABLES.
24. GRADING LIMITS ARE SUBJECT TO CHANGE, BASED ON DIRECTION OF THE OAR.
25. IN AREAS OF CONCRETE PAVEMENT REMOVAL, THE CONTRACTOR SHALL ASSUME THAT EXISTING IRREGULAR SHAPED SLABS CONTAIN STEEL REINFORCEMENT. ANY COSTS ASSOCIATED WITH THE REMOVAL OF ANY CONCRETE PAVEMENT, WHETHER OR NOT THE SLABS ARE STEEL REINFORCED, IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE PAY ITEM P-101-5.1.
26. REMOVAL OF CONCRETE THAT CONTAINS A THICKENED EDGE ALONG THE EXISTING ISOLATION JOINTS WILL BE REQUIRED. THE ISOLATION JOINTS ARE EXPECTED TO TO BE 24" IN THICKNESS ALONG THE THICKENED EDGE. CONCRETE PAVEMENT REMOVAL WILL BE PAID BY SQUARE YARD, REGARDLESS OF THE THICKNESS ENCOUNTERED.
27. WORK APPROACHING THE SURFACE PAINTED HOLD POSITION ON TAXIWAY H2 AND H3 WILL REQUIRE A RUNWAY CLOSURE FOR VEHICLES AND EQUIPMENT LARGER THAN A PICKUP TRUCK. THESE CLOSURES SHALL BE COORDINATED WITH THE OAR AND AIRFIELD OPERATIONS AND IN CONJUNCTIONS WITH THE REGULAR MAINTENANCE CLOSURES.
28. FOR ASPHALT SURFACE TREATMENT, SEE NOTE 16 ON SHEET C8.0.1 2

### LEGEND

- EXISTING ASPHALT SHOULDER PAVEMENT TO BE REMOVED
- EXISTING ASPHALT PAVEMENT TO BE COLD MILLED, 4 INCHES BELOW PROPOSED PROFILE
- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- GRADING LIMITS
- ISOLATED PCC SLAB REMOVAL & REPLACEMENT
- EXISTING DRAINAGE CONCRETE TO BE REMOVED

### LEGEND

- PAVEMENT MARKING REMOVAL (NOT RE-INSTALLED)
- PAVEMENT MARKING REMOVAL (RE-INSTALLED)
- DEMOLITION POINT
- TSA — PROPOSED TAXIWAY SAFETY AREA (TSA)
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- RSA — RUNWAY SAFETY AREA (RSA)
- ROFA — RUNWAY OBJECT FREE AREA (ROFA)

50' 25' 0 50' 100'
GRAPHIC SCALE

N

GREATER ORLANDO AVIATION AUTHORITY

BP-497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


AECOM

**AECOM TECHNICAL SERVICES, INC.**

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

CLINT JAMES MARTIN
FL. P.E. NO. 82740


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 11/17/2023 | CONFORMED DOCUMENTS |
| 1 | 01/17/2024 | BULLETIN #1 |
| 2 | 04/17/2024 | BULLETIN #2 |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | RJS |
| CHECKED BY: | AK |
| ISSUE DATE: | 04/17/2024 |
| DRAWING SCALE: | AS NOTED |

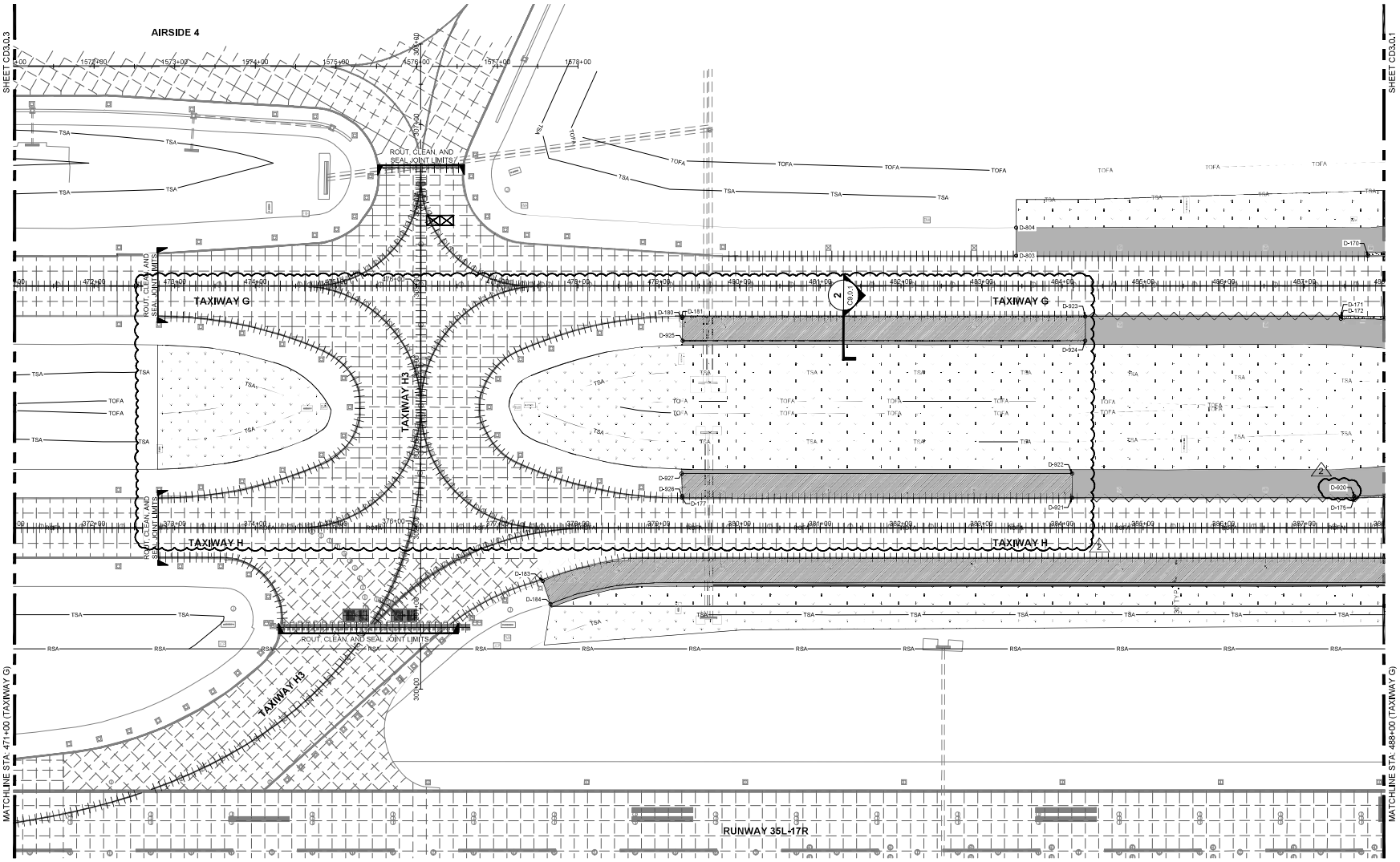
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**DEMOLITION PLAN - BASE BID (1)**

DRAWING NO.

**CD3.0.1**


Date: Apr 16, 2024 - Time: 3:46 pm - Plotted By: Al Labback
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## GENERAL DEMOLITION NOTES:

1. SEE SHEET CD3.0.1 FOR GENERAL DEMOLITION NOTES.
2. SEE SHEET CD3.0.9 FOR DEMOLITION POINT TABLES.

**LEGEND**

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- GRADING LIMITS
- ISOLATED PCC SLAB REMOVAL & REPLACEMENT

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- RSA — RUNWAY SAFETY AREA (RSA)
- ROFA — RUNWAY OBJECT FREE AREA (ROFA)

50' 25' 0 50' 100'
GRAPHIC SCALE

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GREATER ORLANDO AVIATION AUTHORITY

BP-497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


**AECOM**

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| 0 | 11/17/2023 | CONFORMED DOCUMENTS |
| 1 | 01/17/2024 | BULLETIN #1 |
| 2 | 04/17/2024 | BULLETIN #2 |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | RJS |
| CHECKED BY: | AK |
| ISSUE DATE: | 04/17/2024 |
| DRAWING SCALE: | AS NOTED |

DRAWING TITLE:

**DEMOLITION PLAN - BASE BID (2)**

DRAWING NO.

# CD3.0.2


Date: Apr 16, 2024 - Time: 3:46 pm - Plotted By: Al Labiak
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## BP-497 Consolidated Schedule of Values

Apply the proposed unit prices to the revised quantities after Bulletin #2

| Bid Item | Description | Unit | Proposed Unit Price | Base Bid | Additive Alternative #1 | Additive Alternative #2 | Additive Alternative #3 | Consolidated Total Quantity | Total Cost |
|---|---|---|---|---|---|---|---|---|---|
| C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | LS | $ 456,100.00 | | | | | 1.00 | $456,100.00 |
| C-102-1 | TEMPORARY EROSION POLLUTION CONTROL | LS | $ 327,000.00 | | | | | 1.00 | $327,000.00 |
| C-105-1 | MOBILIZATION | LS | $ 3,170,000.00 | | | | | 1.00 | $3,170,000.00 |
| C-106-1 | SAFETY, SECURITY AND MAINTENANCE OF TRAFFIC | LS | $ 4,228,000.00 | | | | | 1.00 | $4,228,000.00 |
| **P-101-5.1** | **CONCRETE PAVEMENT REMOVAL** | **SY** | **$ 110.73** | 5,000 | 850 | 1,600 | 2,750 | 10,200.00 | $1,129,446.00 |
| P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | SY | $ 9.60 | 19,000 | 6,900 | 4,500 | 11,000 | 41,400.00 | $397,446.44 |
| P-101-5.3 | ASPHALT FULL STRENGTH TAXIWAY PAVEMENT REMOVAL | SY | $ 17.59 | | | | | - | $0.00 |
| P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | LF | $ 6.40 | 85,000 | 23,000 | 22,000 | | 130,000.00 | $832,000.00 |
| P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS AND CRACK REPAIR | LF | $ 6.94 | 9,000 | 2,300 | 1,100 | 2,600 | 15,000.00 | $104,060.13 |
| P-101-5.6 | CONCRETE SPALL REPAIR | SF | $ 315.00 | 140 | 100 | 50 | 95 | 385.00 | $121,275.00 |
| P-101-5.7 | PROFILE COLD MILLING 4" +/- DEPTH | SY | $ 11.41 | 7,600 | 5,000 | | 250 | 12,850.00 | $146,558.03 |
| P-101.5.8 | DRAINAGE CONCRETE REMOVAL NOT ASSOCIATED WITH THE DEMOLITION OF AN EXISTING STRUCTURE | SY | $ 24.44 | 200 | | | 2,000 | 2,200.00 | $53,765.56 |
| P-152-4.1 | UNCLASSIFIED EXCAVATION | CY | $ 10.02 | 6,700 | 2,225 | 700 | 2,300 | 11,925.00 | $119,512.55 |
| P-152-4.2 | BORROW EXCAVATION OFF-SITE | CY | $ 0.01 | 2,500 | 1,250 | 800 | 3,400 | 7,950.00 | $79.50 |
| P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH | SY | $ 18.83 | 14,250 | 5,250 | 3,500 | 9,000 | 32,000.00 | $602,657.88 |
| P-211-5.2 | LIME ROCK BASE COURSE - 12 INCH | SY | $ 43.11 | 275 | | | | 275.00 | $11,855.25 |
| P-306-8.1 | LEAN CONCRETE BASE COURSE - 6 INCH | SY | $ 54.37 | 14,420 | 3,750 | 4,500 | 9,000 | 31,670.00 | $1,721,984.93 |
| P-401-8.1 | ASPHALT PAVEMENT | TN | $ 275.76 | 5,200 | 2,350 | 800 | 2,000 | 10,350.00 | $2,854,124.12 |
| P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT - 17 INCH | SY | $ 192.83 | 13,250 | 3,500 | 4,250 | 8,500 | 29,500.00 | $5,688,509.70 |
| P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | SY | $ 516.45 | 600 | | 100 | 200 | 900.00 | $464,808.70 |
| **P-501-8.3** | **ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT IN THE RUNWAY SAFETY AREA** | **SY** | **$ 691.20** | 324 | | | | 324.00 | $223,948.80 |
| P-620-5.1 | PAVEMENT MARKINGS WITH REFLECTIVE MEDIA | SF | $ 2.53 | 50,000 | 5,200 | 1,800 | 5,600 | 62,600.00 | $158,493.29 |
| P-620-5.2 | PAVEMENT MARKINGS W/OUT REFLECTIVE MEDIA | SF | $ 1.37 | 58,000 | 8,500 | 2,400 | 7,200 | 76,100.00 | $104,432.96 |
| P-620-5.3 | SURFACE PAINTED HOLD POSITION SIGNS | SF | $ 8.62 | 2,600 | 1,000 | | | 3,600.00 | $31,028.00 |
| P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | SF | $ 3.27 | 15,000 | 2,000 | 1,200 | 3,000 | 21,200.00 | $69,235.47 |
| P-620-5.5 | PAVEMENT MARKING REMOVAL | SF | $ 2.98 | 70,000 | 10,500 | 1,200 | 4,750 | 86,450.00 | $257,621.00 |
| T-904-5.1 | SODDING | SY | $ 4.64 | 41,500 | 20,000 | 2,600 | 13,000 | 77,100.00 | $357,867.23 |
| 110-3 | REMOVAL OF EXISTING STRUCTURES | EA | $ 4,133.72 | 13 | 2 | 2 | 5 | 22.00 | $90,941.84 |
| 400-2-1a | CONCRETE FOR PIPE JACKETS | CY | $ 2,159.03 | 16 | 8 | 8 | 2 | 34.00 | $73,406.95 |
| 425-11 | MODIFY EXISTING STRUCTURES | EA | $ 12,631.32 | 1 | | | 3 | 4.00 | $50,525.26 |

**BP-497 Taxiway G & H Rehabilitation Phase 1**
**Change Order 1**
**P-101-5.1 Concrete Pavement Removal OAR Esitmate**

| Narrative: | Changes in Bulletin #1 and Bulletin #2 greatly impaceted the scope of work required in the contracted Base Bid for item P-101-5.1 Concrete Pavement Removal. In the original design, full taxiway intersections at TWY H1, H2 and H3 were to be removed and turned into infield. Modifications resulted in these intersections being desinged to remain with geometric widening proposed around remaining radii. The original scope allowed for a construction plan that encompassed high production equipment and stratagies. The newly proposed work is now in line with the more delicate removal that is represented across the three contract Additive Alternatives. For that reason, the OAR worked to negotiate a price with the contractor that was close to a weighted average of the contract unit prices in the Additive Alternatives and ignored the contract Base Bid unit price that no longer represents the proposed scope of work. |
|---|---|

| Specification | Description | Unit | Base Bid Quantity | Base Bid Unit Price | Base Bid Contract Value | Add Alt 1 Quantity | Add Alt 1 Unit Price | Add Alt 1 Contract Value | Add Alt 2 Quantity | Add Alt 2 Unit Price | Add Alt 2 Contract Value | Add Alt 3 Quanity | Add Alt 3 Unit Price | Add Alt 3 Contract Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P-101-5.1 | Concrete Pavment Removal | SY | 19,500 | $ 60.00 | $ 1,170,000.00 | 850 | $ 165.00 | $ 140,250.00 | 1600 | $ 86.00 | $ 137,600.00 | 2,750 | $ 85.00 | $ 233,750.00 |

| | |
|---|---|
| Weighted Average Across all Schedules | $ 68.08 |

| Specification | Description | Unit | Base Bid Quantity | Base Bid Unit Price | Base Bid Contract Value | Add Alt 1 Quantity | Add Alt 1 Unit Price | Add Alt 1 Contract Value | Add Alt 2 Quantity | Add Alt 2 Unit Price | Add Alt 2 Contract Value | Add Alt 3 Quanity | Add Alt 3 Unit Price | Add Alt 3 Contract Value |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P-101-5.1 | Concrete Pavment Removal | SY | ~~19,500~~ | ~~$ 60.00~~ | ~~$ 1,170,000.00~~ | 850 | $ 165.00 | $ 140,250.00 | 1600 | $ 86.00 | $ 137,600.00 | 2,750 | $ 85.00 | $ 233,750.00 |

| | |
|---|---|
| Weighted Average Across 3 Add Alts | $ 98.38 |

Negotiated price agreed to at $98.00/SY



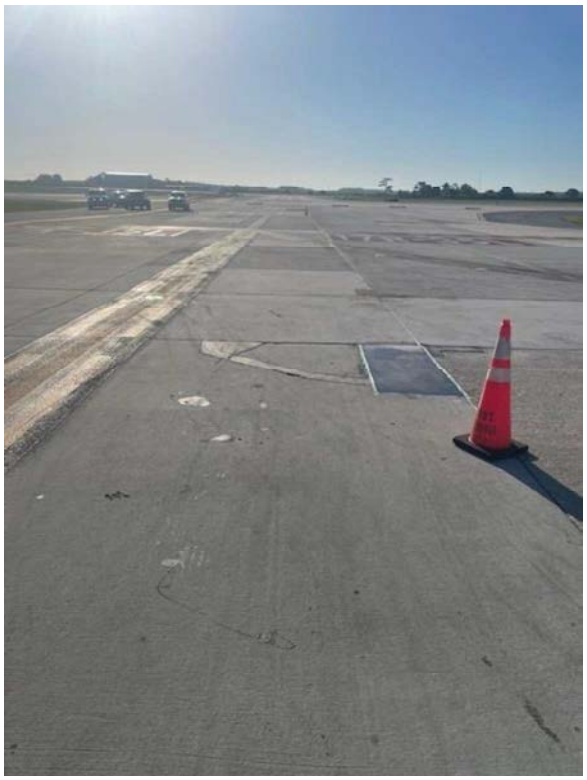
Panel #1



Panels #2, #3, #4 & #5



Panels #5 & #6



Panels #7, #8, #9 & #10



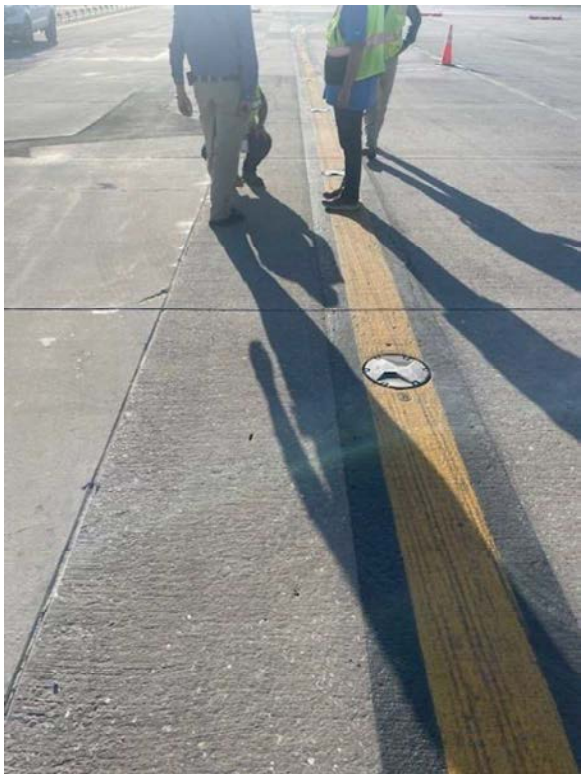
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Panels #9, #10, #11 & #12



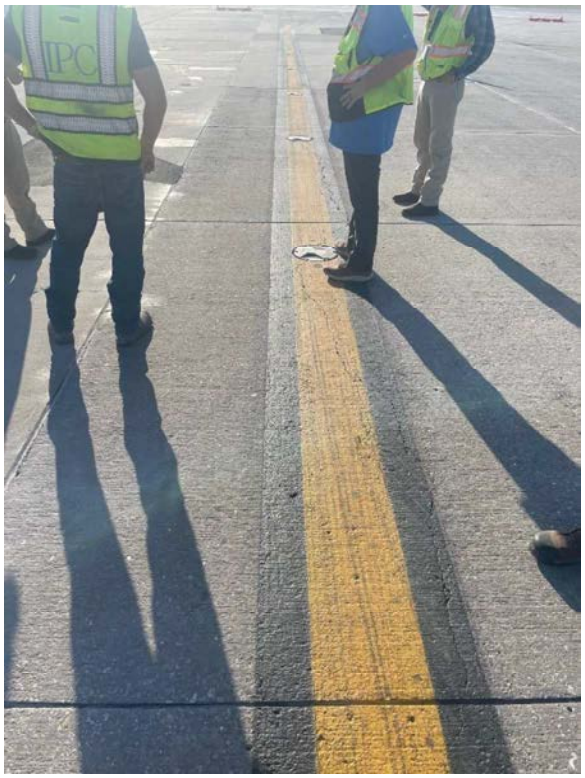
Panel #13



Panel #14



Panels #15 & #17




Panels #16 & #18



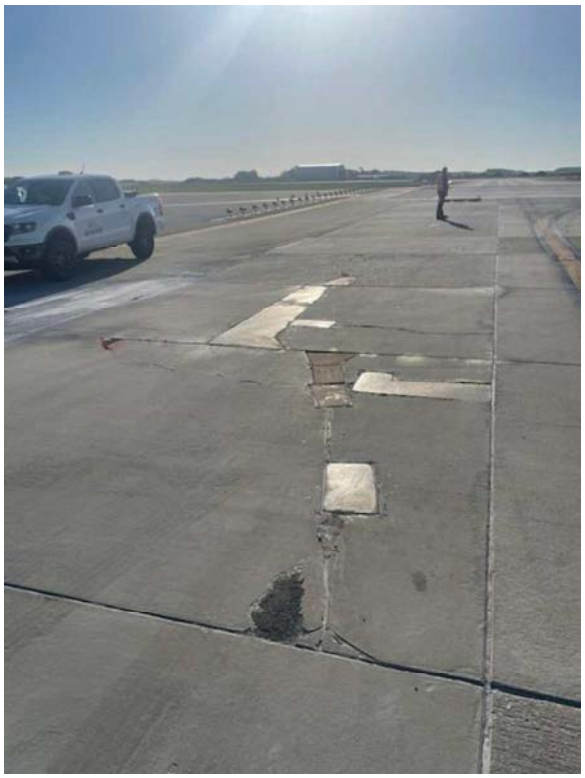
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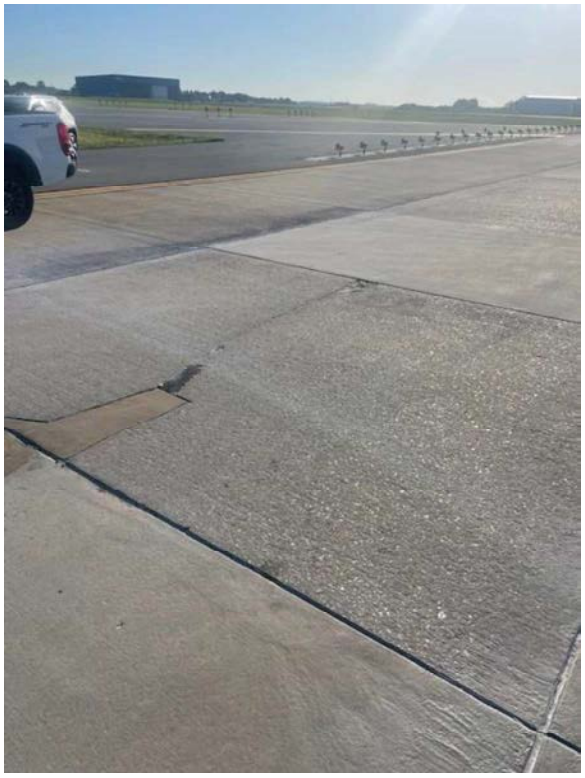
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Panel #21



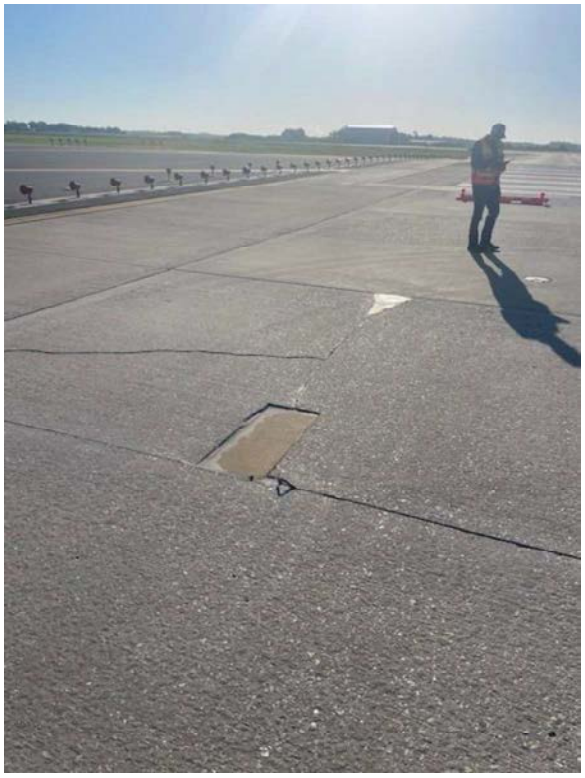
Panels #22, #23 & #24



Panel #24



Panel #25 & #26



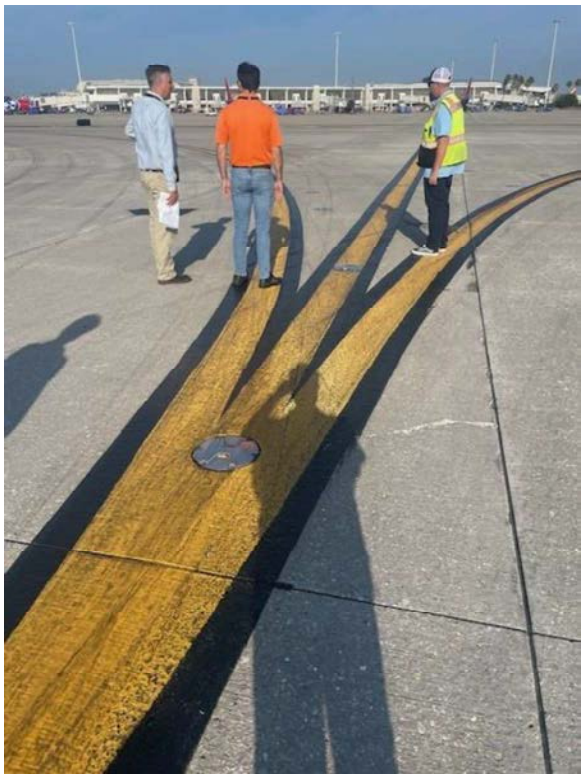
Panel #27



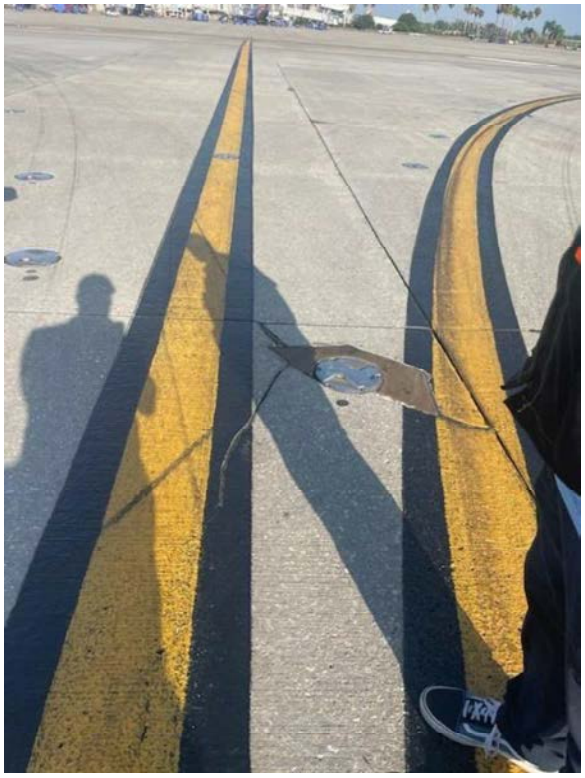
Panel #28



Panel #29



Panel #30



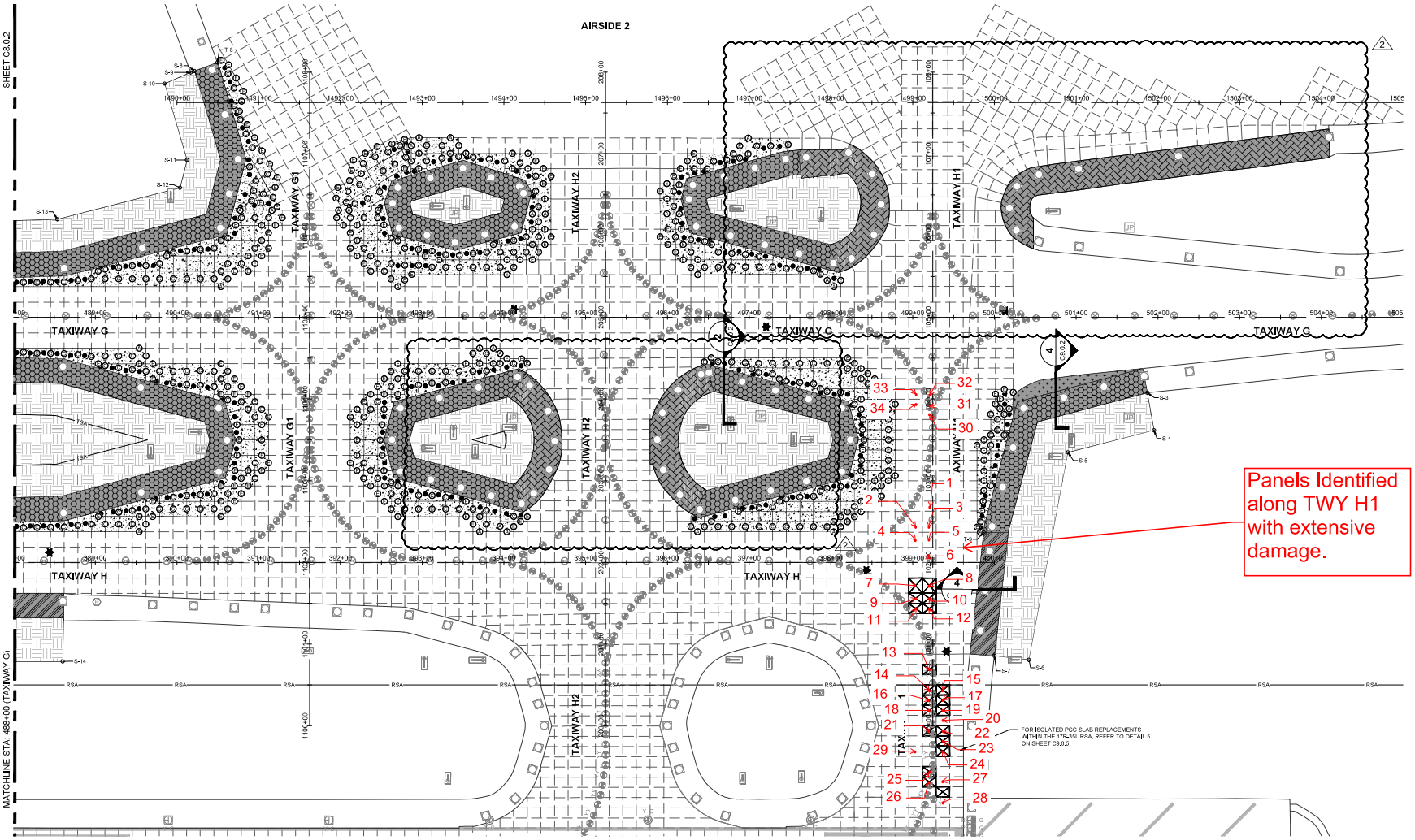
Panel #31



Panel #32



Panels #31, #32, #33 & #34




## GENERAL PAVING NOTES:

1. CONTRACTOR TO SUBMIT A DETAILED PAVING PLAN, FOR BOTH PCC AND ASPHALT PAVING, TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE PAVING PLAN SHALL INCLUDE, AT A MINIMUM, SEQUENCE OF PAVING, LANE WIDTH, JOINT OVERLAP OFFSETS, TRANSVERSE JOINT STAGGERING LAYOUTS, AND ROLLING PATTERNS.
2. ALL INTERFACE PAVEMENT EDGES SHALL BE NEATLY SAW-CUT WITH APPROPRIATE EQUIPMENT, AS SPECIFIED UNDER ITEM P-101. TO PRODUCE A CLEAN SHARP EDGE. APPLY TACK COAT ALONG ALL MATCHING EDGES PRIOR TO ASPHALT PAVING PER FAA SPECIFICATION P-603.
3. ALL ASPHALT PAVING SHALL BE PER FAA SPECIFICATION P-401.
4. ALL CONCRETE PAVING SHALL BE PER FAA SPECIFICATION P-501.
5. REFER TO CD3 SERIES SHEETS, DEMOLITION PLANS, FOR FOR LIMITS OF DEMOLITION.
6. REFER TO SHEET CD3.0.9 FOR DEMOLITION POINT TABLE.
7. THE PAVING PLANS SHOW THE PAVING WORK, WHICH SHALL BE PHASED AS SHOWN IN THE C60 SERIES.
8. REFER TO C7 SERIES SHEETS, GEOMETRY PLANS FOR GEOMETRIC LAYOUT INFORMATION OF NEW PAVEMENT.
9. REFER TO SHEET C7.0.9 FOR GEOMETRY POINT TABLE.
10. REFER TO SHEET C8.0.8 FOR PAVING POINT TABLE.
11. REFER TO C9 SERIES SHEETS FOR PAVEMENT SECTIONS AND DETAILS.
12. ALL IRREGULAR SHAPED SLABS SHALL BE REINFORCED. REFER TO DETAILS 1 AND 2 SHEET ######.
13. FOR ADDITIONAL ELECTRICAL INFORMATION, REFER TO SERIES E2.
14. WORK APPROACHING THE SURFACE PAINTED HOLD POSITIONS WILL REQUIRE A RUNWAY CLOSURE FOR VEHICLES LARGER THAN A PICKUP TRUCK. THESE CLOSURES SHALL BE COORDINATED WITH THE OAR AND AIRFIELD OPERATIONS AND IN CONJUNCTION WITH THE REGULAR MAINTENANCE CLOSURES.
15. THE CONTRACTOR SHALL EXPECT GRADE DIFFERENCES AT THE PHASE BOUNDARIES BETWEEN THE NEWLY CONSTRUCTED PAVEMENT AND EXISTING PAVEMENTS. THE CONTRACTOR SHALL PROVIDE A TRANSITION WITH A MAXIMUM LONGITUDINAL GRADE OF 1.5% IN ASPHALT SHOULDER PAVEMENTS AT THE PHASE BOUNDARY, AS DETERMINED NECESSARY BY THE OAR. IN AREAS WHERE THE NEWLY CONSTRUCTED CONCRETE PAVEMENT AT THESE PHASE BOUNDARIES VARIES IN ELEVATION MORE THAN 1" FROM THE ADJACENT EXISTING SLAB TO BE DEMOLISHED UNDER A LATER PHASE, THE CONTRACTOR SHALL REMOVE HALF OF THE SLAB RESERVED FOR LATER DEMOLITION TO PROVIDE A TRANSITION BETWEEN THE ELEVATION DIFFERENCE. ALL COSTS ASSOCIATED WITH THESE NECESSARY TRANSITIONS AS DETERMINED BY THE OAR, SHALL BE PAID UNDER THE UNIT PRICES AND PAY ITEMS OF THE CONTRACT.
16. AREAS THAT ARE SHOWN IN THIS SERIES PLANS THAT REQUIRE AN ASPHALT SURFACE TREATMENT SHALL HAVE THE EXISTING CRACKS IN THE ASPHALT ROUTED AND CLEANED PRIOR TO THE APPLICATION OF THE ASPHALT SURFACE TREATMENT. ONCE THE ASPHALT SURFACE TREATMENT HAS BEEN APPLIED, THE CONTRACTOR SHALL INSTALL THE COLD APPLIED, SINGLE COMPONENT, SELF-LEVELING JOINT SEALANT WITHIN THE CRACKS THAT WERE ROUTED AND CLEANED AFTER ASPHALT SURFACE TREATMENT HAS CURED.

## LEGEND

- TAXIWAY EDGE REFLECTOR
- ELEVATED TAXIWAY EDGE LIGHT
- FLUSH-MOUNTED TAXIWAY CENTERLINE LIGHT
- BLANK COVER ON EXISTING LIGHT BASE CAN
- ELEVATED RUNWAY EDGE LIGHT
- FLUSH-MOUNTED RUNWAY EDGE LIGHT
- AIRFIELD GUIDANCE SIGN
- ELECTRICAL JUNCTION CAN PLAZA

## LEGEND

- PROPOSED PAVING POINT
- PROPOSED SODDING POINT
- TYPE A THICKENED EDGE ISOLATION JOINT, SEE DETAIL 5 ON SHEET C9.0.3
- TYPE B CONTRACTION/ CONSTRUCTION JOINT, SEE DETAIL 6 ON SHEET C9.0.3
- TYPE C DOWELED CONTRACTION JOINT, SEE DETAIL 7 ON SHEET C9.0.3
- TYPE E DOWELED CONSTRUCTION JOINT, SEE DETAIL 8 ON SHEET C9.0.3
- EXISTING PCC PAVEMENT JOINTS
- PARTIAL DEPTH SPALL REPAIR (CORNER SPALL AND JOINT SPALL)
- DENOTES SLABS TO BE REINFORCED
- ISOLATED PCC SLAB REMOVAL & REPLACEMENT

## LEGEND

- PROPOSED CONCRETE FULL STRENGTH TAXIWAY PAVEMENT, SEE DETAIL 1 ON C9.0.3
- PROPOSED ASPHALT FULL STRENGTH TAXIWAY PAVEMENT, SEE DETAIL 5 ON SHEET C9.0.1
- PROPOSED 4" ASPHALT TAXIWAY PAVEMENT OVERLAY, SEE DETAIL 4 ON C9.0.1
- PROPOSED ASPHALT SHOULDER PAVEMENT, SEE DETAIL 6 ON C9.0.1
- PROPOSED SODDING
- PROPOSED ASPHALT SURFACE TREATMENT
- RSA — RUNWAY SAFETY AREA

GRAPHIC SCALE 50' 25' 0 50' 100'

GREATER ORLANDO AVIATION AUTHORITY

BP-497

TAXIWAYS G & H REHABILITATION - PHASE 1

ORLANDO INTERNATIONAL AIRPORT

AECOM TECHNICAL SERVICES, INC.
7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

CLINT JAMES MARTIN
FL. P.E. NO. 82740

REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 11/17/2023 | CONFORMED DOCUMENTS |
| 1 | 01/17/2024 | BULLETIN #1 |
| 2 | 04/17/2024 | BULLETIN #2 |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | RJS |
| CHECKED BY: | AK |
| ISSUE DATE: | 04/17/2024 |
| DRAWING SCALE: | AS NOTED |

DRAWING TITLE:

**PAVING PLAN - BASE BID (1)**

DRAWING NO.

**C8.0.1**

Date: Apr 18, 2024 - Time: 3:35 pm - Plotted By: AK.labarck
File Name: J:\60691183\project\drawings\CD\CW G & H\60691183_add-1.dgn for xref+32 lw xdA:\whatever\60691183_add-1.dgn for xref+32 lw xdA:\whatever\60691183_add-1.dgn for xref+32 lw xdA:\whatever

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No.1 ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL (SLABS IN RSA AREA) - IPC**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | P-501-8.2A | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLA | 333.00 | SY | $640.55 | | | | | $213,302.48 | $213,302.48 |
| | | | | | | | | | | | 213,302.48 |
| | | **Subtotal** | | | | 0.00 | $0.00 | $0.00 | $0.00 | $213,302.48 | $213,302.48 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $0.00 | $0.00 | $0.00 | $17,064.20 | $17,064.20 |
| | | **Subtotal** | | | | | | | | | $230,366.68 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 333.00 | SY | $691.79 | | | | | | $230,366.68 |

IPC PAVING

7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## Demo Saw Cut and Slurry Clean Up

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

0

### LABOR

| DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|
| **Slurry Clean Up** | | | | $ - |
| LABORER | 1 | 40.00 | $ 19.37 | $ 774.80 |
| OPERATOR LOADER | 1 | 40.00 | $ 22.36 | $ 894.40 |
| TRUCK DRIVER | 1 | 40.00 | $ 19.37 | $ 774.80 |
| | | | | $ - |
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| | | | | $ - |
| Direct Labor | | | | $ 2,444.00 |
| Burden | | | 42.00% | $ 1,026.48 |
| Subtotal | | | | $ 3,470.48 |
| | | Markup | 10.0% | $ 347.05 |
| TOTAL LABOR COSTS: | | | | $ 3,817.53 |

### MATERIAL

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| | | | $ - | $ - |
| | | | $ - | $ - |
| | | | $ - | $ - |
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| | | | | $ - |
| | | | | $ - |
| Materials Subtotal | | | | $ - |
| Sales Tax | | | 6.5% | $ - |
| Materials Total | | | | $ - |
| | | Markup: | 10.0% | $ - |
| TOTAL MATERIAL COSTS: | | | | $ - |

### SUBCONTRACTORS / OUTSIDE SERVICES

| Subcontractor / Outside Services | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| Dankel Concrete Cutting | 47800 | IN-FT | 0.31 | $14,818.00 |
| Dankel Concrete Cutting and Coring | 19 | Each | 232.00 | $4,408.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| Subcontractor Subtotal | | | | $19,226.00 |
| | | Markup: | 10% | $1,922.60 |
| TOTAL SUB COSTS: | | | | $21,148.60 |

### EQUIPMENT

| SIZE AND CLASS | NO. | EQUIP NO. | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| BROOM | 1.00 | | 40.00 | 0.00 | $ - |
| TRUCK VAC | 1.00 | | 40.00 | 47.34 | $ 1,893.60 |
| F250 CREW CAB | 1.00 | | 40.00 | 12.17 | $ 486.80 |
| | | | | | $ - |
| | | | | | $ - |
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| | | | | | $ - |
| Equipment Subtotal | | | | $ 2,380.40 |
| | | | Markup: 10.0% | $ 238.04 |
| TOTAL EQUIPMENT COSTS: | | | | $ 2,618.44 |

Quaifications:

**TOTALS:**

| | | |
|---|---|---|
| LABOR | | $3,817.53 |
| MATERIALS | | $0.00 |
| EQUIPMENT | | $2,618.44 |
| SUBCONTRACTORS | | $21,148.60 |
| SUB-TOTAL | | $27,584.57 |
| BOND (1%) | 1.00% | $275.85 |
| **GRAND TOTAL:** | | **$27,860.41** |

IPC PAVING
7800 Southland Blvd., Suite 109
Orlando, FL 32809
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# Isolated Slab Removal Bulletin 1

## Pull and Haul Slabs

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

### LABOR

| | DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **Pull Slabs** | | | | $ - |
| | LABORER | 2 | 40.00 | $ 19.37 | $ 1,549.60 |
| | OPERATOR LOADER | 1 | 20.00 | $ 22.36 | $ 447.20 |
| | | | | | $ - |
| | | | | | $ - |
| | | | | | $ -

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Orlando, FL 32809
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# Isolated Slab Removal Bulletin 1

## Lean Concrete Form and Pour

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

**LEAN CONCRETE READY MIX**

### LABOR

| DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|
| **Form and Grade** | | | | $ - |
| LABORER | 4 | 16.00 | $ 19.37 | $ 1,239.68 |
| OPERATOR LOADER | 1 | 4.00 | $ 22.36 | $ 89.44 |
| CONCRETE FORMAN | 1 | 4.00 | $ 46.83 | $ 187.32 |
| | | | | $ - |
| **Placement** | | | | $ - |
| LABORER | 4 | 32.00 | $ 19.37 | $ 2,479.36 |
| CONCRETE FINISHER | 4 | 32.00 | $ 24.12 | $ 3,087.36 |
| OPERATOR LOADER | 2 | 16.00 | $ 22.36 | $ 715.52 |
| CONCRETE FORMAN | 2 | 16.00 | $ 46.83 | $ 1,498.56 |
| | | | | $ - |
| **Green Saw Lean** | | | | $ - |
| OPERATOR SAW | 1 | 8.00 | $ 22.36 | $ 178.88 |
| | | | | $ - |
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| | | | | $ - |
| Direct Labor | | | | $ 9,476.12 |
| Burden | | | 42.00% | $ 3,979.97 |
| Subtotal | | | | $ 13,456.09 |
| | | Markup | 10.0% | $ 1,345.61 |
| TOTAL LABOR COSTS: | | | | $ 14,801.70 |

### MATERIAL

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| | | | | $ - |
| LEAN CONCRETE READY MIX | 60.00 | CY | $ 176.26 | $ 10,575.60 |
| CURE / BOND BREAKER | 40.00 | GAL | $ 4.50 | $ 180.00 |
| | | | $ - | $ - |
| | | | | $ - |
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| | | | | $ - |
| | | | | $ - |
| Materials Subtotal | | | | $ 10,755.60 |
| Sales Tax | | | 6.5% | $ 699.11 |
| Materials Total | | | | $ 11,454.71 |
| | | Markup: | 10.0% | $ 1,145.47 |
| TOTAL MATERIAL COSTS: | | | | $ 12,600.19 |

### SUBCONTRACTORS / OUTSIDE SERVICES

| Subcontractor / Outside Services | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
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| | | | | $0.00 |
| | | | | $0.00 |
| Subcontractor Subtotal | | | | $0.00 |
| | | Markup: | 10% | $0.00 |
| TOTAL SUB COSTS: | | | | $0.00 |

### EQUIPMENT

| SIZE AND CLASS | NO. | EQUIP NO. | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| LOADER | 1.00 | | 20.00 | 79.63 | $ 1,592.60 |
| F250 CREW CAB | 4.00 | | 40.00 | 12.17 | $ 1,947.20 |
| LIGHT TOWERS | 6.00 | | 96.00 | | $ - |
| SCREED | 1.00 | | 8.00 | 52.50 | $ 420.00 |
| 60 HP SAW | 1.00 | | 8.00 | 27.20 | $ 217.60 |
| | | | | | $ - |
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| Equipment Subtotal | | | | $ 4,177.40 |
| | | | Markup: 10.0% | $ 417.74 |
| TOTAL EQUIPMENT COSTS: | | | | $ 4,595.14 |

Quaifications:

**TOTALS:**

| | | |
|---|---|---|
| LABOR | | $14,801.70 |
| MATERIALS | | $12,600.19 |
| EQUIPMENT | | $4,595.14 |
| SUBCONTRACTORS | | $0.00 |
| $0.00 | | |
| SUB-TOTAL | | $31,997.02 |
| BOND (1%) | 1.00% | $319.97 |

**GRAND TOTAL:** **$32,317.00**

7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## P501 Concrete Form and Pour

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

**PURCHASE READY MIX P501**

### LABOR

| DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|
| **Form and Grade / Tie Steel Mats** | | | | $ - |
| LABORER | 4 | 120.00 | $ 19.37 | $ 9,297.60 |
| OPERATOR LOADER | 1 | 30.00 | $ 22.36 | $ 670.80 |
| CONCRETE FORMAN | 1 | 30.00 | $ 46.83 | $ 1,404.90 |
| | | | | $ - |
| **Placement** | | | | $ - |
| LABORER | 4 | 80.00 | $ 19.37 | $ 6,198.40 |
| CONCRETE FINISHER | 4 | 80.00 | $ 24.12 | $ 7,718.40 |
| OPERATOR LOADER | 2 | 40.00 | $ 22.36 | $ 1,788.80 |
| CONCRETE FORMAN | 2 | 40.00 | $ 46.83 | $ 3,746.40 |
| | | | | $ - |
| **Green Saw Lean** | | | | $ - |
| OPERATOR SAW | 1 | 20.00 | $ 22.36 | $ 447.20 |
| | | | | $ - |
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| Direct Labor | | | | $ 31,272.50 |
| Burden | | | 42.00% | $ 13,134.45 |
| Subtotal | | | | $ 44,406.95 |
| | | Markup | 10.0% | $ 4,440.70 |
| TOTAL LABOR COSTS: | | | | $ 48,847.65 |

### MATERIAL

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| | | | | $ - |
| PURCHASE READY MIX P501 | 170.00 | CY | $ 192.24 | $ 32,680.80 |
| CONTRACTION JOINT ASSEMBLIES | 140.00 | LF | $ 4.50 | $ 630.00 |
| LOOSE DOWELS | 434.00 | EA | $ 7.69 | $ 3,337.46 |
| CURE | 55 | GAL | $ 4.50 | $ 247.50 |
| EPOXY | 5 | GAL | $ 46.79 | $ 233.95 |
| #8 Rebar Steel | 624 | EA | $ 35.30 | $ 22,027.20 |
| | | | | $ - |
| | | | | $ - |
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| | | | | $ - |
| Materials Subtotal | | | | $ 59,156.91 |
| Sales Tax | | | 6.5% | $ 3,845.20 |
| Materials Total | | | | $ 63,002.11 |
| | | Markup: | 10.0% | $ 6,300.21 |
| TOTAL MATERIAL COSTS: | | | | $ 69,302.32 |

### SUBCONTRACTORS / OUTSIDE SERVICES

| Subcontractor / Outside Services | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| | | | | $0.00 |
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| | | | | $0.00 |
| | | | | $0.00 |
| Subcontractor Subtotal | | | | $0.00 |
| | | Markup: | 10% | $0.00 |
| TOTAL SUB COSTS: | | | | $0.00 |

### EQUIPMENT

| SIZE AND CLASS | NO. | EQUIP NO. | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| LOADER | 1.00 | | 50.00 | 79.63 | $ 3,981.50 |
| F250 CREW CAB | 4.00 | | 160.00 | 12.17 | $ 7,788.80 |
| LIGHT TOWERS | 6.00 | | 120.00 | | $ - |
| SCREED | 1.00 | | 20.00 | 52.50 | $ 1,050.00 |
| 60 HP SAW | 1.00 | | 20.00 | 27.20 | $ 544.00 |
| | | | | | $ - |
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| Equipment Subtotal | | | | $ 13,364.30 |
| | | | Markup: 10.0% | $ 1,336.43 |
| TOTAL EQUIPMENT COSTS: | | | | $ 14,700.73 |

Quaifications:

**TOTALS:**

| | | |
|---|---|---|
| LABOR | | $48,847.65 |
| MATERIALS | | $69,302.32 |
| EQUIPMENT | | $14,700.73 |
| SUBCONTRACTORS | | $0.00 |
| $0.00 | | |
| SUB-TOTAL | | $132,850.70 |
| BOND (1%) | 1.00% | $1,328.51 |

**GRAND TOTAL:** **$134,179.20**

IPC PAVING

7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## Demo Saw Cut and Slurry Clean Up

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

0

### LABOR

| | DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|---|
| | | | | | $ - |
| | LABORER | 4 | 20.00 | 19.37 | $ 1,549.60 |
| | OPERATOR LOADER | 1 | 5.00 | 22.36 | $ 111.80 |
| | | | | | $ - |
| | | | | | $ - |
| | | | | | $ -

| | Summary | Total |
|---|---|---|
| 1 | Demo Saw and Slurry Clean Up | $ 27,860.41 |
| 2 | Pull and Haul to Dump Site | $ 9,252.47 |
| 3 | Form and Pour P306 Lean Concrete | $ 32,317.00 |
| 4 | Form and Pour P501 Concrete | $ 134,179.20 |
| 5 | Clean Up and Final Seal Slabs | $ 9,693.42 |
| | | $ 213,302.50 |

| | | | Unit Rate |
|---|---|---|---|
| Isolated Slab Remove and Replace | 333 | SY | $ 640.55 |

**Wharton Supply Inc. of Virginia**
**7620 Backlick Road**
**Springfield, VA 22150**
**Cell: 678-549-0751  Fax: 888-382-0218**

# QUOTATION

**Project Quote: KMCO TW G & H Rehab**
**Orlando, FL 32827**

**Bid Date** 16 Mar., 2024
**Quote Date** 11 Mar., 2024
**Payment Terms** **Net 30 Days**

**IPC Paving, LLC**
2875 Navigator Ave.,
Sanford, FL 32773

Attn: Dave Ammon
Phone: 407-888-8481
Fax:
E-Mail: dammon@ipcpaving.com

(Special Notes)

| Part Number | Qty | Unit | Description | Unit Price | Total |
|---|---|---|---|---|---|
| Black Rebar | 624 | ea | #8 x 15'-0", Grade 60, Plain, Straight | $ 26.75 | $ 16,692.00 |
| Rebar / WWF Supports | 1,500 | lf | 4" high Zig Zag x 8'-0", Plain Finish | $ 0.48 | $ 720.00 |
| Rebar / WWF Supports | 1,500 | lf | 8" high Zig Zag x 8'-0", Plain Finish | $ 0.74 | $ 1,110.00 |
| Estimated Freight | 1 | ea | Estimated LTL Freight for Rebar / WWF Supports shown above to jobsite, actual freight charges will be billed at time of delivery. | $ 3,500.00 | $ 3,500.00 |
| | | | | $ - | $ - |

All Prices Shown are FOB Jobsite, and is to be shipped in full truckloads, LTL shipments will incur additional shipping charges.

**Quote is good for 30 days, PO must be received within 30 days of project quote date. Quotes over 30 days old from quote date are subject to new pricing. Quoted pricing is good for deliveries through 8/31/2024 with PO prior to quote expiration. Materials to be delivered after 9/1/2024 must be re-bid.**

******MATERIALS MUST BE RELEASED FOR PRODUCTION A MINIMUM OF 60 DAYS PRIOR TO ESCALATION DATES******

Estimated lead time for shipment is 2-3 weeks after receipt of order and approved submittals, DEPENDING ON RAW MATERIAL AVAILABILITY.

*Billable Length = Lane Length, Not Length of Basket*

TERMS OF PAYMENT - All shipments are made on NET 30 DAYS. Wharton reserves the right to require payment in full before shipment, or in the case of products made to special order, before the manufacture thereof. Each shipment shall be deemed a separate and independent transaction and payment shall be made accordingly. PAST DUE ACCOUNTS ARE SUBJECT TO A 1.5% PER MONTH SERVICE CHARGE. All credits issued to the customer must be used within 120 days.

This quote includes products that are made-to-order, and cannot be returned. Please verify the quantity, size, finish, and any other requirements before placing the order. Cancellation/Quantity reduction of order lines for made-to-order products after production has begun will result in billing of full purchase price to customer.

*Payments made with a credit card will incur a mandatory 3% service fee in addition to the total invoice cost.*

*All materials listed in this quotation are considered part of the entire quotation. Any deletions to these materials will not be permitted without the consent of Wharton Supply sales department.*

All materials, and freight where applicable, are subject to sales tax at the point of delivery.
Buyer is responsible for all applicable taxes. Tax exempt certificates must be provided at time of order if applicable.

| | |
|---|---|
| **SUB TOTAL** | **$ 22,022.00** |
| **TAX** | **$ -** |
| **TOTAL** | **$ 22,022.00** |

**THANK YOU !!!**

**Russ Goodwin**

RMGoodAssocLLC@hotmail.com

***Quantities are for estimating purposes only and subject to actual job requirements.***

# Wharton Supply Inc. of Virginia

# INVOICE 38869V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151283

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.,<br>ORLANDO,FL 32827 |

Customer: 22 00 385130
Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 01/31/24

008
8720

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD:

Printed on 01/31/24 09:46:28.09

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX IS INCLUDED

BILLED AS STORED MATERIALS
FREIGHT CHARGES WILL BE BILLED AT THE
TIME OF DELIVERY.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | DOWELS-1-1/2"X20",EPOXY & TECTYL CTD.,STD.SKID | 13,100.00 | 7.4400 | 97,464.00 |
| 993 | 17"P BASKETS-1-1/2"X20"@18"OC, EPOXY & TECTYL CTD., | 16,308.00 | 7.6000 | 123,940.80 |
| 994 | 12"HIGH ZIG ZAG X8'-0"PLAIN | 103,000.00 | .8400 | 86,520.00 |

| | |
|---|---|
| Shipping/Handling | .00 |
| Subtotal | 307,924.80 |
| Sales Tax | 18,500.49 |
| TOTAL | 326,425.29 |

Page 1

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*1½% PER MONTH SERVICE CHARGE ON ALL AMOUNTS DUE AFTER 30 DAYS. THIS IS EQUAL TO 18% PER ANNUM SIMPLE INTEREST. ALL EXPENSES INCURRED IN COLLECTING PAST DUE ACCOUNTS WILL BE ADDED TO AMOUNT DUE, AND BECOME CUSTOMERS LIABILITY.ALL MATERIAL IF ACCEPTED FOR RETURN SUBJECT TO A MINIMUM 10% HANDLING CHARGE.

# Wharton Supply Inc. of Virginia

# INVOICE 39015V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151420

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.,<br>ORLANDO,FL 32827 |

Customer: 22 00 385130
Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 02/07/24

008
8904

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD: Printed on 02/07/24 08:53:14.08

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | GROUT RINGS-1-1/2"INSIDE DIA.PLASTIC | 3,200.00 | .1800 | 576.00 |

FEDEX GROUND TO JOBSITE

| | |
|---|---|
| Shipping/Handling | 76.60 |
| Subtotal | 652.60 |
| Sales Tax | 34.56 |
| TOTAL | 687.16 |



For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
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# Wharton Supply Inc. of Virginia

# INVOICE 39478V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151913

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

Customer: 22 00 385130

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.,<br>ORLANDO,FL 32827 |

Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 02/28/24

008
8919

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD: Printed on 02/28/24 11:29:27.11

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | WWF 6X6/D8.0XD8.0-8'X20'SHTS, PLAIN FINISH | 270.00 | 117.2500 | 31,657.50 |

| | |
|---|---|
| Shipping/Handling | .00 |
| Subtotal | 31,657.50 |
| Sales Tax | 1,899.45 |
| TOTAL | 33,556.95 |



For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
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# Wharton Supply Inc. of Virginia

# INVOICE 39479V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151916

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

Customer: 22 00 385130

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.,<br>ORLANDO,FL 32827 |

Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 02/28/24

008
8919

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD:

Printed on 02/28/24 11:29:32.11

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | WWF 6X6/D8.0XD8.0-8'X20'SHTS, PLAIN FINISH | 270.00 | 117.2500 | 31,657.50 |

| | |
|---|---|
| Shipping/Handling | .00 |
| Subtotal | 31,657.50 |
| Sales Tax | 1,899.45 |
| TOTAL | 33,556.95 |



For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
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# Wharton Supply Inc. of Virginia

# INVOICE 39480V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151919

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

Customer: 22 00 385130

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.,<br>ORLANDO,FL 32827 |

Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 02/28/24

008
8919

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD: Printed on 02/28/24 11:29:36.11

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | WWF 6X6/D8.0XD8.0-8'X20'SHTS, PLAIN FINISH | 270.00 | 117.2500 | 31,657.50 |

| | |
|---|---|
| Shipping/Handling | .00 |
| Subtotal | 31,657.50 |
| Sales Tax | 1,899.45 |
| TOTAL | 33,556.95 |



For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
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# Wharton Supply Inc. of Virginia

# INVOICE 39508V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151920

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

Customer: 22 00 385130

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.,<br>ORLANDO,FL 32827 |

Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 02/29/24

008
8920

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD: Printed on 02/29/24 09:22:39.09

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | WWF 6X6/D8.0XD8.0-8'X20 SHTS, PLAIN FINISH | 270.00 | 117.2500 | 31,657.50 |

| | |
|---|---|
| Shipping/Handling | .00 |
| Subtotal | 31,657.50 |
| Sales Tax | 1,899.45 |
| TOTAL | 33,556.95 |

Page 1

For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
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# Wharton Supply Inc. of Virginia

# INVOICE 39509V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 152006

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

Customer: 22 00 385130

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD. G-403<br>ORLANDO,FL 32827 |

Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 02/29/24

008
8920

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD:

Printed on 02/29/24 09:22:41.09

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | FIBER-ASTM D1751-3/4"X21"X10'-0", UN-PUNCHED | 4,600.00 | 3.4000 | 15,640.00 |

FREIGHT TO JOBSITE

| | |
|---|---|
| Shipping/Handling | 3,600.00 |
| Subtotal | 19,240.00 |
| Sales Tax | 938.40 |
| TOTAL | 20,178.40 |



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# Wharton Supply Inc. of Virginia

# INVOICE 39544V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151996

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.,<br>ORLANDO,FL 32827 |

Customer: 22 00 385130
Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 03/01/24

008
8100

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD:

Printed on 03/01/24 10:58:02.10

ORLANDO INTERNATIONAL AIRPORT
INTERSECTION-CARGO ST.& CANAL RD.-VIA GATE #402
ORLANDO,FL 32827

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 993 | EPOXY-SP 117-10 GAL UNITS | 540.00 | 46.5000 | 25,110.00 |

1 LTL FREIGHT TO JOBSITE- EPOXY

| | |
|---|---|
| Shipping/Handling | 1,765.00 |
| Subtotal | 26,875.00 |
| Sales Tax | 1,506.60 |
| TOTAL | 28,381.60 |

Page 1

For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
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# Wharton Supply Inc. of Virginia

# INVOICE 39611V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 151990

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEFF FUQUA BLVD.<br>ORLANDO, FL 32827 |

Customer: 22 00 385130
Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 03/05/24

008
8102

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD: Printed on 03/05/24 10:48:07.10

ORLANDO INTERNATIONAL AIRPORT
INTERSECTION-CARGO ST.& CANAL ROAD VIA GATE #402
ORLANDO,FL 32827

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | CURE-THINFILM 445-275 GAL TOTES | 3,025.00 | 3.9000 | 11,797.50 |

1 FLATBED FREIGHT TO JOBSITE-CURE

| | |
|---|---|
| Shipping/Handling | 2,750.00 |
| Subtotal | 14,547.50 |
| Sales Tax | 707.85 |
| TOTAL | 15,255.35 |



For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
*1½% PER MONTH SERVICE CHARGE ON ALL AMOUNTS DUE AFTER 30 DAYS. THIS IS EQUAL TO 18% PER ANNUM SIMPLE INTEREST. ALL EXPENSES INCURRED IN COLLECTING PAST DUE ACCOUNTS WILL BE ADDED TO AMOUNT DUE, AND BECOME CUSTOMERS LIABILITY.ALL MATERIAL IF ACCEPTED FOR RETURN SUBJECT TO A MINIMUM 10% HANDLING CHARGE.

# Wharton Supply Inc. of Virginia

# INVOICE 39641V

7620 Backlick Road * Springfield, VA 22150 * (703) 569-6660

Ticket 152137

Please Remit To: 7724 North Crescent Blvd. * Pennsauken, NJ 08110

Customer: 22 00 385130

| BILL TO | SHIP TO |
|---|---|
| IPC PAVING LLC | OIA BP-497 TW G&H REHAB |
| 2605 W. LAKE MARY BLVD<br>SUITE 115<br>LAKE MARY FL 32746 | IPC PAVING<br>1 JEEF FUQU BLVD.,<br>ORLANDO,FL 32827 |

Purchase Order: 128-002
Delivery/Pick up: Drop Ship
Sales Tax: FLORANGE .065000
Invoice Date: 03/06/24

008
8103

RUSSEL GOODWIN LOPEZJ

MATERIAL AND EQUIPMENT SOLD:

Printed on 03/07/24 13:17:17.13

THE STATE OF FLORIDA 6% SALES TAX IS INCLUDED
ORANGE COUNTY 0.5% SURTAX HAS BEEN SATISFIED
FOR THIS PO.

| Product No | Description | Quantity | Unit Price | Amount |
|---|---|---|---|---|
| 992 | WWF 6X6/D8.0 X D8.0-8'X20'SHTS, PLAIN FINISH | 80.00 | 117.2500 | 9,380.00 |

| | |
|---|---|
| Shipping/Handling | .00 |
| Subtotal | 9,380.00 |
| Sales Tax | 562.80 |
| TOTAL | 9,942.80 |



For Wharton sales it is agreed by the purchaser, that title of the said goods shall not pass, until the purchase price is paid in full, and said goods shall remain the property of the above named company until that time. It is mutually agreed that the billing of said goods is for convenience only and does not carry title with it, and that in the case of default of payment, or in the case of removal of said goods or any part thereof without the consent of above named company, the latter shall have the right to resume immediate possession of same wherever it may be found, and remove it with or without process of law and may declare this agreement terminated and may retain all money paid hereunder as liquidated damages and rental for said goods. In the event a claim is placed in an attorney's hands for collection or the event of litigation, a reasonable attorney's fee and cost shall be added thereto.
*1½% PER MONTH SERVICE CHARGE ON ALL AMOUNTS DUE AFTER 30 DAYS. THIS IS EQUAL TO 18% PER ANNUM SIMPLE INTEREST. ALL EXPENSES INCURRED IN COLLECTING PAST DUE ACCOUNTS WILL BE ADDED TO AMOUNT DUE, AND BECOME CUSTOMERS LIABILITY.ALL MATERIAL IF ACCEPTED FOR RETURN SUBJECT TO A MINIMUM 10% HANDLING CHARGE.

# ADDENDUM 1

## A.1 SCHEDULE OF VALUES:

| GOVERNING SPECIFCATION | DESCRIPTION | APPROXIMATE QUANTITY | UNIT | UNIT RATE | TOTAL |
|---|---|---|---|---|---|
| P-105 | Mobilization | 5.00 | EA | $12,000.00 | $60,000.00 |
| CSPP | Badging | 6.00 | EA | $2,750.00 | $16,500.00 |
| P-605 | Clean, Saw, Bevel, Reseal Existing Joints up to 1"x2" | 116,900.00 | LF | $5.25 | $613,725.00 |
| P-605 | Clean, Saw, Bevel, Reseal Existing Joints greater than 1"x2" (Contingency) | 5,280.00 | LF | $7.25 | $38,280.00 |
| P-605 | Clean, Saw, Bevel, Seal New Construction/Contraction Joint | 13,350.00 | LF | $4.00 | $53,400.00 |
| P-605 | Clean, Saw, Bevel, Seal New Concrete to Asphalt Joint | 10,070.00 | LF | $5.25 | $52,867.50 |
| P-605 | Clean, Saw, Bevel, Seal New Isolation Joint | 3,740.00 | LF | $5.25 | $19,635.00 |
| P-100 | P & P Bond | 1.00 | EA | 1% | TBD |
| | | | | TOTAL | $854,407.50 |

** Final as-built quantity will dicated final total amount.*

Concrete cutting for the contract rate has been established at $5.25/LF for 17" concrete pavement. Per inch foot this calculates at $5.25/17" equals $0.308/LF-in ~$0.31

Contractor
By _____

Subcontractor
By KBC

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No.1 ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL (SLABS IN RSA AREA) - IPC**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | P-501-8.2A | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLA | 333.00 | SY | $640.55 | | | | | $213,302.48 | $213,302.48 |
| | | | | | | | | | | | 213,302.48 |
| | | **Subtotal** | | | | 0.00 | $0.00 | $0.00 | $0.00 | $213,302.48 | $213,302.48 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $0.00 | $0.00 | $0.00 | $17,064.20 | $17,064.20 |
| | | **Subtotal** | | | | | | | | | $230,366.68 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 333.00 | SY | $691.79 | | | | | | $230,366.68 |

Total Price of Iso Panel Remove and Replace including added reinforcement $691.79

Contract Unit price for P-501-8.2 Iso Panel Remove and Replace $458.87.

$691.79
- $458.87
---
$ 232.86 (Proposed Unit Price)

IPC PAVING

7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## Demo Saw Cut and Slurry Clean Up

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

0

### LABOR

| DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|
| **Slurry Clean Up** | | | | $ - |
| LABORER | 1 | 40.00 | $ 19.37 | $ 774.80 |
| OPERATOR LOADER | 1 | 40.00 | $ 22.36 | $ 894.40 |
| TRUCK DRIVER | 1 | 40.00 | $ 19.37 | $ 774.80 |
| | | | | $ - |
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| | | | | $ - |
| Direct Labor | | | | $ 2,444.00 |
| Burden | | | 42.00% | $ 1,026.48 |
| Subtotal | | | | $ 3,470.48 |
| | | Markup | 10.0% | $ 347.05 |
| TOTAL LABOR COSTS: | | | | $ 3,817.53 |

### MATERIAL

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| | | | $ - | $ - |
| | | | $ - | $ - |
| | | | $ - | $ - |
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| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| Materials Subtotal | | | | $ - |
| Sales Tax | | | 6.5% | $ - |
| Materials Total | | | | $ - |
| | | Markup: | 10.0% | $ - |
| TOTAL MATERIAL COSTS: | | | | $ - |

### SUBCONTRACTORS / OUTSIDE SERVICES

| Subcontractor / Outside Services | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| Dankel Concrete Cutting | 47800 | IN-FT | 0.31 | $14,818.00 |
| Dankel Concrete Cutting and Coring | 19 | Each | 232.00 | $4,408.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| Subcontractor Subtotal | | | | $19,226.00 |
| | | Markup: | 10% | $1,922.60 |
| TOTAL SUB COSTS: | | | | $21,148.60 |

### EQUIPMENT

| SIZE AND CLASS | NO. | EQUIP NO. | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| BROOM | 1.00 | | 40.00 | 0.00 | $ - |
| TRUCK VAC | 1.00 | | 40.00 | 47.34 | $ 1,893.60 |
| F250 CREW CAB | 1.00 | | 40.00 | 12.17 | $ 486.80 |
| | | | | | $ - |
| | | | | | $ - |
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| | | | | | $ - |
| Equipment Subtotal | | | | $ 2,380.40 |
| | | | Markup: 10.0% | $ 238.04 |
| TOTAL EQUIPMENT COSTS: | | | | $ 2,618.44 |

Quaifications:

**TOTALS:**

| | | |
|---|---|---|
| LABOR | | $3,817.53 |
| MATERIALS | | $0.00 |
| EQUIPMENT | | $2,618.44 |
| SUBCONTRACTORS | | $21,148.60 |
| SUB-TOTAL | | $27,584.57 |
| BOND (1%) | 1.00% | $275.85 |
| **GRAND TOTAL:** | | **$27,860.41** |

IPC PAVING
7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## Pull and Haul Slabs

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

### LABOR

| | DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|---|
| | **Pull Slabs** | | | | $ - |
| | LABORER | 2 | 40.00 | $ 19.37 | $ 1,549.60 |
| | OPERATOR LOADER | 1 | 20.00 | $ 22.36 | $ 447.20 |
| | | | | | $ - |
| | | | | | $ - |
| | | | | | $ -

7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## Lean Concrete Form and Pour

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

**LEAN CONCRETE READY MIX**

### LABOR

| DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|
| **Form and Grade** | | | | $ - |
| LABORER | 4 | 16.00 | $ 19.37 | $ 1,239.68 |
| OPERATOR LOADER | 1 | 4.00 | $ 22.36 | $ 89.44 |
| CONCRETE FORMAN | 1 | 4.00 | $ 46.83 | $ 187.32 |
| | | | | $ - |
| **Placement** | | | | $ - |
| LABORER | 4 | 32.00 | $ 19.37 | $ 2,479.36 |
| CONCRETE FINISHER | 4 | 32.00 | $ 24.12 | $ 3,087.36 |
| OPERATOR LOADER | 2 | 16.00 | $ 22.36 | $ 715.52 |
| CONCRETE FORMAN | 2 | 16.00 | $ 46.83 | $ 1,498.56 |
| | | | | $ - |
| **Green Saw Lean** | | | | $ - |
| OPERATOR SAW | 1 | 8.00 | $ 22.36 | $ 178.88 |
| | | | | $ - |
| | | | | $ - |
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| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| Direct Labor | | | | $ 9,476.12 |
| Burden | | | 42.00% | $ 3,979.97 |
| Subtotal | | | | $ 13,456.09 |
| | | Markup | 10.0% | $ 1,345.61 |
| TOTAL LABOR COSTS: | | | | $ 14,801.70 |

### MATERIAL

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| | | | | $ - |
| LEAN CONCRETE READY MIX | 60.00 | CY | $ 176.26 | $ 10,575.60 |
| CURE / BOND BREAKER | 40.00 | GAL | $ 4.50 | $ 180.00 |
| | | | $ - | $ - |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
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| | | | | $ - |
| | | | | $ - |
| Materials Subtotal | | | | $ 10,755.60 |
| Sales Tax | | | 6.5% | $ 699.11 |
| Materials Total | | | | $ 11,454.71 |
| | | Markup: | 10.0% | $ 1,145.47 |
| TOTAL MATERIAL COSTS: | | | | $ 12,600.19 |

### SUBCONTRACTORS / OUTSIDE SERVICES

| Subcontractor / Outside Services | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
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| | | | | $0.00 |
| | | | | $0.00 |
| Subcontractor Subtotal | | | | $0.00 |
| | | Markup: | 10% | $0.00 |
| TOTAL SUB COSTS: | | | | $0.00 |

### EQUIPMENT

| SIZE AND CLASS | NO. | EQUIP NO. | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| LOADER | 1.00 | | 20.00 | 79.63 | $ 1,592.60 |
| F250 CREW CAB | 4.00 | | 40.00 | 12.17 | $ 1,947.20 |
| LIGHT TOWERS | 6.00 | | 96.00 | | $ - |
| SCREED | 1.00 | | 8.00 | 52.50 | $ 420.00 |
| 60 HP SAW | 1.00 | | 8.00 | 27.20 | $ 217.60 |
| | | | | | $ - |
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| | | | | | $ - |
| Equipment Subtotal | | | | $ 4,177.40 |
| | | | Markup: 10.0% | $ 417.74 |
| TOTAL EQUIPMENT COSTS: | | | | $ 4,595.14 |

Quaifications:

**TOTALS:**

| | | |
|---|---|---|
| LABOR | | $14,801.70 |
| MATERIALS | | $12,600.19 |
| EQUIPMENT | | $4,595.14 |
| SUBCONTRACTORS | | $0.00 |
| $0.00 | | |
| SUB-TOTAL | | $31,997.02 |
| BOND (1%) | 1.00% | $319.97 |

**GRAND TOTAL:** **$32,317.00**

7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## P501 Concrete Form and Pour

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

**PURCHASE READY MIX P501**

### LABOR

| DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|
| **Form and Grade / Tie Steel Mats** | | | | $ - |
| LABORER | 4 | 120.00 | $ 19.37 | $ 9,297.60 |
| OPERATOR LOADER | 1 | 30.00 | $ 22.36 | $ 670.80 |
| CONCRETE FORMAN | 1 | 30.00 | $ 46.83 | $ 1,404.90 |
| | | | | $ - |
| **Placement** | | | | $ - |
| LABORER | 4 | 80.00 | $ 19.37 | $ 6,198.40 |
| CONCRETE FINISHER | 4 | 80.00 | $ 24.12 | $ 7,718.40 |
| OPERATOR LOADER | 2 | 40.00 | $ 22.36 | $ 1,788.80 |
| CONCRETE FORMAN | 2 | 40.00 | $ 46.83 | $ 3,746.40 |
| | | | | $ - |
| **Green Saw Lean** | | | | $ - |
| OPERATOR SAW | 1 | 20.00 | $ 22.36 | $ 447.20 |
| | | | | $ - |
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| Direct Labor | | | | $ 31,272.50 |
| Burden | | | 42.00% | $ 13,134.45 |
| Subtotal | | | | $ 44,406.95 |
| | | Markup | 10.0% | $ 4,440.70 |
| TOTAL LABOR COSTS: | | | | $ 48,847.65 |

### MATERIAL

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| | | | | $ - |
| PURCHASE READY MIX P501 | 170.00 | CY | $ 192.24 | $ 32,680.80 |
| CONTRACTION JOINT ASSEMBLIES | 140.00 | LF | $ 4.50 | $ 630.00 |
| LOOSE DOWELS | 434.00 | EA | $ 7.69 | $ 3,337.46 |
| CURE | 55 | GAL | $ 4.50 | $ 247.50 |
| EPOXY | 5 | GAL | $ 46.79 | $ 233.95 |
| #8 Rebar Steel | 624 | EA | $ 35.30 | $ 22,027.20 |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| Materials Subtotal | | | | $ 59,156.91 |
| Sales Tax | | | 6.5% | $ 3,845.20 |
| Materials Total | | | | $ 63,002.11 |
| | | Markup: | 10.0% | $ 6,300.21 |
| TOTAL MATERIAL COSTS: | | | | $ 69,302.32 |

### SUBCONTRACTORS / OUTSIDE SERVICES

| Subcontractor / Outside Services | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
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| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| Subcontractor Subtotal | | | | $0.00 |
| | | Markup: | 10% | $0.00 |
| TOTAL SUB COSTS: | | | | $0.00 |

### EQUIPMENT

| SIZE AND CLASS | NO. | EQUIP NO. | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| LOADER | 1.00 | | 50.00 | 79.63 | $ 3,981.50 |
| F250 CREW CAB | 4.00 | | 160.00 | 12.17 | $ 7,788.80 |
| LIGHT TOWERS | 6.00 | | 120.00 | | $ - |
| SCREED | 1.00 | | 20.00 | 52.50 | $ 1,050.00 |
| 60 HP SAW | 1.00 | | 20.00 | 27.20 | $ 544.00 |
| | | | | | $ - |
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| Equipment Subtotal | | | | $ 13,364.30 |
| | | | Markup: 10.0% | $ 1,336.43 |
| TOTAL EQUIPMENT COSTS: | | | | $ 14,700.73 |

Quaifications:

**TOTALS:**

| | | |
|---|---|---|
| LABOR | | $48,847.65 |
| MATERIALS | | $69,302.32 |
| EQUIPMENT | | $14,700.73 |
| SUBCONTRACTORS | | $0.00 |
| $0.00 | | |
| SUB-TOTAL | | $132,850.70 |
| BOND (1%) | 1.00% | $1,328.51 |

**GRAND TOTAL:** **$134,179.20**

IPC PAVING

7800 Southland Blvd., Suite 109
Orlando, FL 32809
Ph: (407) 888-8481 Fax: (407) 888-8482

# Isolated Slab Removal Bulletin 1

## Demo Saw Cut and Slurry Clean Up

DATE: 7/7/2024

PAGE: 1 OF 1

PROJECT NO.: 4249424499

CONTRACT NO.: 6011.010489

IPC JOB No.: 128 BP-497 OIA

DESCRIPTION OF WORK / DELAY:

0

### LABOR

| | DESCRIPTION | NO. | TOTAL HOUR | RATE | AMOUNT |
|---|---|---|---|---|---|
| | | | | | $ - |
| | LABORER | 4 | 20.00 | 19.37 | $ 1,549.60 |
| | OPERATOR LOADER | 1 | 5.00 | 22.36 | $ 111.80 |
| | | | | | $ - |
| | | | | | $ - |
| | | | | | $ -

| | Summary | Total |
|---|---|---|
| 1 | Demo Saw and Slurry Clean Up | $ 27,860.41 |
| 2 | Pull and Haul to Dump Site | $ 9,252.47 |
| 3 | Form and Pour P306 Lean Concrete | $ 32,317.00 |
| 4 | Form and Pour P501 Concrete | $ 134,179.20 |
| 5 | Clean Up and Final Seal Slabs | $ 9,693.42 |
| | | $ 213,302.50 |

| | | | Unit Rate |
|---|---|---|---|
| Isolated Slab Remove and Replace | 333 | SY | $ 640.55 |

**Wharton Supply Inc. of Virginia**
**7620 Backlick Road**
**Springfield, VA 22150**
**Cell: 678-549-0751  Fax: 888-382-0218**

# QUOTATION

**Project Quote: KMCO TW G & H Rehab**
**Orlando, FL 32827**

**Bid Date** 16 Mar., 2024
**Quote Date** 11 Mar., 2024
**Payment Terms** **Net 30 Days**

**IPC Paving, LLC**
2875 Navigator Ave.,
Sanford, FL 32773

Attn: Dave Ammon
Phone: 407-888-8481
Fax:
E-Mail: dammon@ipcpaving.com

(Special Notes)

| Part Number | Qty | Unit | Description | Unit Price | Total |
|---|---|---|---|---|---|
| Black Rebar | 624 | ea | #8 x 15'-0", Grade 60, Plain, Straight | $ 26.75 | $ 16,692.00 |
| Rebar / WWF Supports | 1,500 | lf | 4" high Zig Zag x 8'-0", Plain Finish | $ 0.48 | $ 720.00 |
| Rebar / WWF Supports | 1,500 | lf | 8" high Zig Zag x 8'-0", Plain Finish | $ 0.74 | $ 1,110.00 |
| Estimated Freight | 1 | ea | Estimated LTL Freight for Rebar / WWF Supports shown above to jobsite, actual freight charges will be billed at time of delivery. | $ 3,500.00 | $ 3,500.00 |
| | | | | $ - | $ - |

All Prices Shown are FOB Jobsite, and is to be shipped in full truckloads, LTL shipments will incur additional shipping charges.

**Quote is good for 30 days, PO must be received within 30 days of project quote date. Quotes over 30 days old from quote date are subject to new pricing. Quoted pricing is good for deliveries through 8/31/2024 with PO prior to quote expiration. Materials to be delivered after 9/1/2024 must be re-bid.**

******MATERIALS MUST BE RELEASED FOR PRODUCTION A MINIMUM OF 60 DAYS PRIOR TO ESCALATION DATES******

Estimated lead time for shipment is 2-3 weeks after receipt of order and approved submittals, DEPENDING ON RAW MATERIAL AVAILABILITY.

*Billable Length = Lane Length, Not Length of Basket*

TERMS OF PAYMENT - All shipments are made on NET 30 DAYS. Wharton reserves the right to require payment in full before shipment, or in the case of products made to special order, before the manufacture thereof. Each shipment shall be deemed a separate and independent transaction and payment shall be made accordingly. PAST DUE ACCOUNTS ARE SUBJECT TO A 1.5% PER MONTH SERVICE CHARGE. All credits issued to the customer must be used within 120 days.

This quote includes products that are made-to-order, and cannot be returned. Please verify the quantity, size, finish, and any other requirements before placing the order. Cancellation/Quantity reduction of order lines for made-to-order products after production has begun will result in billing of full purchase price to customer.

*Payments made with a credit card will incur a mandatory 3% service fee in addition to the total invoice cost.*

*All materials listed in this quotation are considered part of the entire quotation. Any deletions to these materials will not be permitted without the consent of Wharton Supply sales department.*

All materials, and freight where applicable, are subject to sales tax at the point of delivery.
Buyer is responsible for all applicable taxes. Tax exempt certificates must be provided at time of order if applicable.

| | |
|---|---|
| **SUB TOTAL** | **$ 22,022.00** |
| **TAX** | **$ -** |
| **TOTAL** | **$ 22,022.00** |

**THANK YOU !!!**

**Russ Goodwin**

RMGoodAssocLLC@hotmail.com

***Quantities are for estimating purposes only and subject to actual job requirements.***

**PAY APPLICATION 5** | **CONTRACTOR: Hubbard Construction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| | | **Base Bid** | | | | | | | | | | | | | | | | | | | |
| 1 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 418,000.00 | 418,000.00 | | | 1.00 | 418,000.00 | 0.25 | 104,500.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 104,500.00 | 0.75 | 313,500.00 | 25% |
| 2 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 250,000.00 | 250,000.00 | | | 1.00 | 250,000.00 | 0.10 | 25,000.00 | 0.40 | 100,000.00 | 0.00 | | 0.50 | 125,000.00 | 0.50 | 125,000.00 | 50% |
| 3 | C-105-1 | MOBILIZATION | 1 | LS | 1,970,000.00 | 1,970,000.00 | | | 1.00 | 1,970,000.00 | 0.25 | 492,500.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 492,500.00 | 0.75 | 1,477,500.00 | 25% |
| 4 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 3,154,000.00 | 3,154,000.00 | | | 1.00 | 3,154,000.00 | 0.20 | 630,800.00 | 0.30 | 946,200.00 | 0.00 | | 0.50 | 1,577,000.00 | 0.50 | 1,577,000.00 | 50% |
| 5 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 19500 | SY | 60.00 | 1,170,000.00 | | | 19,500.00 | 1,170,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 19,500.00 | 1,170,000.00 | 0% |
| 6 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 29000 | SY | 9.62 | 278,980.00 | | | 29,000.00 | 278,980.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 29,000.00 | 278,980.00 | 0% |
| 7 | P-101-5.3 | ASPHALT FULL STRENGTH TAXIWAY PAVEMENT REMOVAL | 975 | SY | 17.59 | 17,150.25 | | | 975.00 | 17,150.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 975.00 | 17,150.25 | 0% |
| 8 | P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | 70000 | LF | 6.40 | 448,000.00 | | | 70,000.00 | 448,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 70,000.00 | 448,000.00 | 0% |
| 9 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 5300 | LF | 6.75 | 35,775.00 | | | 5,300.00 | 35,775.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5,300.00 | 35,775.00 | 0% |
| 10 | P-101-5.6 | CONCRETE SPALL REPAIR | 140 | SF | 315.00 | 44,100.00 | | | 140.00 | 44,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 140.00 | 44,100.00 | 0% |
| 11 | P-101-5.7 | PROFILE COLD MILLING, 4"± DEPTH | 7750 | SF | 10.97 | 85,017.50 | | | 7,750.00 | 85,017.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,750.00 | 85,017.50 | 0% |
| 12 | P-101-5.8 | DRAINAGE CONCRETE REMOVAL NOT ASSOCIATED WITH THE DEMOLITION OF AN EXISTING STRUCTURE | 250 | SY | 24.83 | 6,207.50 | | | 250.00 | 6,207.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 250.00 | 6,207.50 | 0% |
| 13 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 6750 | CY | 10.01 | 67,567.50 | | | 6,750.00 | 67,567.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 6,750.00 | 67,567.50 | 0% |
| 14 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 3800 | CY | 0.01 | 38.00 | | | 3,800.00 | 38.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3,800.00 | 38.00 | 0% |
| 15 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 24750 | SY | 18.54 | 458,865.00 | | | 24,750.00 | 458,865.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 24,750.00 | 458,865.00 | 0% |
| 16 | P-211.5.2 | LIME ROCK BASE COURSE - 12 INCH DEPTH | 225 | SY | 43.11 | 9,699.75 | | | 225.00 | 9,699.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 225.00 | 9,699.75 | 0% |
| 17 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 15500 | SY | 54.58 | 845,990.00 | | | 15,500.00 | 845,990.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 15,500.00 | 845,990.00 | 0% |
| 18 | P-401-8.1 | ASPHALT PAVEMENT | 7600 | TON | 288.00 | 2,188,800.00 | | | 7,600.00 | 2,188,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,600.00 | 2,188,800.00 | 0% |
| 19 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH | 14200 | SY | 192.80 | 2,738,044.00 | | | 14,200.00 | 2,738,044.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 14,200.00 | 2,738,044.00 | 0% |
| 20 | P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | 300 | SY | 458.87 | 137,661.00 | | | 300.00 | 137,661.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 300.00 | 137,661.00 | 0% |
| 21 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 42000 | SF | 2.23 | 93,660.00 | | | 42,000.00 | 93,660.00 | 4,309.00 | 9,609.07 | 0.00 | 0.00 | 0.00 | | 4,309.00 | 9,609.07 | 37,691.00 | 84,050.93 | 10% |
| 22 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 50000 | SF | 1.17 | 58,500.00 | | | 50,000.00 | 58,500.00 | 4,669.00 | 5,462.73 | 0.00 | 0.00 | 0.00 | | 4,669.00 | 5,462.73 | 45,331.00 | 53,037.27 | 9% |
| 23 | P-620-5.3 | SURFACE PAINTED HOLD POSITION SIGNS | 2600 | SF | 8.48 | 22,048.00 | | | 2,600.00 | 22,048.00 | 960.00 | 8,140.80 | 0.00 | 0.00 | 0.00 | | 960.00 | 8,140.80 | 1,640.00 | 13,907.20 | 37% |
| 24 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 12000 | SF | 2.85 | 34,200.00 | | | 12,000.00 | 34,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 12,000.00 | 34,200.00 | 0% |
| 25 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 65000 | SF | 2.98 | 193,700.00 | | | 65,000.00 | 193,700.00 | 11,326.00 | 33,751.48 | 4,650.00 | 13,857.00 | 0.00 | | 15,976.00 | 47,608.48 | 49,024.00 | 146,091.52 | 25% |
| 26 | T-904-5.1 | SODDING | 65000 | SY | 4.63 | 300,950.00 | | | 65,000.00 | 300,950.00 | 870.00 | 4,028.10 | 0.00 | 0.00 | 0.00 | | 870.00 | 4,028.10 | 64,130.00 | 296,921.90 | 1% |
| 27 | 110-3 | REMOVAL OF EXISTNG STRUCTURES | 17 | EA | 4,012.96 | 68,220.32 | | | 17.00 | 68,220.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 17.00 | 68,220.32 | 0% |
| 28 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 16 | CY | 2,752.53 | 44,040.48 | | | 16.00 | 44,040.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 16.00 | 44,040.48 | 0% |
| 29 | 425-11 | MODIFY EXISTING DRAINAGE STRUCTURE | 1 | EA | 8,360.98 | 8,360.98 | | | 1.00 | 8,360.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 8,360.98 | 0% |
| 30 | 430-175-124 | PIPE CULVERT, 24" S/CD (RCP)(CLASS V) | 226 | LF | 220.70 | 49,878.20 | | | 226.00 | 49,878.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 226.00 | 49,878.20 | 0% |
| 31 | 430-175-130 | PIPE CULVERT, 30" S/CD (RCP)(CLASS V) | 72 | LF | 344.09 | 24,774.48 | | | 72.00 | 24,774.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 72.00 | 24,774.48 | 0% |
| 32 | 430-175-136 | PIPE CULVERT, 36" S/CD (RCP)(CLASS V) | 456 | LF | 315.33 | 143,790.48 | | | 456.00 | 143,790.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 456.00 | 143,790.48 | 0% |
| 33 | 430-536-102 | STRAIGHT CONCRETE ENDWALLS, 36", DOUBLE, 0 DEGREES, ROUND | 2 | EA | 17,077.94 | 34,155.88 | | | 2.00 | 34,155.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 34,155.88 | 0% |
| 34 | D-705-5.1 | PIPE UNDERDRAIN - COMPLETE (PERFORATED AND NON-PERFORATED) | 1400 | LF | 57.71 | 80,794.00 | | | 1,400.00 | 80,794.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,400.00 | 80,794.00 | 0% |
| 35 | D-751-5.1 | MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-7) | 1 | EA | 39,315.36 | 39,315.36 | | | 1.00 | 39,315.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 39,315.36 | 0% |

| SYMBOL | NEW ITEM DESCRIPTION |
|---|---|
| NE | L-852C(L), BIDIRECTIONAL, GREEN, LED, STYLE 3, T/W CENTERLINE LIGHT, MOUNTED ON AN EXISTING L-868B DEEP LIGHT BASE UTILIZING EXISTING SPACER RING(S) (W/CONCRETE RING), PROPERLY SIZED L-830 TRANSFORMER, L-823 CONNECTORS, AND ALL INCIDENTALS. ALIGN AND LEVEL AS REQUIRED. |
| * | L-852D(L), BIDIRECTIONAL, GREEN, LED, STYLE 3, T/W CENTERLINE LIGHT, MOUNTED ON AN EXISTING L-868B DEEP LIGHT BASE UTILIZING EXISTING SPACER RING(S) (W/CONCRETE RING), PROPERLY SIZED L-830 TRANSFORMER, L-823 CONNECTORS, AND ALL INCIDENTALS. ALIGN AND LEVEL AS REQUIRED. *MODIFIERS APPLICABLE: C, NE |
| Y C | L-852D(L), BIDIRECTIONAL, YELLOW, LED, STYLE 3, T/W CENTERLINE LIGHT, MOUNTED ON AN EXISTING L-868B DEEP LIGHT BASE UTILIZING EXISTING SPACER RING(S) (W/CONCRETE RING), PROPERLY SIZED L-830 TRANSFORMER, L-823 CONNECTORS, AND ALL INCIDENTALS IN AN ISOLATED CONCRETE SLAB REPLACEMENT. |
| NR | EXISTING L-852S, UNIDIRECTIONAL, RED, FAA RUNWAY STATUS LIGHT (RWSL), MOUNTED ON AN EXISTING L-868B DEEP LIGHT BASE UTILIZING EXISTING SPACER RING(S) (W/CONCRETE RING), PROPERLY SIZED L-830 TRANSFORMER, L-823 CONNECTORS, AND ALL INCIDENTALS IN AN ISOLATED SLAB REPLACEMENT. ALIGN AND LEVEL AS REQUIRED. |
| | FDOT CLASS B, BLUE RETROREFLECTIVE MARKER, INSTALLED COMPLETE WHERE SHOWN ON THE DRAWINGS. ADHESIVES USED SHALL BE AS SPECIFIED OR SUPPLIED BY THE RAISED REFLECTIVE MARKER MANUFACTURER FOR THE SPECIFIC PAVEMENT ENCOUNTERED. |
| | L-858(L) Y,R,L SIGN, SIZE 3 WITH LED/ LIGHT SOURCE INSTALLED ON A CONCRETE BASE WITH A L-867D 24" DEEP BASE CAN, WITH 1/2" THICK GALVANIZED STEEL COVER PLATE AND GASKET, PROPERLY SIZED L-830 TRANSFORMER(S), L-823 CONNECTORS, AND ALL INCIDENTALS. ALIGN AND LEVEL AS REQUIRED. |
| NE | L-861T(L), OMNIDIRECTIONAL, BLUE, LED, MITL, T/W EDGE LIGHT, COLUMN MOUNTED ON AN EXISTING L-867B/D DEEP LIGHT BASE INSTALLED WITH A "CORTEN" OR ACCEPTED EQUIVALENT BASE PLATE WITH GASKET, PROPERLY SIZED L-830 TRANSFORMER, L-823 CONNECTORS, AND ALL INCIDENTALS. THE OVERALL HEIGHT SHALL BE 14". ALIGN AND LEVEL AS REQUIRED. |
| * | L-861T(L), OMNIDIRECTIONAL, BLUE, LED, MITL, T/W EDGE LIGHT, COLUMN MOUNTED ON A L-867B/D TELESCOPING 24" DEEP LIGHT BASE WHEN INSTALLED IN ASPHALT PAVEMENT OR AN L-868B ONE PIECE DEEP LIGHT BASE WHEN INSTALLED IN CONCRETE, WITH A "CORTEN" OR ACCEPTED EQUIVALENT BASE PLATE WITH GASKET, PROPERLY SIZED L-830 TRANSFORMER, L-823 CONNECTORS, AND ALL INCIDENTALS. THE OVERALL HEIGHT SHALL BE 14". ALIGN AND LEVEL AS REQUIRED. * MODIFIERS APPLICABLE: N,A,E |
| B E | 1/2" GALVANIZED STEEL BLANK COVER FOR L-867B BASE CAN AND GASKET, SECURED WITH STAINLESS STEEL BOLTS WITH 6" P-510 INSTALLED IN PAVEMENT, EXISTING TELESCOPIC BASE SHALL BE EXTENDED TO REQUIRED HEIGHT OR BY INSTALLING A TOP CAN SECTION AS REQUIRED BY THE EXISTING INSTALLATION. SEE DETAILS. |
| B NE | 1/2" GALVANIZED STEEL BLANK COVER INSTALLED ON EXISTING L-867B BASE CAN AND GASKET, SECURED WITH STAINLESS STEEL BOLTS WITH 6" P-510 INSTALLED IN PAVEMENT. |
| B NE | 3/4" GALVANIZED STEEL BLANK COVER MOUNTED ON AN EXISTING L-868B DEEP LIGHT BASE UTILIZING EXISTING SPACER RING(S) (W/CONCRETE RING) AND ALL INCIDENTALS AND SECURED WITH STAINLESS STEEL BOLTS. |

| SYMBOL | NEW ITEM DESCRIPTION |
|---|---|
| XXXX LA S1 S2 | FIELD LIGHTNING ARRESTOR ASSEMBLY RATED 25,000 AMP (8/20mu SECOND DISCHARGE), A BRASS ID MARKER SHALL BE INSTALLED AT EACH BASE CAN OR MANHOLE ENCLOSING A FIELD LIGHTNING ARRESTOR. ID MARKER SHALL BE STAMPED "LA" AND CIRCUIT NUMBER IN 3/8" LETTERS. "XXXX" DENOTES CIRCUITS IN WHICH FIELD LIGHTNING ARRESTORS ARE INSTALLED. S1 = SUPPLY CONDUCTOR, S2 = RETURN CONDUCTOR. |
| | 3/4" X DIAMETER COPPER-CLAD STEEL SECTIONAL GROUND ROD, THE GROUND ROD SHALL HAVE EARTH RESISTANCE OF 5 OHMS PRIOR TO CONNECTION OF THE GROUND GRID OR COUNTERPOISE CONDUCTORS. |
| | NEW AIRFIELD LIGHTING CONDUIT. NUMBER OF HASH MARKS INDICATE THE NUMBER OF NEW L-824 5KV #8 AWG CABLES INSTALLED IN DUCT. DIRECTIONAL BORE OR OPEN TRENCH WHERE REQUIRED AS SHOWN IN THE PLANS. |
| | NEW CONCRETE ENCASED DUCT BANK XW4" CONDUIT |
| | CAP OR PLUG END OF CONDUIT. INCIDENTAL TO CONDUIT/DUCT WORK. |
| D | DUCT SECTION IDENTIFIER |
| | CONDUIT CONNECTION TO DRAIN SYSTEM. SEE DETAIL SHEET. |
| | DEMOLISH. REMOVE CABLE. DEMOLISH SIGN BASES. DEMOLISHED ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT. SEE SYMBOL MODIFIERS AND LEGEND ON SHEETS ED2.0.1-ED2.0.4 FOR SPECIFIC FIXTURE DEMOLITION WORK. |
| JP | JUNCTION CAN PLAZA |
| TP | L-823 CONNECTOR KIT INSTALLED AS A TEST POINT. SEE ELECTRICAL WIRING DIAGRAM DETAIL SHEET E7.0.13. |
| | BID SCHEDULE DELINEATION LINE / SPECIFIC NOTE CALLOUTS |

## INITIAL PROVISIONING OF CRITICAL PARTS/COMPONENTS

(testing contingency & consumables)
Per AIP Handbook 5100,38D chg. 1

CRITICAL PARTS/COMPONENTS LISTED ON THIS DRAWING AND PROVIDED AS A PART OF THIS PROJECT, SHALL BE ONSITE AND AVAILABLE FOR USE BY THE CONTRACTOR PRIOR TO THE SCHEDULED SYSTEM TESTING. ANY OF THE CRITICAL PARTS/COMPONENTS REPLACED TO SUPPORT TESTING EFFORTS SHALL BE RETURNED TO THE ORIGINAL EQUIPMENT MANUFACTURER (OEM) FOR REPAIR OR REPLACEMENT. ONCE THE CRITICAL PARTS/COMPONENTS ARE RECERTIFIED BY THE OEM, SHIP THE CRITICAL FACTORY PARTS COMPONENTS TO THE AIRPORTS RESIDENT PROJECT REPRESENTATIVE (RPR) FOR TURN OVER TO AIRPORT MAINTENANCE. CRITICAL PARTS/COMPONENTS NOT USED DURING TESTING SHALL BE DELIVERED TO THE AIRPORT'S RPR FOR TURN OVER TO AIRPORT MAINTENANCE.

THERE SHALL BE A MINIMUM OF ONE (1) UNIT OF EACH ITEM PROVIDED AS A PART/COMPONENT OF THE PROJECT.

THE FOLLOWING TABLE LISTS THE ELECTRICAL INITIAL PROVISIONING OF CRITICAL PARTS/COMPONENTS REQUIRED TO BE FURNISHED BY THE CONTRACTOR. ALL INITIAL PROVISIONING OF CRITICAL PARTS/COMPONENTS SHALL BE IDENTICAL TO THE SAME PARTS/COMPONENTS ACCEPTED AND INSTALLED IN THE PROJECT. COST OF INITIAL PROVISIONING OF CRITICAL PARTS/COMPONENTS SHALL BE CONSIDERED INCIDENTAL TO THE L-125 PAY ITEMS PROVIDED.

| CATEGORY | DESCRIPTION | QUANTITY |
|---|---|---|
| FIXTURES | L-852C(L) BIDIRECTIONAL GREEN, W/L-830 | 6 EA |
| | L-852D(L) BIDIRECTIONAL GREEN, W/L-830 | 6 EA |
| | L-861T(L) BLUE, W/830 & CORTEN BAB PLATE | 10EA |
| | FIELD LIGHTNING ARRESTOR ASSEMBLY | 6 EA |
| | | |
| SIGN | LED SIGN POWER SUPPLY/LED CONTROLLER | 2 EA |
| | MODULE LIGHT SOURCES (10 TIMES THE QUANTITY OF LIGHT BARS OR LAMPS CONTAINED IN A SINGLE MODULE) | 1 LS |
| 17R VAULT | ONE BUS PLUG FOR EACH SIZE OF CCR (4 KW, 7.5KW, 10KW, 15KW, 20KW, AND 30KW) | 6 EA |

CONTRACTOR SHALL FURNISH AND INSTALL ONE EACH FLUKE 190-104-III-S - COLOR, 100MHZ, 4 CHANNEL, SCOPEMETER OR ACCEPTED EQUIVALENT INCLUDING THE FOLLOWING COMPONENTS:

- FLUKE 190-104 SERIES III TOOL,
- FLUKEVIEW-2 SCOPEMETER SOFTWARE PACKAGE, LICENSED PACKAGE, UNRESTRICTED FUNCTIONALITY, WITH ACTIVATION KEY & INSTRUCTIONS.
- FLUKE HARD SHELL PROTECTIVE CARRYING CASE (PELICAN TYPE, CXT293),
- DWA-131 WIFI DONGLE,
- BC190/830 POWER ADAPTER,
- POWER CORD SET,
- BATTERY CHARGER,
- BP-291 HIGH CAPACITY LI-ION BATTERY PACK,
- TWO EACH VPS410-II PROBES
- FOUR EACH VPS421-X RUGGEDIZED PROBES,
- HANGING STRAP,
- HAND STRAP,
- USB CABLE,
- TRM50 CABLE TERMINATOR (4 PCS),
- DOWNLOAD INFO FOR USER MANUAL.

ADDITIONALLY PROVIDE TWO EACH FLUKE I400S AC CURRENT CLAMP, 40 A AND 400 A, 10 AND 1 MV/AMP OUTPUT.

ADDITIONALLY PROVIDE FOUR EACH FLUKE I200S AC CURRENT CLAMP, 20 A AND 200 A, 10 AND 100 MV/AMP OUTPUT.

CONTRACTOR SHALL USE THE ABOVE TEST EQUIPMENT IN ACCORDANCE WITH SP-111-3.9 FOR CONSTANT CURRENT REGULATOR CALIBRATION AND TO VERIFY PROPER RMS SINE WAVE OUTPUT ON EACH CONSTANT CURRENT REGULATOR.

UPON COMPLETION OF SUCCESSFUL CONSTANT CURRENT REGULATOR TESTING, THE CONTRACTOR SHALL TURN OVER TO THE OWNER THE FLUKE 190-104-III-S - COLOR, 100MHZ, 4 CHANNEL, SCOPEMETER AND ALL ACCESSORIES IN LIKE NEW CONDITION. ANY COMPONENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW COMPONENTS PRIOR TO TURNOVER TO THE OWNER.

| SYMBOL | EXISTING ITEM DESCRIPTION |
|---|---|
| | EXISTING ELEVATED RUNWAY GUARD LIGHT |
| C R | EXISTING RUNWAY THRESHOLD LIGHT. |
| | EXISTING L-852C, BIDIRECTIONAL, GREEN, T/W CENTERLINE LIGHT. |
| | EXISTING L-852D, UNIDIRECTIONAL, T/W CENTERLINE FIXTURE. |
| | EXISTING L-852D, BIDIRECTIONAL GREEN, T/W CENTERLINE LIGHT. |
| | EXISTING L-852G, UNIDIRECTIONAL, SEMIFLUSH R/W GUARD LIGHT |
| | EXISTING L-852S FAA UNIDIRECTIONAL R/W STATUS LIGHT |
| | EXISTING L-853 T/W EDGE RETROREFLECTIVE MARKER. |
| | EXISTING L-858B, Y, R, L AIRFIELD SIGN. |
| | EXISTING L-861T, OMNIDIRECTIONAL, BLUE, MITL T/W EDGE LIGHT. |
| B | EXISTING L-867B DEEP BASE CAN. |
| D | EXISTING L-867D DEEP BASE CAN. |
| B | EXISTING L-868B DEEP BASE CAN. |
| | EXISTING L-810 OBSTRUCTION LIGHT. |
| | EXISTING 2" PVC CONDUIT. NUMBER OF HASH MARKS INDICATE THE NUMBER OF L-824 5KV #8 AWG CABLES INSTALLED IN DUCT. |
| | EXISTING XW" PVC CONDUIT CONCRETE ENCASED DUCT BANK. |
| | EXISTING DUCT SECTION IDENTIFIER |
| D | EXISTING CONDUIT CONNECTION TO DRAIN SYSTEM. |
| MH-NO. | EXISTING MANHOLE/HANDHOLE. SEE DETAIL SHEETS MH-XXX/HH-XXX ARE UNIQUE IDENTIFICATION NOS. |
| | EXISTING GROUND ROD LOCATION |
| R | EXISTING REIL |
| C Y | EXISTING RUNWAY EDGE LIGHT |
| | EXISTING RUNWAY TOUCH DOWN ZONE LIGHT |
| JP | EXISTING JUNCTION CAN PLAZA |
| C | EXISTING END OF DUCT OR CABLE MARKER |
| XX | EXISTING OUC MANHOLE |

## FIXTURE NUMBERING & RFID LEGEND

| MODIFIER | DESCRIPTION |
|---|---|
| E | NEW BRASS MARKER AND RFID CHIP |
| NE | CONTRACTOR SHALL VERIFY LIGHT FIXTURE HAS EXISTING RFID TAG INSTALLED AND ASSOCIATED IN THE MALMS DATABASE. A NEW RFID TAG SHALL BE INSTALLED FOR ALL FIXTURES THAT DO NOT HAVE EXISTING RFID ASSOCIATION. |
| N, A, C | NEW BRASS MARKER AND RFID CHIP |
| ALL SIGNS | NEW BRASS MARKER AND RFID CHIP |

## AIRFIELD LIGHTING SYMBOL MODIFIERS

| MODIFIER | DESCRIPTION |
|---|---|
| A | DENOTES INSTALLATION OF A NEW FIXTURE ON A NEW LIGHT BASE IN EXISTING ASPHALT PAVEMENT WITH OR WITHOUT MILL AND OVERLAY ACTIVITIES.<br><br>SEMIFLUSH FIXTURES SHALL BE INSTALLED UTILIZING A NEW TWO PIECE LIGHT BASE WITH A MINIMUM 4" TOP CAN SECTION AND 3/4" NOMINAL SPACER RING WITH CONCRETE RING.<br><br>3/4" GALVANIZED STEEL BLANK COVERS SHALL BE INSTALLED UTILIZING A NEW TWO PIECE LIGHT BASE WITH A MINIMUM 4" TOP CAN SECTION AND 3/4" NOMINAL SPACER RING WITH CONCRETE RING. SEE DETAILS.<br><br>ELEVATED FIXTURES SHALL BE INSTALLED UTILIZING A TELESCOPING BASE CAN. SEE DETAILS. |
| C | DENOTES INSTALLATION OF A NEW FIXTURE ON AN EXISTING BASE CAN IN ISOLATED SLAB REPLACEMENT.<br><br>PRESERVE AND PROTECT BASE CAN, REBAR, CONDUIT, AND COUNTERPOISE.<br><br>SEE DETAIL SHEET E7.0.19. |
| E | DENOTES INSTALLATION OF A FIXTURE ON AN EXISTING BASE CAN IN AREAS WHERE MILL AND OVERLAY PAVING OCCURS.<br><br>SEMIFLUSH FIXTURES SHALL BE INSTALLED UTILIZING A TOP CAN SECTION WITH A MINIMUM HEIGHT OF 4" AND 3/4" NOMINAL SPACER RING WITH CONCRETE RING.<br><br>3/4" GALVANIZED STEEL BLANK COVERS SHALL BE INSTALLED UTILIZING A TOP CAN SECTION WITH A MINIMUM HEIGHT OF 4" AND 3/4" NOMINAL SPACER RING WITH CONCRETE RING.<br><br>ELEVATED FIXTURES SHALL BE INSTALLED BY EXTENDING THE EXISTING TELESCOPING BASE CAN OR BY INSTALLING A TOP CAN SECTION AS REQUIRED BY THE EXISTING INSTALLATION. SEE DETAILS. |
| N | DENOTES INSTALLATION OF A FIXTURE ON A LIGHT BASE IN AREAS WHERE NEW PAVEMENT IS CONSTRUCTED.<br><br>SEMIFLUSH FIXTURES SHALL BE INSTALLED UTILIZING A ONE PIECE LIGHT BASE IN PCC PAVEMENT WITH A 3/4" NOMINAL SPACER RING WITH CONCRETE RING.<br><br>¾" GALVANIZED STEEL BLANK COVERS SHALL BE INSTALLED UTILIZING TWO PIECE BASE CAN WITH A MINIMUM 4" TOP CAN SECTION AND 3/4" NOMINAL SPACER RING WITH CONCRETE RING.<br><br>ELEVATED FIXTURES SHALL BE INSTALLED UTILIZING A TELESCOPING BASE CAN. SEE DETAILS. |
| NE | DENOTES REMOVAL OF EXISTING FIXTURE, TRANSFORMER, AND CABLE AND THE INSTALLATION OF A NEW FIXTURE WITH NEW TRANSFORMER AND CABLE OR GALVANIZED STEEL BLANK COVER ON AN EXISTING BASE CAN IN AREAS WHERE NO PAVING ACTIVITIES OCCUR OR WHERE SEAL COATING OCCURS.<br><br>THE EXISTING BASE CANS IN THESE AREAS DO NOT REQUIRE HEIGHT EXTENSIONS.<br><br>THE NEW FIXTURES SHALL NOT BE INSTALLED UNTIL SEAL COATING ACTIVITIES ARE COMPLETE. |
| NR | DENOTES REMOVAL AND INDOOR/CONDITIONED STORAGE OF AN EXISTING FAA RUNWAY STATUS LIGHT FIXTURE AND ISOLATION TRANSFORMER, THIS MODIFIER INCLUDES THE INSTALLATION OF THE EXISTING FIXTURE AND ISOLATION TRANSFORMER UTILIZING AN EXISTING SINGLE PIECE LIGHT BASE AND EXISTING SPACER RINGS IN AREAS WHERE NEW PAVEMENT IS CONSTRUCTED IN ACCORDANCE WITH FAA CRITERIA. |
| P | PRESERVE, PROTECT, AND STORE EXISTING SIGN TO BE INSTALLED ON NEW CONCRETE PAD. NEW SIGN PAD SHALL BE INSTALLED TO PROPOSED GRADE. CONTRACTOR SHALL COORDINATE SIGN PAD CONSTRUCTION WITH GRADING WORK. |
| XD | REMOVE FIXTURE AND TURN OVER TO OWNER. DEMOLISH LIGHT BASE AND APPURTENANCES FROM THE SITE. |

*** NOTE: MODIFIERS ARE USED IN COMBINATION WITH SYMBOLS PROVIDED IN THE ELECTRICAL LEGEND TO ASSIST THE CONTRACTOR IN IDENTIFICATION OF THE COMPLETE SCOPE OF WORK INVOLVED WITHIN EACH AREA OF THE PROJECT. SEE LEGEND TO DETERMINE IF FIXTURE IS REQUIRED TO BE LED TYPE. THE TERM "TOP CAN SECTION" IS GENERICALLY USED TO DESCRIBE A TOP CAN SECTION, MIDDLE CAN SECTION, BASE CAN EXTENSION AND OTHER SIMILAR COMPONENTS. THE CONTRACTOR IS RESPONSIBLE TO IDENTIFY AND MEASURE THE SPECIFIC COMPONENT REQUIRED TO PROPERLY ADJUST THE BASE CAN HEIGHT IN ACCORDANCE WITH FAA REQUIREMENTS. ALL ITEMS ARE NEW AND UNUSED UNLESS SPECIFICALLY NOTED OTHERWISE. EXISTING FIXTURES ETC. ARE REMOVED AND PAID FOR UNDER THE DEMOLITION PAY ITEM. SEE NOTES.

GREATER ORLANDO AVIATION AUTHORITY

BP-497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


AECOM

**AECOM TECHNICAL SERVICES, INC.**

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM EB 8115

AVCON

AVCON, INC.

5555 E. MICHIGAN STREET, SUITE 200
ORLANDO, FL. 32822

Name: JAMES A. KRISS
License/Registration #: 36579


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 11/17/2023 | CONFORMED DOCUMENTS |
| 1 | 01/17/2024 | BULLETIN #1 |

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | LWN |
| DRAWN BY: | LWN |
| CHECKED BY: | MAG |
| ISSUE DATE: | 11/17/2023 |
| DRAWING SCALE: | AS NOTED |

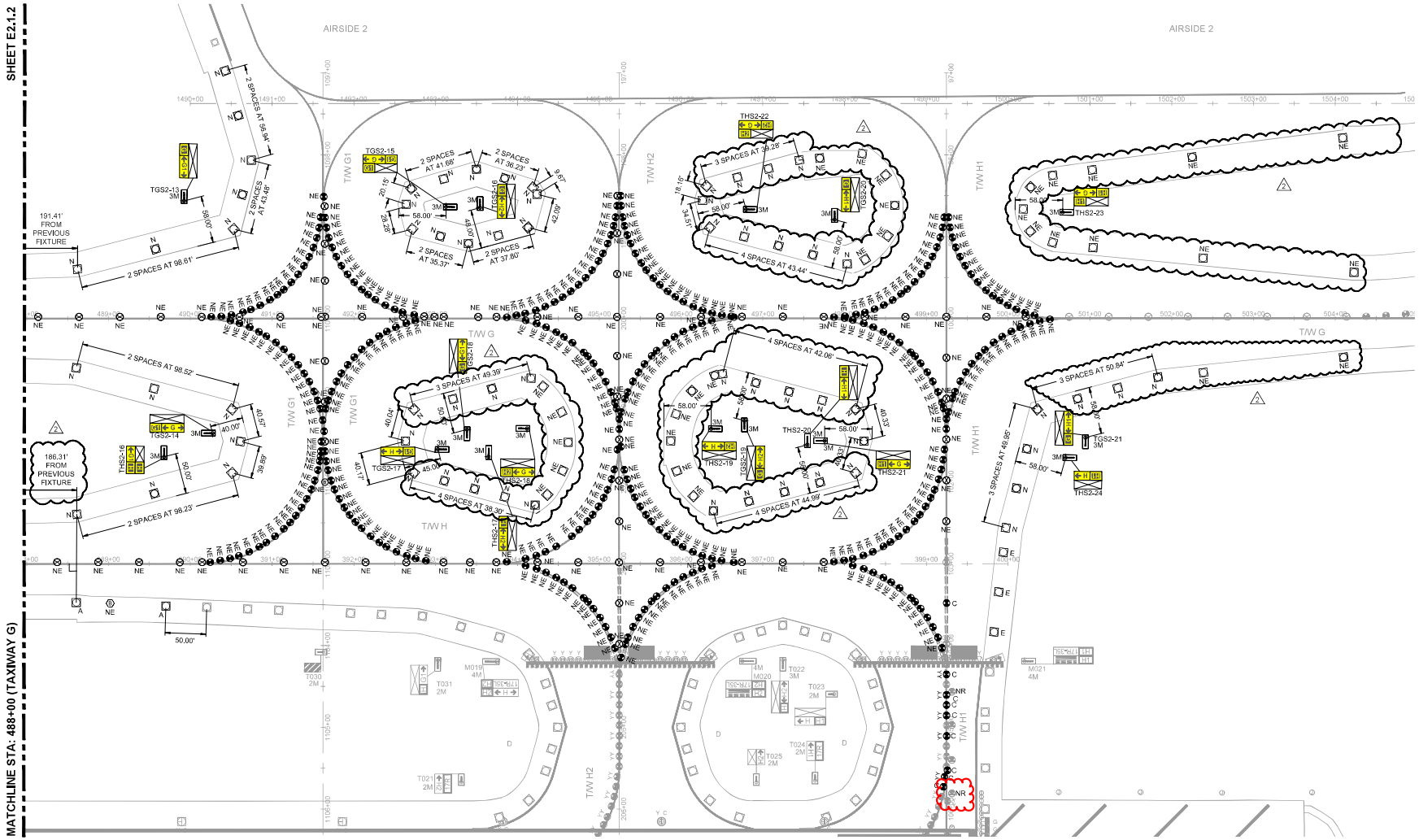
DRAWING TITLE:

**AIRFIELD ELECTRICAL SYMBOLS LEGEND**

DRAWING NO.

**E1.0.2**


Date: Jan 17, 2024 - Time: 1:42 pm - Plotted By: lwyer
Drawing: K:\ORL\60691183 - MCO\Design\ED\ED2.0\ED2.0.2 - CAD\DWG\ED2.0.2.dwg




## NOTES:

1. SEE SHEET E1.0.1 FOR GENERAL NOTES, SHEET E1.0.2 FOR SYMBOL LEGEND, AND SHEET E1.0.3 FOR KEY PLAN.
2. SEE CONTRACT DETAILS AND CONTRACT SPECIFICATIONS SECTION L-125 AND L-110 FOR ADDITIONAL INFORMATION REGARDING INSTALLATION OF LIGHT FIXTURES, SIGNS AND ASSOCIATED CONDUIT.
3. ALL FIXTURES, SIGNS, BASE CANS, ETC., SHALL BE INSTALLED AS SHOWN ON THE CONTRACT DOCUMENTS OR ACCEPTED SHOP DRAWINGS AND IN ACCORDANCE WITH THE APPLICABLE FAA ADVISORY CIRCULARS AND MANUFACTURERS' RECOMMENDATIONS. SURVEY INSTRUMENTS SHALL BE USED TO POSITION ALL ITEMS TO INSURE PRECISE ORIENTATION. TOLERANCES GIVEN IN THE FAA ADVISORY CIRCULARS AND THE CONTRACT DOCUMENTS SHALL NOT BE EXCEEDED. WHERE NO TOLERANCE IS GIVEN, NO DEVIATION IS PERMITTED. ITEMS NOT INSTALLED IN ACCORDANCE WITH THE FAA ADVISORY CIRCULARS AND THE CONTRACT DOCUMENTS SHALL BE REPLACED BY AND AT THE EXPENSE OF THE CONTRACTOR.
4. POSITION SIGNS WITH SURVEY INSTRUMENTS AS INDICATED IN THE CONTRACT DOCUMENTS. STAKE LOCATION OF ALL SIGNS PRIOR TO INSTALLATION TO DEMONSTRATE ACCURACY OF LAYOUT, SPACING INTERVALS AND COORDINATION WITH SITE FEATURES. BRING CONFLICTS TO THE ATTENTION OF THE ENGINEER. ALLOW 5 CALENDAR DAYS FOR A RESOLUTION. SIGNS SHALL BE ORIENTED AT 90 DEGREES TO THE DIRECTION OF THE TAXING PATH FROM WHICH IT IS VIEWED, UNLESS NOTED OTHERWISE.
5. POSITION ALL BASE CANS WITH SURVEY INSTRUMENTS AS INDICATED IN THE CONTRACT DOCUMENTS. STAKE LOCATION OF ALL BASE CANS PRIOR TO INSTALLATION TO DEMONSTRATE ACCURACY OF LAYOUT, SPACING INTERVALS, AND COORDINATION WITH PAVING JOINTS AND SITE FEATURES. BRING CONFLICTS TO THE ATTENTION OF THE ENGINEER. ALLOW 5 CALENDAR DAYS FOR A RESOLUTION.
6. EDGE LIGHT UNITS SHALL BE 9.5 FEET OFF THE STRIPED EDGE OF PAVEMENT (UNLESS SPECIFICALLY INDICATED OTHERWISE). ON STRAIGHT SECTIONS, THEY SHALL BE OPTICALLY IN LINE WHEN SIGHTED FROM EITHER END OF A STRAIGHT SECTION. BASE CANS FOR EDGE LIGHT UNITS SHALL BE INSTALLED AT THE DESIGNATED LOCATIONS WITH TOP FLANGES AT THE REQUIRED ELEVATION AND WITHIN 2 DEGREES OF LEVEL. ALL ELEVATED EDGE LIGHTS SHALL BE INSTALLED AT AN EQUAL HEIGHT ABOVE GRADE NOT TO EXCEED 14 INCHES.
7. SEMI-FLUSH LIGHT UNITS SHALL BE LOCATED AS SHOWN IN THE CONTRACT DOCUMENTS. ALL SEMI-FLUSH LIGHTS SHALL BE INSTALLED LEVEL WITH THE TOP EDGE BETWEEN PLUS 0-INCH AND MINUS 1/16 INCHES FROM THE PAVEMENT'S FINAL FINISH GRADE. LIGHT BASE CANS MUST BE ALIGNED PARALLEL TO THE CENTERLINE WITH A TOLERANCE OF PLUS OR MINUS 1/2 DEGREE. PROVIDE TIGHTER TOLERANCES IF REQUIRED BY FIXTURE MANUFACTURER TO MEET ADVISORY CIRCULAR PHOTOMETRIC PERFORMANCE CRITERIA.
8. PRESERVE AND PROTECT THE EXISTING L-868B, 3/4" GALVANIZED STEEL BLANK COVERS (OUTSIDE OF PAVING, MILL AND OVERLAY OR ASPHALT TREATED AREAS, AS INDICATED ON PLANS) TO BE REUSED IN THIS PROJECT. REPLACE THE BOLTS OF EACH COVER WITH NEW STAINLESS-STEEL BOLTS AND 2-PIECE LOCKING WASHER ASSEMBLIES. PROPERLY TORQUE INTO PLACE.THIS ITEM INCLUDES ALL MATERIALS, LABOR, TRANSPORTATION, SUPERVISION AND ALL INCIDENTALS .


GREATER ORLANDO AVIATION AUTHORITY

BP–497

TAXIWAYS G & H REHABILITATION - PHASE 1

ORLANDO INTERNATIONAL AIRPORT

AECOM

AECOM TECHNICAL SERVICES, INC.

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

AVCON

AVCON, INC.

5555 E. MICHIGAN STREET, SUITE 200
ORLANDO, FL. 32822

Name: JAMES A. KRISS
License/Registration #: 36579


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 11/17/2023 | CONFORMED DOCUMENTS |
| 1 | 01/17/2024 | BULLETIN #1 |
| 2 | 04/17/2024 | BULLETIN #2 |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | LWN |
| DRAWN BY: | LWN |
| CHECKED BY: | MAG |
| ISSUE DATE: | 11/17/2023 |
| DRAWING SCALE: | AS NOTED |

DRAWING TITLE:

**AIRFIELD LIGHTING LAYOUT - BASE BID**

DRAWING NO.

**E2.1.1**


Date: Apr 10, 2024 - Time: 1:34 pm - Plotted By: Romeo
Drawing File: C:\0060\2023\60691183\CAD\BP-497\HER\E2.1.1-E2.1.2.dwg

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No.1 L-852S FAA UNIDIRECTIONAL RUNWAY STATUS LIGHT, RED (NR)**

$3591.96

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | L-852S FAA UNIDIRECTIONAL RUNWAY STATUS LIGHT, RED (NR) | 2.00 | EA | $1,800.00 | | | | | ~~$3,600.00~~ | ~~$3,600.00~~ |
| | | | | | | | | | | | 3,600.00 |
| | | **Subtotal** | | | | 0.00 | $0.00 | $0.00 | $0.00 | $3,600.00 | $3,600.00 |
| | | **Markup Percent** | | | | | 15% | 15% | 15% | 10% | |
| | | **Markup Total** | | | | | $0.00 | $0.00 | $0.00 | $360.00 | $360.00 |
| | | **Subtotal** | | | | | | | | | $3,960.00 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 2.00 | EA | $1,980.00 | | | | | | ~~$3,960.00~~ |

$3,951.16

H.L. PRUITT
CORPORATION

| | |
|---|---|
| PROJECT: | ORLANDO INTERNATIONAL AIRPORT |
| PROJECT TITLE: | BP - 497 TAXIWAYS G & H REHABILITATION PHASE 1 |
| OWNER: | GREATER ORLANDO AVIATION AUTHORITY AECOM |
| ENGINEER: | TECHNICAL SERVICES |
| CONTRACTOR: | HUBBARD CONSTRUCTION COMPANY |
| ELECTRICAL: | HL PRUITT CORPORATION |

**L-125-19 FAA Runway Status Light (NR)**

| Materials | qty | unit | extension |
|---|---|---|---|
| 3/4" Dam Ring | 2 | $180.00 | $360.00 |
| Spacer | 0 | $110.00 | $0.00 |
| P-605 | 2 | $50.00 | $100.00 |
| P-606 | 2 | $80.00 | $160.00 |
| Materials subtotal | | | $620.00 |
| tax | | | $43.40 |
| Materials Total | | | $663.40 |

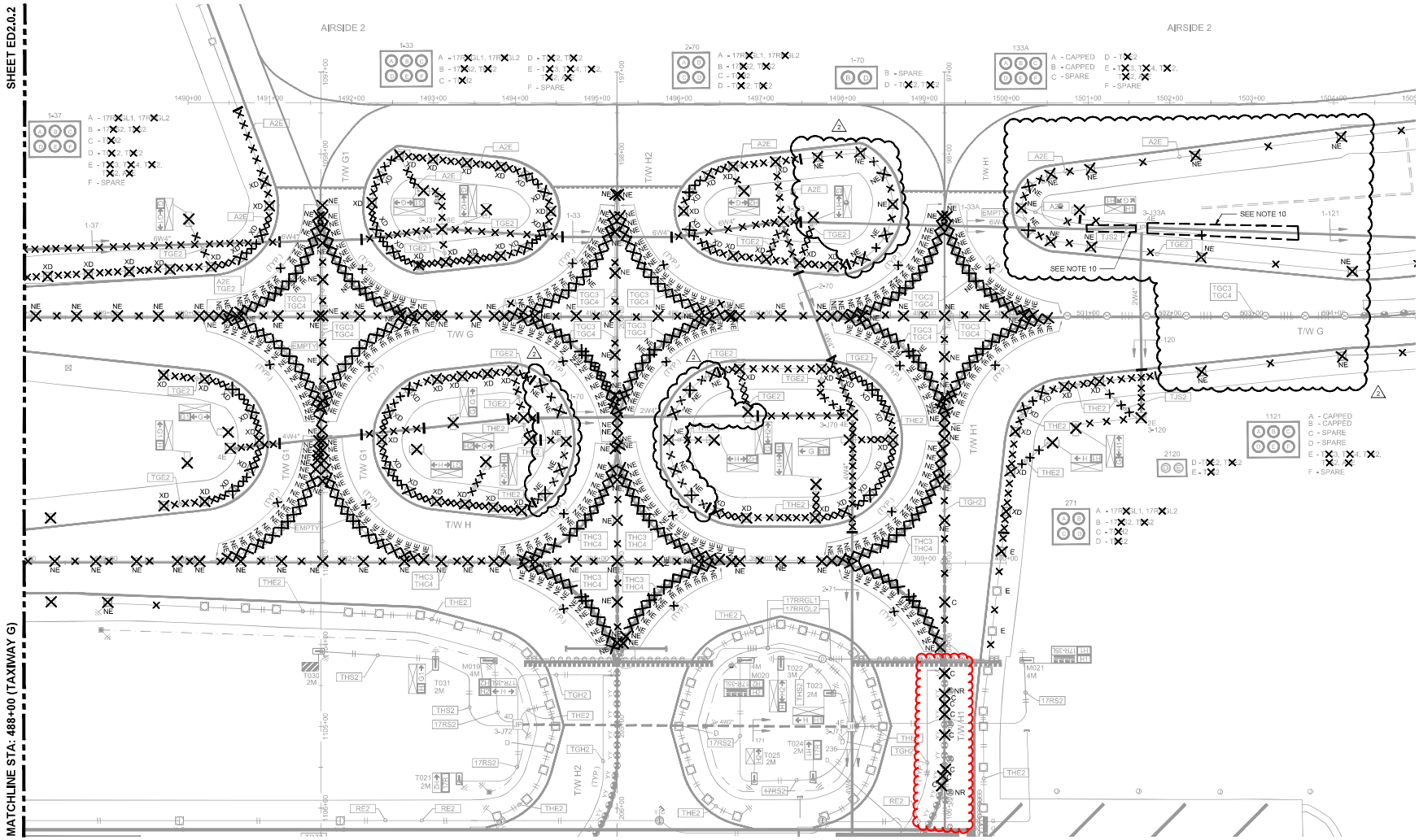
| Labor | Reg hours | Reg rate | | OT hours | OT Rate | |
|---|---|---|---|---|---|---|
| Working Foreman | 10 | $48.90 | $489.00 | 0 | $73.35 | $0.00 |
| Operator | 11 | $26.20 | $288.20 | 0 | $39.30 | $0.00 |
| Laborer 2 | 22 | $18.50 | $407.00 | 0 | $27.75 | $0.00 |
| Labor Sub-Total | | | $1,184.20 | | | $0.00 |
| Labor Burden 42% | | | $497.36 | | | |
| Labor Total | | | $1,681.56 | | | |

| Subcontractor | | |
|---|---|---|
| | 0 | $0.00 |

| Equipment | | | |
|---|---|---|---|
| 1-ton Truck (3) | 21 | $25.43 | $534.03 |
| Core Truck | 10 | $32.81 | $328.10 |
| Auger Truck | 0 | $32.81 | $0.00 |
| Rock Wheel Trencher | 0 | $78.75 | $0.00 |
| Front End Loader | 0 | $82.50 | $0.00 |
| Rubber Tire Backhoe | 0 | $26.25 | $0.00 |
| Air Compressor | 0 | $11.97 | $0.00 |
| Material Trailer | 0 | $3.13 | $0.00 |
| Equipment Total | | | $862.13 |

| | |
|---|---|
| Subtotal: | $3,207.09 |
| 12% Markup | $384.85 |
| Total: | $3,591.95 |

| PAY APPLICATION 04 | | CONTRACTOR: Hubbard Construction Company | | | | | | | | PERIOD ENDING: 05/29/20 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | % COM-PLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| | L-125-12 | L-852D(L) Bi-Dir LED Txwy Cntrln Lgt Grn/Yllw(NE) | 2 | EA | 1,950.00 | 3,900.00 | | | 2.00 | 3,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-13 | L-852D(L) Bi-Dir LED Txwy Cntrln Light (N) | 10 | EA | 3,800.00 | 38,000.00 | | | 10.00 | 38,000.00 | 4.50 | 17,100.00 | 0.00 | 0.00 | 0.00 | | 4.50 | 17,100.00 | 45% |
| | L-125-15 | L-852G(L) Runway Guard Light Yellow (NE) | 7 | EA | 2,200.00 | 15,400.00 | | | 7.00 | 15,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-16 | L-852G(L) Runway Guard Light Yellow (N) | 1 | EA | 4,200.00 | 4,200.00 | | | 1.00 | 4,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-17 | L-852S FAA Uni-Dir Rnwy Status Lgt, Red (NR) | 2 | EA | 2,800.00 | 5,600.00 | | | 2.00 | 5,600.00 | 1.00 | 2,800.00 | 0.00 | 0.00 | 0.00 | | 1.00 | 2,800.00 | 50% |
| | L-125-18 | L-853 Elevated Retroreflective marker | 2 | EA | 200.00 | 400.00 | | | 2.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-19 | L-858(L) Sign - Sngl/Dbl Face, LED, Size 3 -1 Mod | 9 | EA | 5,800.00 | 52,200.00 | | | 9.00 | 52,200.00 | 1.00 | 5,800.00 | 1.50 | 8,700.00 | 0.00 | | 2.50 | 14,500.00 | 28% |
| | L-125-20 | L-858(L) Sign - Sngle/Dbl Face, LED, Size 3-2 Mod | 5 | EA | 7,400.00 | 37,000.00 | | | 5.00 | 37,000.00 | 1.50 | 11,100.00 | 0.00 | 0.00 | 0.00 | | 1.50 | 11,100.00 | 30% |
| | L-125-21 | L-858(L)Sign-Sngl/Dbl Face,LED,Size3-3 Mod | 1 | EA | 9,000.00 | 9,000.00 | | | 1.00 | 9,000.00 | 0.50 | 4,500.00 | 0.00 | 0.00 | 0.00 | | 0.50 | 4,500.00 | 50% |
| | L-125-22 | L-858(L) Sign - Sngl/Dbl Face, LED, Sze 3-4 Mod | 1 | EA | 11,400.00 | 11,400.00 | | | 1.00 | 11,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-23 | L-858B(L) Runway Dist Remaining Sign, LED, Size 4 | 11 | EA | 7,000.00 | 77,000.00 | | | 11.00 | 77,000.00 | 2.50 | 17,500.00 | 2.00 | 14,000.00 | 0.00 | | 4.50 | 31,500.00 | 41% |
| | L-125-24 | L-858 Retrofit Signs to LED Technology (R) | 20 | EA | 2,300.00 | 46,000.00 | | | 20.00 | 46,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-26 | L-861T(L) Omni-Dir Blue LED Txwy Edge Light (N) | 11 | EA | 1,500.00 | 16,500.00 | | | 11.00 | 16,500.00 | 0.00 | 0.00 | 1.50 | 2,250.00 | 0.00 | | 1.50 | 2,250.00 | 14% |
| | L-125-27 | L-862(L) Rnwy Edge Lght Bi-Dir (NE) | 5 | EA | 900.00 | 4,500.00 | | | 5.00 | 4,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-28 | L-862(L) Rnwy Edge Lght, Bi-Dir (N) | 92 | EA | 1,800.00 | 165,600.00 | | | 92.00 | 165,600.00 | 5.50 | 9,900.00 | 27.50 | 49,500.00 | 0.00 | | 33.00 | 59,400.00 | 36% |
| | L-125-29 | L-862E(L) Elv Rnwy Thrshld Lt,Bi-Dir Grn/Red (NE) | 8 | EA | 1,200.00 | 9,600.00 | | | 8.00 | 9,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-30 | L-862E(L) Elev Rnwy Thrshld End Lt,Bi-Dir Grn/Rd(N | 8 | EA | 2,200.00 | 17,600.00 | | | 8.00 | 17,600.00 | 0.00 | 0.00 | 4.00 | 8,800.00 | 0.00 | | 4.00 | 8,800.00 | 50% |
| | L-125-31 | L-867D Junction Can (N) | 7 | EA | 1,300.00 | 9,100.00 | | | 7.00 | 9,100.00 | 3.00 | 3,900.00 | 2.00 | 2,600.00 | 0.00 | | 5.00 | 6,500.00 | 71% |
| | L-125-32 | L-868B 3/4" Galv Stl Blnk Cvr (NE) | 20 | EA | 350.00 | 7,000.00 | | | 20.00 | 7,000.00 | 20.00 | 7,000.00 | 0.00 | 0.00 | 0.00 | | 20.00 | 7,000.00 | 100% |
| | L-125-33 | L-868B 3/4" Galv Stl Blnk Cvr Bolt Replacement | 1 | LS | 8,200.00 | 8,200.00 | | | 1.00 | 8,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-34 | Field Lighting Arrestor Assembly | 170 | EA | 900.00 | 153,000.00 | | | 170.00 | 153,000.00 | 9.00 | 8,100.00 | 8.00 | 7,200.00 | 0.00 | | 17.00 | 15,300.00 | 10% |
| | L-125-35 | Junction Can Plaza - Four "E" Can | 30 | EA | 12,000.00 | 360,000.00 | | | 30.00 | 360,000.00 | 18.00 | 216,000.00 | 1.00 | 12,000.00 | 0.00 | | 19.00 | 228,000.00 | 63% |
| | L-125-36 | Junction Can Plaza - Six "E" Can | 2 | EA | 18,000.00 | 36,000.00 | | | 2.00 | 36,000.00 | 2.00 | 36,000.00 | 0.00 | 0.00 | 0.00 | | 2.00 | 36,000.00 | 100% |
| | L-125-37 | Extension of MALMS RFID Sys - Vendor | 1 | LS | 25,000.00 | 25,000.00 | | | 1.00 | 25,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-38 | Extension of MALMS RFID Sys - Contractor | 1 | LS | 22,000.00 | 22,000.00 | | | 1.00 | 22,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0% |
| | L-125-39 | 7.5 KW, L-829 Constant Current Reg-5 Step, 480V | 4 | EA | 20,000.00 | 80,000.00 | | | 4.00 | 80,000.00 | 4.00 | 80,000.00 | 0.00 | 0.00 | 0.00 | | 4.00 | 80,000.00 | 100% |
| | L-125-40 | 10 KW, L-829 Constant Current Reg-5 Step, 480 V | 1 | EA | 22,000.00 | 22,000.00 | | | 1.00 | 22,000.00 | 1.00 | 22,000.00 | 0.00 | 0.00 | 0.00 | | 1.00 | 22,000.00 | 100% |
| | L-125-41 | 7.5 KW, L-829 Constant Current Reg - 3 Step, 480 V | 1 | EA | 19,000.00 | 19,000.00 | | | 1.00 | 19,000.00 | 1.00 | 19,000.00 | 0.00 | 0.00 | 0.00 | | 1.00 | 19,000.00 | 100% |
| | DRB-1 | Dispute Review Board(DRB) Owner's Share | 1 | AL | 30,000.00 | 30,000.00 | | | 1.00 | 30,000.00 | 0.24 | 7,200.00 | 0.00 | 0.00 | 0.00 | | 0.24 | 7,200.00 | 24% |
| | | **SUBTOTAL - BASE CONTRACT** | | | | **26,745,929.22** | | | | **26,745,929.22** | | **7,749,222.32** | | **5,009,505.73** | | **0.00** | | **12,758,728.05** | **48%** |
| | | **Add Alternate #2** | | | | | | | | | | | | | | | | | |
| | C-100-1 | Contractor Quality Control Program (CQCP) | 1 | LS | 9,767.00 | 9,767.00 | | | 1.00 | 9,767.00 | 0.20 | 1,953.40 | 0.30 | 2,930.10 | 0.00 | | 0.50 | 4,883.50 | 50% |
| | C-105-1 | Mobilization (10% of Additive Alt 2 Price Max) | 1 | LS | 285,000.00 | 285,000.00 | | | 1.00 | 285,000.00 | 0.25 | 71,250.00 | 0.25 | 71,250.00 | 0.00 | | 0.50 | 142,500.00 | 50% |
| | C-106-1 | Safety, Security and MOT | 1 | LS | 4,526.20 | 4,526.20 | | | 1.00 | 4,526.20 | 0.36 | 1,629.43 | 0.30 | 1,357.86 | 0.00 | | 0.66 | 2,987.29 | 66% |
| | P-101-1 | Full Depth Conc Pavement Removal | 1260 | SY | 115.00 | 144,900.00 | | | 1,260.00 | 144,900.00 | 42.01 | 4,831.15 | 561.79 | 64,605.85 | 0.00 | | 603.80 | 69,437.00 | 48% |
| | P-101-5 | Shallow Depth Conc Spall Repair | 160 | SF | 350.00 | 56,000.00 | | | 160.00 | 56,000.00 | 25.10 | 8,785.00 | 17.28 | 6,048.00 | 0.00 | | 42.38 | 14,833.00 | 26% |




## NOTES:

1. SEE SHEET E1.0.1 FOR GENERAL NOTES, SHEET E1.0.2 FOR SYMBOL LEGEND, AND SHEET E1.0.3 FOR KEY PLAN.
2. ELECTRICAL DEMOLITION WORK SHALL BE LIMITED TO THE AREAS AND SCHEDULES IDENTIFIED IN THE PHASING PLANS AND THIS PLAN.
3. MAINTAIN EXISTING AIRFIELD LIGHTING CIRCUITS NECESSARY FOR AIRFIELD OPERATIONS.
4. PROTECT EXISTING SYSTEMS/COMPONENTS/ITEMS TO REMAIN.
5. DURING THE DEMOLITION PHASE AND PRIOR TO RECONSTRUCTION THE CONTRACTOR SHALL VERIFY THAT FUNCTIONAL RACEWAY EXISTS FROM BASE CAN TO BASE CAN, ETC TO CIRCUIT THE AIRFIELD LIGHTING AS SHOWN ON THE CIRCUITING PLANS. SHOULD ADDITIONAL RACEWAY NEED TO BE INSTALLED THE CONTRACTOR SHALL INSTALL THE RACEWAY PRIOR TO THE PAVING OPERATIONS. THE CONTRACTOR SHALL CERTIFY IN WRITING TO THE OAR PRIOR TO PAVING OPERATIONS THAT FUNCTIONAL RACEWAY EXISTS AND IS PROPERLY ROUTED TO PROVIDE FOR CIRCUITING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. EXISTING 4/0 GROUND GRID IS PRESENT IN THIS AREA AND SHALL BE PROTECTED. DAMAGE TO GROUND GRID SHALL BE REPAIRED AT CONTRACTORS EXPENSE IN ACCORDANCE WITH CONTRACT DOCUMENTS.
7. REMOVE EXISTING L-824 CONDUCTOR FROM EXISTING DUCT BETWEEN FIXTURES. PROTECT EXISTING CONDUIT AND COUNTERPOISE TO BE EXTENDED TO THE NEW WORK. NEW CABLE SHALL BE PROVIDED BETWEEN EXISTING FIXTURE AND NEW FIXTURE. SEE SHEETS E2.2.1 TO E2.2.9 FOR CIRCUITING.
8. REMOVE EXISTING FIXTURES, BASE PLATES, SPACER RINGS AND TURN OVER TO OWNER. REMOVE THE EXISTING L-824 CABLES, DUCTS, SIGN PADS, MANHOLES, L-830 TRANSFORMERS, ETC AS NOTED. ALL REMOVED CABLES, DUCTS, BASE CANS, SIGN PADS, MANHOLES, L-830 TRANSFORMERS, L-824 CABLES, ETC SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF THE AIRPORT PROPERTY. REMOVED ITEMS SHALL NOT BE REUSED IN THE NEW WORK.
9. PRESERVE AND PROTECT THE EXISTING L-868B, 3/4" GALVANIZED STEEL BLANK COVERS (OUTSIDE OF PAVING, MILL AND OVERLAY OR ASPHALT TREATED AREAS, AS INDICATED ON PLANS) TO BE REUSED IN THIS PROJECT. REPLACE THE BOLTS OF EACH COVER WITH NEW STAINLESS-STEEL BOLTS AND 2-PIECE LOCKING WASHER ASSEMBLIES. PROPERLY TORQUE INTO PLACE.THIS ITEM INCLUDES ALL MATERIALS, LABOR, TRANSPORTATION, SUPERVISION AND ALL INCIDENTALS.
10. PROPOSED GRADE ELEVATION IS SIGNIFICANTLY LOWER THAN EXISTING GRADE ELEVATION IN THE IDENTIFIED AREAS. CONTRACTOR SHALL COORDINATE DUCT BANK INSTALLATION WITH GRADING PLANS TO ENSURE NEW DUCT BANK IS INSTALLED THE MINIMUM REQUIRED DEPTH BELOW PROPOSED GRADE PER DUCT BANK DETAILS.

## LEGEND

- NE NE = REMOVE FIXTURE, TRANSFORMER AND CONDUCTOR. PRESERVE LIGHT BASE TO REUSE IN PROPOSED WORK.
- E = REMOVE FIXTURE, TRANSFORMER AND CONDUCTOR. PRESERVE AND PREPARE LIGHT BASE FOR MILL AND OVERLAYING ACTIVITIES.
- XD = REMOVE FIXTURE AND TURN OVER TO OWNER. DEMOLISH LIGHT BASE AND APPURTENANCES FROM THE SITE.
- = REMOVE CONDUCTOR FROM EXISTING CONDUIT
- = DEMOLISH CONDUIT AND COUNTERPOISE
- = CUT EXISTING CONDUIT TO TIE INTO PROPOSED CONDUIT
- = CUT EXISTING DUCT BANK TO TIE INTO PROPOSED DUCT BANK
- = DEMOLISH DUCT BANK
- = DEMOLISH MANHOLE FROM SITE
- = DEMOLISH SIGN PAD AND ASSEMBLY

GRAPHIC SCALE 50' 25' 0 50' 100'

GREATER ORLANDO AVIATION AUTHORITY

BP–497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


AECOM

**AECOM TECHNICAL SERVICES, INC.**

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

AVCON

AVCON, INC.

5555 E. MICHIGAN STREET, SUITE 200
ORLANDO, FL. 32822

Name: JAMES A. KRISS
License/Registration #: 36579


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 11/17/2023 | CONFORMED DOCUMENTS |
| 1 | 01/17/2024 | BULLETIN #1 |
| 2 | 04/17/2024 | BULLETIN #2 |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | LWN |
| DRAWN BY: | LWN |
| CHECKED BY: | MAG |
| ISSUE DATE: | 11/17/2023 |
| DRAWING SCALE: | AS NOTED |

DRAWING TITLE:

**AIRFIELD ELECTRICAL EXISTING CONDITIONS AND DEMO. - BASE BID**

DRAWING NO.

**ED2.0.1**


Date: Apr 10, 2024 - Time: 1:31 pm - Plotted By: thomas
Drawing File: I:\60620000\CAD\BID SET\ED\ED2.0.1 - CAD\60BP-497-ED2.0.1-ED2.0.3.dwg

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No. 1 L-125-20(L868 Protection During Panel Demolition)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | L-852S FAA UNIDIRECTIONAL RUNWAY STATUS LIGHT, RED (NR) | 1.00 | EA | $3,936.15 | | | | | $3,936.15 | $3,936.15 |
| | | | | | | | | | | | 3,936.15 |
| | | **Subtotal** | | | | 0.00 | $0.00 | $0.00 | $0.00 | $3,936.15 | $3,936.15 |
| | | **Markup Percent** | | | | | 15% | 15% | 15% | 10% | |
| | | **Markup Total** | | | | | $0.00 | $0.00 | $0.00 | $393.62 | $393.62 |
| | | **Subtotal** | | | | | | | | | $4,329.77 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $4,329.77 | | | | | | $4,329.77 |

H.L. PRUITT
CORPORATION

| | |
|---|---|
| PROJECT: | ORLANDO INTERNATIONAL AIRPORT |
| PROJECT TITLE: | BP - 497 TAXIWAYS G & H REHABILITATION PHASE 1 |
| OWNER: | GREATER ORLANDO AVIATION AUTHORITY AECOM |
| ENGINEER: | TECHNICAL SERVICES |
| CONTRACTOR: | HUBBARD CONSTRUCTION COMPANY |
| ELECTRICAL: | HL PRUITT CORPORATION |

**Remove and Replace Concrete Around Light Base**

| Materials | qty | unit | extension |
|---|---|---|---|
| 3/4" Dam Ring | 1 | $180.00 | $180.00 |
| Spacer | 1 | $110.00 | $110.00 |
| P-605 | 1 | $50.00 | $50.00 |
| P-606 | 1 | $80.00 | $80.00 |
| Materials subtotal | | | $420.00 |
| tax | | | $29.40 |
| Materials Total | | | $449.40 |

| Labor | Reg hours | Reg rate | | OT hours | OT Rate | |
|---|---|---|---|---|---|---|
| Working Foreman | 10 | $48.90 | $489.00 | 0 | $73.35 | $0.00 |
| Operator | 10 | $26.20 | $262.00 | 0 | $39.30 | $0.00 |
| Laborer 2 | 20 | $18.50 | $370.00 | 0 | $27.75 | $0.00 |
| Labor Sub-Total | | | $1,121.00 | | | $0.00 |
| Labor Burden 42% | | | $470.82 | | | |
| Labor Total | | | $1,591.82 | | | |

| Subcontractor | | |
|---|---|---|
| | 0 | $0.00 |

| Equipment | | | |
|---|---|---|---|
| 1-ton Truck (3) | 30 | $25.43 | $762.90 |
| Core Truck | 10 | $32.81 | $328.10 |
| Auger Truck | 0 | $32.81 | $0.00 |
| Rock Wheel Trencher | 0 | $78.75 | $0.00 |
| Front End Loader | 0 | $82.50 | $0.00 |
| Rubber Tire Backhoe | 10 | $26.25 | $262.50 |
| Air Compressor | 10 | $11.97 | $119.70 |
| Material Trailer | 0 | $3.13 | $0.00 |
| Equipment Total | | | $1,473.20 |

| | |
|---|---|
| Subtotal: | $3,514.42 |
| 12% Markup | $421.73 |
| Total: | $3,936.15 |

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Provide Protection During Panel Demolition**

**Description: Design changes have added panels to be removed that include electrical fixtures within the panels. This adds an element of additional effort required by the contractor to protect the existing fixtures while demolishing the adjacent concrete. This effort includes labor and materials to protect and place back the fixture.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 14 | HR | $ 48.90 | 42.00% | $ 69.44 | L | $ 972.13 | | | | $ 972.13 |
| | Operator - Excavator | 8 | HR | $ 26.20 | 42.00% | $ 37.20 | L | $ 297.63 | | | | $ 297.63 |
| | Laborer - Unskilled | 28 | HR | $ 18.50 | 42.00% | $ 26.27 | L | $ 735.56 | | | | $ 735.56 |
| **Equipment** | Rubber Tire Backhoe | 8 | HR | $ 26.25 | | | E | | | $ 210.00 | | $ 210.00 |
| | Core Truck | 14 | HR | $ 32.81 | | | E | | | $ 459.34 | | $ 459.34 |
| | Pickup Truck | 42 | HR | $ 25.43 | | | E | | | $ 1,068.06 | | $ 1,068.06 |
| **Materials** | P-605 Joint Sealant - Dow 888 | 5 | EA | $ 16.99 | | | M | | $84.95 | | | $ 84.95 |
| | 3/4" Diameter Ring | 1 | EA | $ 180.00 | | | M | | $180.00 | | | $ 180.00 |
| | Spacer | 1 | EA | $ 110.00 | | | M | | $110.00 | | | $ 110.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | | | | | | | S | | | | $ - | |
| | SUB-TOTALS w/out markups | | | | | | | $2,005.32 | $374.95 | $1,737.40 | $0.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $2,005.32 |
| MATERIAL | $374.95 |
| MATERIAL TAX 6.5% | $24.37 |
| EQUIPMENT | $1,737.40 |
| SUBTOTAL | $4,142.05 |
| OH & P 15% < $25,000 | $621.31 |
| OH & P 12% $25,001 TO $500,00 | $0.00 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$4,763.35** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $0.00 |
| OH & P 10% on 1ST $25,000 | $0.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$0.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$4,763.35**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager

224-653-8181 (tel:224-653-8181) | sales@pksupplies.com (mailto:sales@pksupplies.com)

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SKU: 888S

5

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Remove

Unit total: $84.95

**Item Total:** $84.95

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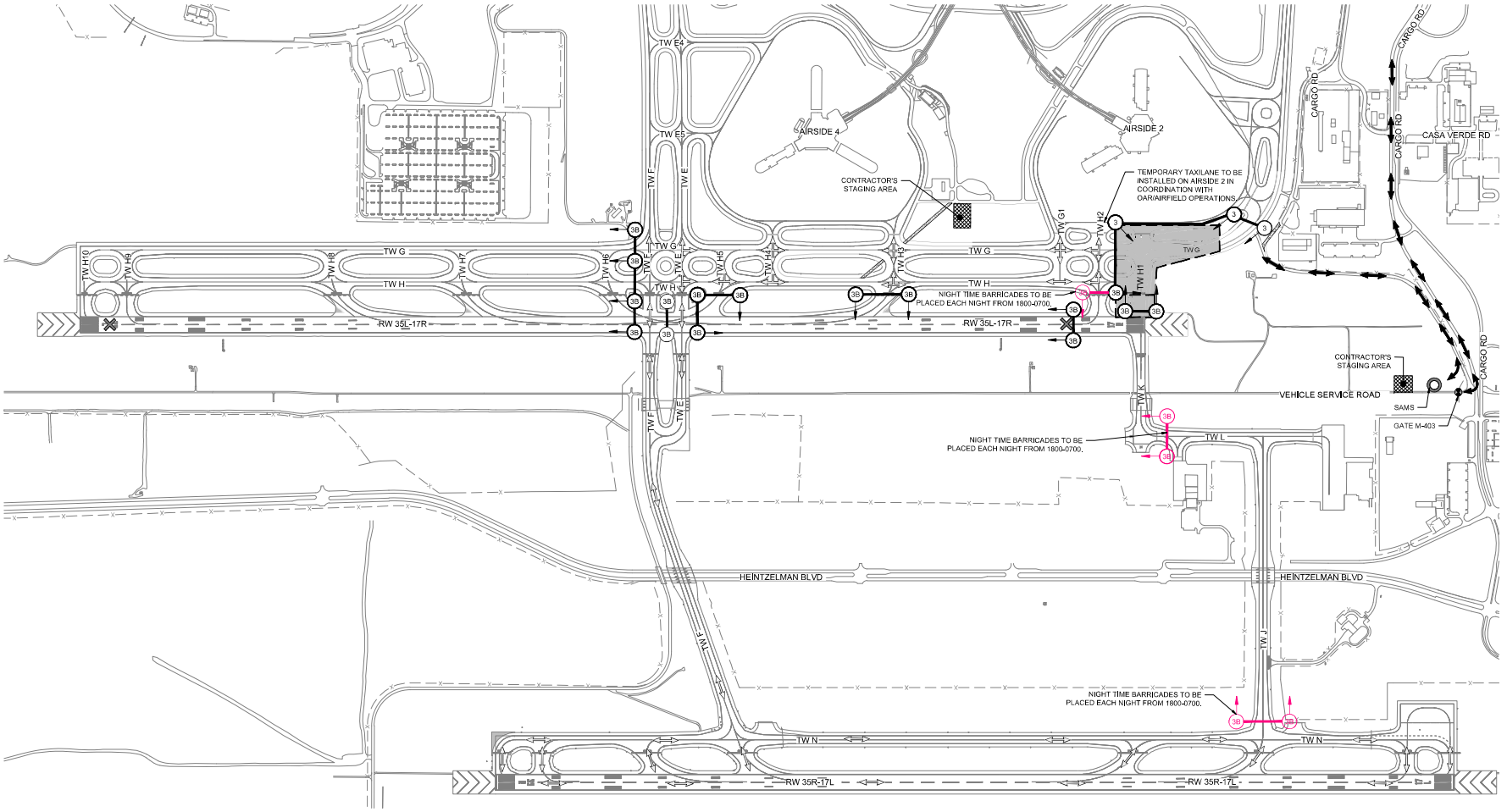
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## PHASE 3B NOTES: DURATION 19 CALENDAR DAYS

1. OBTAIN AUTHORIZATION FROM THE AIRPORT TO CLOSE PHASE 3B AS SHOWN.
2. PLACE BARRICADES AND CLOSE TAXIWAYS AS SHOWN, AND AS DIRECTED/APPROVED BY OAR/AIRFIELD OPERATIONS.
3. PLACE FLAG PERSON AT LOCATIONS SHOWN TO DIRECT CONSTRUCTION TRAFFIC ACROSS ACTIVE AOA AREAS, AS APPROVED BY OAR/AIRFIELD OPERATIONS.
4. COMPLETE WORK ITEMS WITHIN THE LIMITS OF PHASE 3B BEFORE MOVING ON TO THE NEXT PHASE, UNLESS PREVIOUSLY APPROVED BY THE OAR.
5. CLEAN UP, REMOVE BARRICADES AND REOPEN TO TRAFFIC UNDER THE DIRECTION OF THE OAR AND AIRFIELD OPERATIONS.
6. THE COMPLETION OF EACH PHASE SHALL INCLUDE ALL THE WORK REQUIRED TO BE CONSTRUCTED WITHIN THE PHASE INCLUDING ALL LIGHTING, SIGNAGE, AND TEMPORARY PAVEMENT MARKINGS.
7. PHASE 3B WILL BE CONCURRENT WITH PHASE 3 WORK.
8. NIGHT TIME BARRICADES WILL NEED TO BE PLACED AS SHOWN IN THE PLAN VIEW BETWEEN 1800-0700 EACH NIGHT.

## PHASE 3B MAJOR WORK ITEMS

1. EROSION AND SEDIMENT CONTROL
2. FULL DEPTH PAVEMENT REMOVAL
3. ELECTRICAL DEMOLITION
4. FULL STRENGTH PCC PAVEMENT
5. AIRFIELD LIGHTING
6. JOINT SEALANT REMOVAL AND REPLACEMENT
7. PAVEMENT REPAIRS
8. TEMPORARY PAVEMENT MARKINGS
9. PERMANENT PAVEMENT MARKINGS

## OPERATIONAL IMPACTS:

1. TAXIWAY G / J CLOSED BTW TW J5 AND TW H2.
2. TAXIWAY H1 CLOSED BTW AIRSIDE 2 RAMP AND RUNWAY 17R-35L.
3. TAXIWAY H CLOSED BTW TW H1 AND H2.
4. AIRSIDE 2 TAXILANE REDUCED TO ADG IV OPERATIONS.
5. RUNWAY 17R-35L CLOSED.
6. TAXIWAY G CLOSED SOUTH OF TW F.
7. TAXIWAY H CLOSED SOUTH OF TW F
8. TAXIWAY H2 CLOSED BTW TW H AND RW 17R-35L (NIGHT TIME ONLY)
9. TAXIWAY K CLOSED BTW TW L AND RW 17R-35L (NIGHT TIME ONLY)
10. TAXIWAY L CLOSED (NIGHT TIME ONLY)
11. TAXIWAY J CLOSED BTW TW L AND TW N (NIGHT TIME ONLY)

## NOTES:

1. FOR SAFETY AND SECURITY NOTES AND DETAILS REFER TO SHEET C61.0,1 AND C61.0,2.
2. CONTRACTOR SHALL COORDINATE THE ACTUAL WORK LIMITS AND THE PLACEMENT AND LOCATION OF ALL TEMPORARY CONSTRUCTION BARRICADES FOR EACH PHASE WITH THE OAR PRIOR TO THE START OF CONSTRUCTION FOR EACH PHASE.
3. FOR PROJECT HAUL ROUTE AND STAGING AREA SEE SHEET C2.0.2.
4. FOR PAVEMENT MARKING REMOVAL ON TEMPORARY CLOSED RUNWAY OR TAXIWAYS, AS WELL AS COVERING OR DISCONNECTION OF CENTERLINE LIGHT FIXTURES, SIGNS, AND OTHER ELECTRICAL ITEMS REFER TO SECTION 218 OF THE CONSTRUCTION SAFETY AND PHASING PLAN INCLUDED AS AN ATTACHMENT OF THE C-105 SPECIFICATION, IN THE PROJECT MANUAL.
5. BARRICADES TO BE PLACED A MINIMUM OF 280' FROM RUNWAY 17R-35L CENTERLINE DURING CONSTRUCTION.
6. BARRICADES TO BE PLACED A MINIMUM OF 142.5' FROM TAXIWAY CENTERLINES DURING CONSTRUCTION.

## LEGEND

- CONTRACTOR STAGING AREA
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- TOFA — TAXIWAY OBJECT FREE AREA
- ACCESS GATE
- SAMS
- FLAG PERSON: REQUIRED TO MONITOR GROUND CONTROL (TWO FLAG PERSONS REQUIRED AT EACH CROSSING. FLAG PERSONS MUST HAVE THE MOVEMENT AREA DRIVER ENDORSEMENT ON THEIR MCO BADGE)
- 3B 3B — BARRICADE LOCATION PER PHASE 3B
- 3B 3B — BARRICADE LOCATION PER PHASE 3B (NIGHT BARRICADES, SEE PHASE 3B NOTE 8)
- LIGHTED RUNWAY CLOSURE MARKER
- CONTRACTOR'S HAUL ROUTE
- AIRCRAFT MOVEMENTS
- PHASE 3 / 3B LIMITS OF WORK

400' 200' 0 400' 800'
GRAPHIC SCALE

THIS SHEET ADDED AS PART OF BULLETIN # 1

GREATER ORLANDO AVIATION AUTHORITY

BP-497

**TAXIWAYS G & H REHABILITATION - PHASE 1**

ORLANDO INTERNATIONAL AIRPORT


AECOM

**AECOM TECHNICAL SERVICES, INC.**

7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607
PHONE: 813.286.1711
FOR THE FIRM: EB 8115

CLINT JAMES MARTIN
FL. P.E. NO. 82740


REVISIONS

| No. | DATE | DESCRIPTION |
|---|---|---|
| 0 | 01/17/2024 | BULLETIN#1 |

KEY PLAN

| | |
|---|---|
| PROJECT NO.: | 60691183 |
| DESIGNED BY: | CJM |
| DRAWN BY: | RJS |
| CHECKED BY: | AK |
| ISSUE DATE: | 01/17/2024 |
| DRAWING SCALE: | AS NOTED |

DRAWING TITLE:

**BARRICADE LOCATION PLAN PHASE 3B**

△1

DRAWING NO.

**C60.0.3B**


Date: Jan 17, 2024 - Time: 4:02 pm - Plotted By: AAubanel
Drawing: N:\Projects\60691183 Add 1 DB for W-435 TW G&H Rehab\800-CAD_GBB\1st-CAD - BP-497\00-SHEETS\C60.0,1 - 60,0,6 BARRICADE PLAN PHASING.dwg

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No. 1 - RunWay Closure Phase 3B**

| Biditem | Client | Description | Quantity | Units | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| | | EXTENDED SAFETY SECURITY & MAINTENANCE OF TRAFFIC | 1.00 | LS | 3,029.80 | $95,340.56 | $29,742.02 | $31,579.69 | $0.00 | $156,662.27 |
| | | | | | | | | | | 156,662.27 |
| | | **Subtotal** | | | 3,029.80 | $95,340.56 | $29,742.02 | $31,579.69 | $0.00 | $156,662.27 |
| | | **Markup Percent** | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | $11,440.87 | $3,569.04 | $3,789.56 | $0.00 | $18,799.47 |
| | | **Subtotal** | | | | | | | | $175,461.74 |
| | | **Bond** | | | | | | | | |
| | | **Total** | 1.00 | LS | | | | | | $175,461.74 |

The Contractor's cost for this item was based on 60 days. We are only allowed 20 days for this closure, so the cost was reduced by 2/3..

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 95,340.56 | $ 29,742.02 | $ 31,579.69 | $ - |
| **2.3% Deduction LABOR ONLY** | **$ 93,147.73** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 11,440.87 | $ 3,569.04 | $ 3,789.56 | $ - |
| **Subtotal** | $ 104,588.59 | $ 33,311.06 | $ 35,369.25 | $ - |
| **Total** | | **$** | | **173,268.91** |
| **Proposed Unit Price** | | **$** | | **57,756.30** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

Notes: Add 50 calendar days + phase 3b

Work Zone Signs; 25 units x 60 days
Low Profile Barricades; 300 units x 60 days
Portable Lighted Runway Closure Markers; 2 units x 2 months

**Biditem**

# 40

## EXTENDED SAFETY SECURITY & MAINTENANCE OF TRAFFIC

Takeoff Qty: 1.000 LS

Bid Qty: 1.000 LS

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 67,141.24 | 28,199.32 | 95,340.56 | 29,742.02 | 31,579.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 156,662.27 |
| Total | 67,141.24 | 28,199.32 | 95,340.56 | 29,742.02 | 31,579.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 156,662.27 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 3,029.8000 | 0.0003 | 3,029.8000 | 51.7071 | 22.1603 | 31.4676 | 0.0009 |

Activity: 48000 Airport Traffic Control Devices Quantity: 1.00 Unit: LS

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 30,679.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30,679.69 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 30,679.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30,679.69 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2MOT035 | Rent Work Zone Signs | 1.00 | 1,500.00 | ED | 0.35 | 106.250 | 0.37 | 557.81 |
| 2MOT050 | Airport Safety Barricate 8' | 1.00 | 15,000.00 | ED | 0.60 | 106.250 | 0.64 | 9,562.50 |
| 2MOT051 | Airport Barricad Solar Light | 1.00 | 30,000.00 | ED | 0.01 | 106.250 | 0.01 | 318.75 |
| 2MOT052 | Closed Runway/Taxiway Marker | 1.00 | 2.00 | EA | 825.00 | 106.250 | 876.57 | 1,753.13 |
| 2MOT099 | Maintain Lighted Runway Clos | 1.00 | 2.00 | MO | 300.00 | 106.250 | 318.75 | 637.50 |
| 2MOTRCM | Portable Lighted Runway Closure Markers | 1.00 | 2.00 | MO | 6,500.00 | 106.250 | 6,906.25 | 13,812.50 |
| 2SANDBAG | Sandbags for LP Wall | 1.00 | 380.00 | EA | 10.00 | 106.250 | 10.63 | 4,037.50 |

Activity: 48010 Unload & Set LP Barricade Quantity: 2260.00 Unit: LF

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.91 | 0.38 | 1.29 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.53 |
| Total | 2,048.64 | 860.43 | 2,909.07 | 555.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,464.48 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1.5330 | 0.0056 | 179.9994 | 275.9311 | 1.2556 | 1,799.9936 | 0.0006 | 2,759.3106 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 87.9000 | 25.7110 | 0.0389 | 33.0952 | 0.9065 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1717 (Mod) BARR WALL;TEMP,UNLD/SET /LDR Prod: UH 180 Eff: 100.00 Crew Hrs: 12.56 Labor Pcs: 7.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 12.56 | HR | 12.17 | 100.000 | 12.17 | 152.86 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 12.56 | HR | 32.05 | 100.000 | 32.05 | 402.55 |
| L10190 | CREW CHIEF | 1.00 | 12.56 | MH | 46.83 | 80.000 | 53.20 | 668.18 |
| L10320 | OPERATOR LOADER | 1.00 | 12.56 | MH | 22.36 | 110.000 | 34.93 | 438.68 |
| L10400 | LABORER-SKILLED | 1.00 | 12.56 | MH | 19.37 | 110.000 | 30.26 | 380.02 |
| L10410 | LABORER-COMMON | 4.00 | 50.22 | MH | 18.13 | 110.000 | 28.32 | 1,422.19 |

Activity: 48015 Relocate LP Barricade Quantity: 3350.00 Unit: LF

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 6.82 | 2.86 | 9.68 | 1.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.53 |
| Total | 22,839.46 | 9,592.56 | 32,432.02 | 6,190.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 38,622.82 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 11.5292 | 0.0418 | 23.9286 | 275.8773 | 14.0000 | 239.2857 | 0.0042 | 2,758.7729 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 980.0000 | 3.4184 | 0.2925 | 33.0939 | 6.8177 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1717 (Mod) BARR WALL;TEMP,UNLD/SET /LDR Prod: UH 23.9286 Eff: 100.00 Crew Hrs: 140.00 Labor Pcs: 7.00 Equipment Pcs: 2.00

Notes: Additional Phase 3B (19 Calendar Days); +/- 14 Work days Night Work (1800-0700) Runway 17R-35L Closed

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 140.00 | HR | 12.17 | 100.000 | 12.17 | 1,703.80 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 140.00 | HR | 32.05 | 100.000 | 32.05 | 4,487.00 |
| L10190 | CREW CHIEF | 1.00 | 140.00 | MH | 46.83 | 80.000 | 53.20 | 7,447.84 |
| L10320 | OPERATOR LOADER | 1.00 | 140.00 | MH | 22.36 | 110.000 | 34.93 | 4,889.68 |
| L10400 | LABORER-SKILLED | 1.00 | 140.00 | MH | 19.37 | 110.000 | 30.26 | 4,235.83 |
| L10410 | LABORER-COMMON | 4.00 | 560.00 | MH | 18.13 | 110.000 | 28.32 | 15,858.67 |

Activity: 48020 Remove & Load Out LP Barricade Quantity: 2260.00 Unit: LF

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.91 | 0.38 | 1.29 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.53 |
| Total | 2,048.64 | 860.43 | 2,909.07 | 555.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,464.48 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1.5330 | 0.0056 | 179.9994 | 275.9311 | 1.2556 | 1,799.9936 | 0.0006 | 2,759.3106 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 87.9000 | 25.7110 | 0.0389 | 33.0952 | 0.9065 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1717 (Mod) BARR WALL;TEMP,UNLD/SET /LDR Prod: UH 180 Eff: 100.00 Crew Hrs: 12.56 Labor Pcs: 7.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 12.56 | HR | 12.17 | 100.000 | 12.17 | 152.86 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 12.56 | HR | 32.05 | 100.000 | 32.05 | 402.55 |
| L10190 | CREW CHIEF | 1.00 | 12.56 | MH | 46.83 | 80.000 | 53.20 | 668.18 |
| L10320 | OPERATOR LOADER | 1.00 | 12.56 | MH | 22.36 | 110.000 | 34.93 | 438.68 |
| L10400 | LABORER-SKILLED | 1.00 | 12.56 | MH | 19.37 | 110.000 | 30.26 | 380.02 |
| L10410 | LABORER-COMMON | 4.00 | 50.22 | MH | 18.13 | 110.000 | 28.32 | 1,422.19 |

Activity: 48100 Maintain MOT Devices Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 154.70 | 64.97 | 219.67 | 24.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 244.01 |
| Total | 1,082.90 | 454.82 | 1,537.72 | 170.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,708.10 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 244.0143 | 2.0000 | 0.5000 | 122.0071 | 1.4000 | 5.0000 | 0.2000 | 1,220.0714 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 42.0000 | 0.1667 | 6.0000 | 36.6124 | 154.7000 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1712 MOT;MNT TRAFFIC DEV Prod: HU 2 Eff: 100.00 Crew Hrs: 14.00 Labor Pcs: 3.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 14.00 | HR | 12.17 | 100.000 | 12.17 | 170.38 |
| L10190 | CREW CHIEF | 1.00 | 14.00 | MH | 46.83 | 80.000 | 53.20 | 744.79 |
| L10410 | LABORER-COMMON | 2.00 | 28.00 | MH | 18.13 | 110.000 | 28.32 | 792.93 |

Activity: 48520 Light Plants for Nighttime Quantity: 14.00 Unit: DAY

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 520.0000 | 10.0000 | 0.1000 | 52.0000 | 14.0000 | 1.0000 | 1.0000 | 520.0000 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AAEMTY (Mod) EMPTY SHELL CREW Prod: HU 10 Eff: 100.00 Crew Hrs: 140.00 Labor Pcs: 0.00 Equipment Pcs: 4.00

Notes: Additional Phase 3B (19 Calendar Days) Night Work (1800-0700) Runway 17R-35L Closed

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814512T | LIGHT PLANT, 4LITE,3KW | 4.00 | 560.00 | HR | 13.00 | 100.000 | 13.00 | 7,280.00 |

Activity: 48565 Escorts within airfield areas Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 2,130.70 | 894.89 | 3,025.59 | 1,217.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,242.59 |
| Total | 14,914.90 | 6,264.26 | 21,179.16 | 8,519.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 29,698.16 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 4,242.5943 | 50.0000 | 0.0200 | 84.8519 | 35.0000 | 0.2000 | 5.0000 | 848.5189 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 700.0000 | 0.0100 | 100.0000 | 30.2559 | 2,130.7000 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1712 (Mod) MOT;MNT TRAFFIC DEV Prod: HU 50 Eff: 100.00 Crew Hrs: 350.00 Labor Pcs: 2.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 2.00 | 700.00 | HR | 12.17 | 100.000 | 12.17 | 8,519.00 |
| L10400 | LABORER-SKILLED | 2.00 | 700.00 | MH | 19.37 | 110.000 | 30.26 | 21,179.16 |

Activity: 48570 Flaggers (Monitor Ground Control) Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 3,196.05 | 1,342.34 | 4,538.39 | 608.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,146.89 |
| Total | 22,372.35 | 9,396.39 | 31,768.74 | 4,259.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 36,028.24 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 5,146.8914 | 50.0000 | 0.0200 | 102.9378 | 35.0000 | 0.2000 | 5.0000 | 1,029.3783 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 1,050.0000 | 0.0067 | 150.0000 | 30.2559 | 3,196.0500 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1713 (Mod) MOT:FLAGGERS Prod: HU 50 Eff: 100.00 Crew Hrs: 350.00 Labor Pcs: 3.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 350.00 | HR | 12.17 | 100.000 | 12.17 | 4,259.50 |
| L10400 | LABORER-SKILLED | 3.00 | 1,050.00 | MH | 19.37 | 110.000 | 30.26 | 31,768.74 |

Activity: 48735 Maintain Access Road Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 130.90 | 54.98 | 185.88 | 224.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 410.24 |
| Total | 916.29 | 384.84 | 1,301.13 | 1,570.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,871.65 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 410.2357 | 2.0000 | 0.5000 | 205.1179 | 1.4000 | 5.0000 | 0.2000 | 2,051.1786 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 42.0000 | 0.1667 | 6.0000 | 30.9793 | 130.8986 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA4225 LROCK;DUMP/SPR,W/LOADER Prod: HU 2 Eff: 100.00 Crew Hrs: 14.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 822507 | LOADER 3-1/2CY CAT | 1.00 | 14.00 | HR | 79.63 | 100.000 | 79.63 | 1,114.82 |
| 824151 | ROLLER,VIB R&S 60-66" | 1.00 | 14.00 | HR | 32.55 | 100.000 | 32.55 | 455.70 |
| L10320 | OPERATOR LOADER | 1.00 | 14.00 | MH | 22.36 | 110.000 | 34.93 | 488.96 |
| L10350 | OPERATOR ROLLER | 1.00 | 14.00 | MH | 19.01 | 110.000 | 29.69 | 415.71 |
| L10410 | LABORER-COMMON | 1.00 | 14.00 | MH | 18.13 | 110.000 | 28.32 | 396.46 |

Activity: 48740 Security Area Monitoring (SAM) Quantity: 1.00 Unit: LS

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 918.06 | 385.59 | 1,303.65 | 641.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,844.65 |
| Total | 918.06 | 385.59 | 1,303.65 | 641.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,844.65 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,944.6500 | 20.0000 | 0.0500 | 97.2325 | 2.0000 | 0.5000 | 2.0000 | 1,422.3250 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 40.0000 | 0.0250 | 40.0000 | 32.5913 | 918.0600 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AAEMTY (Mod) EMPTY SHELL CREW Prod: HU 20 Eff: 100.00 Crew Hrs: 20.00 Labor Pcs: 2.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2O3014 | Toilet 4 EA | 1.00 | 2.00 | SHMO | 450.00 | 100.000 | 450.00 | 900.00 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 20.00 | HR | 32.05 | 100.000 | 32.05 | 641.00 |
| L10320 | OPERATOR LOADER | 1.00 | 20.00 | MH | 22.36 | 110.000 | 34.93 | 698.53 |
| L10400 | LABORER-SKILLED | 1.00 | 20.00 | MH | 19.37 | 110.000 | 30.26 | 605.12 |



# *ACME BARRICADES LC*


**ORLANDO OFFICE**

**580 CLIFTON ST**

**ORLANDO, FLORIDA 32808**

**PHONE# FOR ORLANDO OFFICE 407-253-4337**




**DATE: 2/23/2024** **BID DATE: 2/23/24**

**PROJECT: GOAA BP 497** **COUNTY: ORANGE**

**CONST DAYS: UNIT PRICE**

| ITEMS | | UNITS | QUANTITY | PRICE | TOTAL |
|---|---|---|---|---|---|
| 102-60 | WORK ZONE SIGNS ON A-FRAMES | ED | 4 | $ 0.35 | |
| | | | | | |
| | **2 STOP SIGNS** | | | | |
| | **2 TRUCKS ENTERING/LEAVING HWY** | | | | |
| | | | | | |
| *ASK ABOUT MOT CREWS FOR PRICING AND AVAILABILITY* | | | | | |
| **WE DO MOT DRAWINGS** | | | | | |
| ***JOB RENTAL MINIMUM IS $450*** | | | | | |
| | | | | | |

***Post Mounted sign rental under 200 days Shall have a $55.00 per sign installation fee.**

**A $35 CHARGE FOR CHANGING OF MESSAGE BOARD MESSAGES AFTER INITIAL MESSAGE IS SET**

***THIS PROPOSAL EXCLUDES Temp Raised Rumble Strips**

***Contractor is responsible for compensating Acme Barricades for any damage resulting to attenuators (TEMP CRASH CUSHIONS) at list price for repair parts plus 20%. And Notwithstanding any Paid IF/WHEN Paid Clauses**

****102-89-1 EXCLUDES ANCHORING OF ANY BARRIER WALL**

***Attenuator (TEMP CRASH CUSHIONS) price excludes asphalt or concrete pad or any site preparation.**

*Price for Item 102-74-1 excludes LCD's (Longitudinal Channelizing Devices)

*Contractor is responsible for coring asphalt and/or concrete if required for work zone signage

*Post mounting of signs will be for the beginning of the project as defined by the plans, and if required thereafter, as ordered and at locations specified by Contractor.

*Reasonable notice is required prior to delivery of MOT devices.

*Contractor is responsible for covering and/or uncovering signs. Acme will provide sign covers if required.

*Prices do not include any labor for lane closures, detours, traffic switches or setups.

*This quotation shall be part of any future contract for work quoted above.

*Acme Barricades, LC shall not perform, or be deemed to perform as the "Worksite Traffic Supervisor" (FDOT Specification 102-3.2 and 105-5.3) without the express written consent of Acme Barricades, to otherwise perform in such capacity

## WE APPRECIATE YOUR BUSINESS,


## MIKE MOORE

mmoore@acmebarricades.com

**CELL PHONE: 813-695-3690**


## OUR SERVICE IS # 1

**PRICING IS CONSIDERED CONFIDENTIAL**

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No. 1 - RunWay Closure Phase 3B**

| Biditem | Client | Description | Quantity | Units | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| | | EXTENDED SAFETY SECURITY & MAINTENANCE OF TRAFFIC | 1.00 | LS | 3,029.80 | $95,340.56 | $29,742.02 | $31,579.69 | $0.00 | $156,662.27 |
| | | | | | | | | | | 156,662.27 |
| | | **Subtotal** | | | 3,029.80 | $95,340.56 | $29,742.02 | $31,579.69 | $0.00 | $156,662.27 |
| | | **Markup Percent** | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | $11,440.87 | $3,569.04 | $3,789.56 | $0.00 | $18,799.47 |
| | | **Subtotal** | | | | | | | | $175,461.74 |
| | | **Bond** | | | | | | | | |
| | | **Total** | 1.00 | LS | | | | | | $175,461.74 |

Total Cost Represents 60 Days. Contract Requires 20 Days.

$175,461.74 / 3 = $58,487.25.
(Proposed Lump Sum)

Notes: Add 50 calendar days + phase 3b

Work Zone Signs; 25 units x 60 days
Low Profile Barricades; 300 units x 60 days
Portable Lighted Runway Closure Markers; 2 units x 2 months

55,363.29 OAR Assessment total pre-markup

**Biditem**

# 40

**EXTENDED SAFETY SECURITY & MAINTENANCE OF TRAFFIC**

Takeoff Qty: 1.000 LS

Bid Qty: 1.000 LS

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 67,141.24 | 28,199.32 | 95,340.56 | 29,742.02 | 31,579.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 156,662.27 |
| Total | 67,141.24 | 28,199.32 | 95,340.56 | 29,742.02 | 31,579.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~156,662.27~~ |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 3,029.8000 | 0.0003 | 3,029.8000 | 51.7071 | 22.1603 | 31.4676 | 0.0009 |

Activity: 48000 Airport Traffic Control Devices Quantity: 1.00 Unit: LS

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 30,679.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30,679.69 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 30,679.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~30,679.69~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

20,904.50

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2MOT035 | Rent Work Zone Signs | 1.00 | 1,500.00 | ED 3,000 | 0.35 | 106.250 | 0.37 | 557.81 |
| 2MOT050 | Airport Safety Barricate 8' | 1.00 | ~~15,000.00~~ | ED | 0.60 | 106.250 | 0.64 | ~~9,562.50~~ |
| 2MOT051 | Airport Barricad Solar Light | 1.00 | ~~30,000.00~~ | ED 6,000 | 0.01 | 106.250 | 0.01 | ~~318.75~~ |
| ~~2MOT052~~ | ~~Closed Runway/Taxiway Marker~~ | ~~1.00~~ | ~~2.00~~ | ~~EA~~ | ~~825.00~~ | ~~106.250~~ | ~~876.57~~ | 1,753.13 |
| 2MOT099 | Maintain Lighted Runway Clos | 1.00 | 2.00 | MO | 300.00 | 106.250 | 318.75 | 637.50 |
| 2MOTRCM | Portable Lighted Runway Closure Markers | 1.00 | 2.00 | MO | 6,500.00 | 106.250 | 6,906.25 | 13,812.50 |
| 2SANDBAG | Sandbags for LP Wall | 1.00 | 380.00 | EA | 10.00 | 106.250 | 10.63 | 4,037.50 |

Activity: 48010 Unload & Set LP Barricade Quantity: 2260.00 Unit: LF

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.91 | 0.38 | 1.29 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.53 |
| Total | 2,048.64 | 860.43 | 2,909.07 | 555.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,464.48 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1.5330 | 0.0056 | 179.9994 | 275.9311 | 1.2556 | 1,799.9936 | 0.0006 | 2,759.3106 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 87.9000 | 25.7110 | 0.0389 | 33.0952 | 0.9065 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1717 (Mod) BARR WALL;TEMP,UNLD/SET /LDR Prod: UH 180 Eff: 100.00 Crew Hrs: 12.56 Labor Pcs: 7.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 12.56 | HR | 12.17 | 100.000 | 12.17 | 152.86 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 12.56 | HR | 32.05 | 100.000 | 32.05 | 402.55 |
| L10190 | CREW CHIEF | 1.00 | 12.56 | MH | 46.83 | 80.000 | 53.20 | 668.18 |
| L10320 | OPERATOR LOADER | 1.00 | 12.56 | MH | 22.36 | 110.000 | 34.93 | 438.68 |
| L10400 | LABORER-SKILLED | 1.00 | 12.56 | MH | 19.37 | 110.000 | 30.26 | 380.02 |
| L10410 | LABORER-COMMON | 4.00 | 50.22 | MH | 18.13 | 110.000 | 28.32 | 1,422.19 |

Activity: 48015 Relocate LP Barricade Quantity: 3350.00 Unit: LF

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 6.82 | 2.86 | 9.68 | 1.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.53 |
| Total | 22,839.46 | 9,592.56 | 32,432.02 | 6,190.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~38,622.82~~ 5112.40 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 11.5292 | 0.0418 | 23.9286 | 275.8773 | 14.0000 | 239.2857 | 0.0042 | 2,758.7729 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 980.0000 | 3.4184 | 0.2925 | 33.0939 | 6.8177 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1717 (Mod) BARR WALL;TEMP,UNLD/SET /LDR Prod: UH 23.9286 Eff: 100.00 Crew Hrs: 140.00 Labor Pcs: 7.00 Equipment Pcs: 2.00

Notes: Additional Phase 3B (19 Calendar Days); +/- 14 Work days Night Work (1800-0700) Runway 17R-35L Closed

2.0

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | ~~1.00~~ | ~~140.00~~ | HR 80 | 12.17 | 100.000 | 12.17 | ~~1,703.80~~ |
| ~~822505~~ | ~~LOADER 2-1/2CY CAT~~ | ~~1.00~~ | ~~140.00~~ | ~~HR~~ | ~~32.05~~ | ~~100.000~~ | ~~32.05~~ | ~~4,487.00~~ |
| L10190 | CREW CHIEF | 1.00 | ~~140.00~~ | MH 40 | 46.83 | 80.000 | 53.20 | 7,447.84 |
| ~~L10320~~ | ~~OPERATOR LOADER~~ | ~~1.00~~ | ~~140.00~~ | ~~MH~~ | ~~22.36~~ | ~~110.000~~ | ~~34.93~~ | ~~4,889.68~~ |
| ~~L10400~~ | ~~LABORER-SKILLED~~ | ~~1.00~~ | ~~140.00~~ | ~~MH~~ | ~~19.37~~ | ~~110.000~~ | ~~30.26~~ | ~~4,235.83~~ |
| L10410 | LABORER-COMMON | ~~4.00~~ | ~~560.00~~ | MH 80 | 18.13 | 110.000 | 28.32 | ~~15,858.67~~ |

Activity: 48020 Remove & Load Out LP Barricade Quantity: 2260.00 Unit: LF

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.91 | 0.38 | 1.29 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.53 |
| Total | 2,048.64 | 860.43 | 2,909.07 | 555.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,464.48 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1.5330 | 0.0056 | 179.9994 | 275.9311 | 1.2556 | 1,799.9936 | 0.0006 | 2,759.3106 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 87.9000 | 25.7110 | 0.0389 | 33.0952 | 0.9065 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1717 (Mod) BARR WALL;TEMP,UNLD/SET /LDR Prod: UH 180 Eff: 100.00 Crew Hrs: 12.56 Labor Pcs: 7.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 12.56 | HR | 12.17 | 100.000 | 12.17 | 152.86 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 12.56 | HR | 32.05 | 100.000 | 32.05 | 402.55 |
| L10190 | CREW CHIEF | 1.00 | 12.56 | MH | 46.83 | 80.000 | 53.20 | 668.18 |
| L10320 | OPERATOR LOADER | 1.00 | 12.56 | MH | 22.36 | 110.000 | 34.93 | 438.68 |
| L10400 | LABORER-SKILLED | 1.00 | 12.56 | MH | 19.37 | 110.000 | 30.26 | 380.02 |
| L10410 | LABORER-COMMON | 4.00 | 50.22 | MH | 18.13 | 110.000 | 28.32 | 1,422.19 |

Activity: 48100 Maintain MOT Devices Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 154.70 | 64.97 | 219.67 | 24.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 244.01 |
| Total | 1,082.90 | 454.82 | 1,537.72 | 170.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,708.10 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 244.0143 | 2.0000 | 0.5000 | 122.0071 | 1.4000 | 5.0000 | 0.2000 | 1,220.0714 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 42.0000 | 0.1667 | 6.0000 | 36.6124 | 154.7000 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1712 MOT;MNT TRAFFIC DEV Prod: HU 2 Eff: 100.00 Crew Hrs: 14.00 Labor Pcs: 3.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 14.00 | HR | 12.17 | 100.000 | 12.17 | 170.38 |
| L10190 | CREW CHIEF | 1.00 | 14.00 | MH | 46.83 | 80.000 | 53.20 | 744.79 |
| L10410 | LABORER-COMMON | 2.00 | 28.00 | MH | 18.13 | 110.000 | 28.32 | 792.93 |

Activity: 48520 Light Plants for Nighttime Quantity: 14.00 Unit: DAY

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 520.0000 | 10.0000 | 0.1000 | 52.0000 | 14.0000 | 1.0000 | 1.0000 | 520.0000 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AAEMTY (Mod) EMPTY SHELL CREW Prod: HU 10 Eff: 100.00 Crew Hrs: 140.00 Labor Pcs: 0.00 Equipment Pcs: 4.00

Notes: Additional Phase 3B (19 Calendar Days) Night Work (1800-0700) Runway 17R-35L Closed

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| ~~814512T~~ | ~~LIGHT PLANT, 4LITE,3KW~~ | ~~4.00~~ | ~~560.00~~ | ~~HR~~ | ~~13.00~~ | ~~100.000~~ | ~~13.00~~ | ~~7,280.00~~ |

Activity: 48565 Escorts within airfield areas Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 2,130.70 | 894.89 | 3,025.59 | 1,217.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,242.59 |
| Total | 14,914.90 | 6,264.26 | 21,179.16 | 8,519.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~29,698.16~~ 15,139.20 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 4,242.5943 | 50.0000 | 0.0200 | 84.8519 | 35.0000 | 0.2000 | 5.0000 | 848.5189 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 700.0000 | 0.0100 | 100.0000 | 30.2559 | 2,130.7000 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1712 (Mod) MOT;MNT TRAFFIC DEV Prod: HU 50 Eff: 100.00 Crew Hrs: 350.00 Labor Pcs: 2.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816312 | TRUCK PICKUP <3/4 TON | 2.00 | ~~700.00~~ 480 | HR | 12.17 | 100.000 | 12.17 | ~~8,519.00~~ |
| L10400 | LABORER-SKILLED | 2.00 | ~~700.00~~ 480 | MH | 19.37 | 110.000 | 30.26 | ~~21,179.16~~ |

Activity: 48570 Flaggers (Monitor Ground Control) Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 3,196.05 | 1,342.34 | 4,538.39 | 608.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,146.89 |
| ~~Total~~ | ~~22,372.35~~ | ~~9,396.39~~ | ~~31,768.74~~ | ~~4,259.50~~ | ~~0.00~~ | ~~0.00~~ | ~~0.00~~ | ~~0.00~~ | ~~0.00~~ | ~~0.00~~ | ~~36,028.24~~ |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 5,146.8914 | 50.0000 | 0.0200 | 102.9378 | 35.0000 | 0.2000 | 5.0000 | 1,029.3783 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 1,050.0000 | 0.0067 | 150.0000 | 30.2559 | 3,196.0500 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1713 (Mod) MOT:FLAGGERS Prod: HU 50 Eff: 100.00 Crew Hrs: 350.00 Labor Pcs: 3.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| ~~816312~~ | ~~TRUCK PICKUP <3/4 TON~~ | ~~1.00~~ | ~~350.00~~ | ~~HR~~ | ~~12.17~~ | ~~100.000~~ | ~~12.17~~ | ~~4,259.50~~ |
| ~~L10400~~ | ~~LABORER-SKILLED~~ | ~~3.00~~ | ~~1,050.00~~ | ~~MH~~ | ~~19.37~~ | ~~110.000~~ | ~~30.26~~ | ~~31,768.74~~ |

Activity: 48735 Maintain Access Road Quantity: 7.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 130.90 | 54.98 | 185.88 | 224.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 410.24 |
| Total | 916.29 | 384.84 | 1,301.13 | 1,570.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,871.65 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 410.2357 | 2.0000 | 0.5000 | 205.1179 | 1.4000 | 5.0000 | 0.2000 | 2,051.1786 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 42.0000 | 0.1667 | 6.0000 | 30.9793 | 130.8986 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA4225 LROCK;DUMP/SPR,W/LOADER Prod: HU 2 Eff: 100.00 Crew Hrs: 14.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 822507 | LOADER 3-1/2CY CAT | 1.00 | 14.00 | HR | 79.63 | 100.000 | 79.63 | 1,114.82 |
| 824151 | ROLLER,VIB R&S 60-66" | 1.00 | 14.00 | HR | 32.55 | 100.000 | 32.55 | 455.70 |
| L10320 | OPERATOR LOADER | 1.00 | 14.00 | MH | 22.36 | 110.000 | 34.93 | 488.96 |
| L10350 | OPERATOR ROLLER | 1.00 | 14.00 | MH | 19.01 | 110.000 | 29.69 | 415.71 |
| L10410 | LABORER-COMMON | 1.00 | 14.00 | MH | 18.13 | 110.000 | 28.32 | 396.46 |

Activity: 48740 Security Area Monitoring (SAM) Quantity: 1.00 Unit: LS

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 918.06 | 385.59 | 1,303.65 | 641.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,844.65 |
| Total | 918.06 | 385.59 | 1,303.65 | 641.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,844.65 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,944.6500 | 20.0000 | 0.0500 | 97.2325 | 2.0000 | 0.5000 | 2.0000 | 1,422.3250 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 40.0000 | 0.0250 | 40.0000 | 32.5913 | 918.0600 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AAEMTY (Mod) EMPTY SHELL CREW Prod: HU 20 Eff: 100.00 Crew Hrs: 20.00 Labor Pcs: 2.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2O3014 | Toilet 4 EA | 1.00 | 2.00 | SHMO | 450.00 | 100.000 | 450.00 | 900.00 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 20.00 | HR | 32.05 | 100.000 | 32.05 | 641.00 |
| L10320 | OPERATOR LOADER | 1.00 | 20.00 | MH | 22.36 | 110.000 | 34.93 | 698.53 |
| L10400 | LABORER-SKILLED | 1.00 | 20.00 | MH | 19.37 | 110.000 | 30.26 | 605.12 |

**Hubbard Construction**
**Equipment & Fuel Rates**
**2022**

| | | | Internal Rate | | | | | Blue Book | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Equip Class | HCSS | Class Description | Utilization Hours | Owning Rate | Operating Rate | Total Rate | Consumption/Hr. | Owning Rate | Operating Rate | Total Rate | Consumption/Hr. |
| 1006 | 81006 | CAR/SUV-CATEGORY 6 | 1800 | 7.00 | 4.00 | 11.00 | 0.77 | 8.60 | 14.11 | 22.71 | 2.03 |
| 1007 | 81007 | CAR/SUV-CATEGORY 7 | 1800 | 7.00 | 4.00 | 11.00 | 0.77 | 8.60 | 14.11 | 22.71 | 2.03 |
| 1008 | 81008 | CAR/SUV-CATEGORY 8 | 1800 | 7.00 | 4.00 | 11.00 | 0.77 | 8.60 | 14.11 | 22.71 | 2.03 |
| 1009 | 81009 | CAR/SUV-CATEGORY 9 | 1800 | 7.00 | 4.00 | 11.00 | 0.77 | 8.60 | 14.11 | 22.71 | 2.03 |
| 1202 | 81202 | P/U Ranger/Van | 1800 | 7.45 | 4.00 | 11.45 | 0.99 | 8.60 | 14.11 | 22.71 | 2.03 |
| 1203 | 81203 | P/U F150 4x2 & 4x4 | 1800 | 7.45 | 4.00 | 11.45 | 0.71 | 8.60 | 14.11 | 22.71 | 2.03 |
| 1301 | 81301 | Flatbed F350 Traffic Control | 1800 | 24.00 | 7.00 | 31.00 | 0.88 | 4.30 | 28.72 | 33.02 | 7.39 |
| 1306 | 81306 | P/U F250 Crew Cab 4x2 | 1800 | 9.00 | 7.00 | 16.00 | 0.85 | 3.04 | 21.29 | 24.33 | 5.41 |
| 1402 | 81402 | FLATBED F450 TRAFFIC TRK | 1800 | 20.00 | 8.00 | 28.00 | 1.32 | 6.34 | 21.43 | 27.77 | 3.92 |
| 1403 | 81403 | Mechanic Truck <6T | 1800 | 20.00 | 8.00 | 28.00 | 1.32 | 6.34 | 21.43 | 27.77 | 3.92 |
| 1404 | 81404 | FLATBED TRUCK < 6T | 1800 | 20.00 | 8.00 | 28.00 | 1.32 | 6.34 | 21.43 | 27.77 | 3.92 |
| 1501 | 81501 | Flatbed RC >6T/CRASH TRK | 1800 | 14.00 | 8.00 | 22.00 | 1.66 | 10.23 | 24.89 | 35.12 | 4.25 |
| 1502 | 81502 | F650/750 FLATDUMP, F650/F750 ASPHALT SERVICE TRKS | 1800 | 20.00 | 10.00 | 30.00 | 1.66 | 10.23 | 24.89 | 35.12 | 4.25 |
| 1601 | 81601 | TRUCK DUMP SINGLE AXLE | | 0.00 | 0.00 | 0.00 | 1.66 | 16.70 | 42.55 | 59.25 | 7.45 |
| 1602 | 81602 | TRUCK DUMP TANDEM AXLE | | 0.00 | 0.00 | 0.00 | 2.91 | 16.70 | 42.55 | 59.25 | 7.45 |
| 1603 | 81603 | TRUCK DUMP TRI-AXLE | | 0.00 | 0.00 | 0.00 | 2.91 | 16.70 | 42.55 | 59.25 | 7.45 |
| 1604 | 81604 | TRUCK DUMP QUAD-AXLE | | 0.00 | 0.00 | 0.00 | 2.91 | 16.70 | 42.55 | 59.25 | 7.45 |
| 1605 | 81605 | TRUCK DUMP >= 5 AXLE | | 0.00 | 0.00 | 0.00 | 0 | 16.70 | 42.55 | 59.25 | 7.45 |
| 1701 | 81701 | TRUCK TRACTOR SINGLE AXLE | | 0.00 | 16.00 | 16.00 | 3.5 | 19.10 | 45.19 | 64.29 | 7.59 |
| 1702 | 81702 | TRUCK TRACTOR TANDEM AXLE | | 0.00 | 16.00 | 16.00 | 3.5 | 19.10 | 45.19 | 64.29 | 7.59 |
| 1703 | 81703 | TRUCK TRACTOR TRI AXLE | | 0.00 | 16.00 | 16.00 | 5.56 | 19.10 | 45.19 | 64.29 | 7.59 |
| 1802 | 81802 | TRAILER 5TH WHEEL T/A | | 0.00 | | 0.00 | 0 | 14.59 | 9.16 | 23.75 | 0 |
| 1803 | 81803 | TRAILER 5TH WHEEL TRI/A | | 0.00 | | 0.00 | 0 | 14.59 | 9.16 | 23.75 | 0 |
| 1811 | 81811 | TRAILER DRAWBAR S/A | 0 | 0.00 | | 0.00 | 0 | 2.96 | 2.39 | 5.35 | 0 |
| 1812 | 81812 | TRAILER DRAWBAR T/A | 500 | 6.00 | | 6.00 | 0 | 2.96 | 2.39 | 5.35 | 0 |
| 1901 | 81901 | TRAILER FIFTH WHEEL DUMP S/A | 200 | 6.00 | | 6.00 | 0 | | | | 0 |
| 1902 | 81902 | TRAILER FIFTH WHEEL DUMP T/A | 200 | 6.00 | | 6.00 | 0 | | | | 0 |
| 1903 | 81903 | TRAILER FIFTH WHEEL DUMP TRI/A | 200 | 6.00 | | 6.00 | 0 | | | | 0 |
| 1904 | 81904 | TRAILER FIFTH WHEEL DUMP =>4 | 200 | 6.00 | | 6.00 | 0 | | | | 0 |
| 1905 | 81905 | TRAILER FIFTH WHEEL TANK | 200 | 6.00 | | 6.00 | 0 | | | | 0 |
| 1907 | 81907 | TRAILER FIFTH WHEEL TANK | 200 | 6.00 | | 6.00 | 0 | | | | 0 |
| 1915 | 81915 | TRAILER ATTENUATOR | 200 | 6.00 | | 6.00 | 0 | | | | 0 |
| 2103 | 82103 | WATER OR FUEL TANK TRAILER>= 5000 GALLONS | 200 | 5.00 | | 5.00 | 0 | | | | 0 |
| 2402 | 82402 | BOAT | 200 | 5.00 | 1.00 | 6.00 | 0 | 5.00 | 1.00 | 6.00 | 0 |
| 2901 | 82901 | LOADER BACK-HOE 14' - 15' | 1800 | 16.00 | 6.00 | 22.00 | 1.6 | 50.10 | 34.89 | 84.99 | 3.26 |
| 3001 | 83001 | EXCAVATOR MINI < 3T | 1800 | 9.00 | 4.00 | 13.00 | 1.3 | 15.48 | 12.07 | 27.55 | 0.87 |
| 3002 | 83002 | EXCAVATOR MINI>=3 <5T | 1800 | 20.00 | 5.00 | 25.00 | 1.45 | 21.50 | 17.52 | 39.02 | 1.54 |
| 3010 | 83010 | EXCAVATOR COMPACT | 1800 | 25.00 | 7.00 | 32.00 | 1.7 | 25.08 | 20.32 | 45.40 | 1.96 |
| 3013 | 83013 | WHEELED EXCAVATOR >= 14 <17 T (16-20 ST) | 1800 | 30.00 | 10.00 | 40.00 | 2.3 | 92.61 | 45.42 | 138.03 | 2.6 |
| 3014 | 83014 | WHEELED EXCAVATOR >= 17 < 20 T (20-25 ST) | 1900 | 33.00 | 11.00 | 44.00 | 2.7 | 104.68 | 48.02 | 152.70 | 2.7 |
| 3015 | 83015 | WHEELED EXCAVATOR >= 20 T (25ST) | 1900 | 44.00 | 14.00 | 58.00 | 3.7 | 247.53 | 90.41 | 337.94 | 3.43 |
| 3021 | 83021 | TRACKED EXCAVATOR >= 5 < 10 T (6-12ST) | 1900 | 20.00 | 8.00 | 28.00 | 1.93 | 75.54 | 48.06 | 123.60 | 1.96 |
| 3022 | 83022 | TRACKED EXCAVATOR >= 10 < 15 T (12-16ST) | 1900 | 36.00 | 10.00 | 46.00 | 2.5 | 82.56 | 44.21 | 126.77 | 1.86 |
| 3023 | 83023 | TRACKED EXCAVATOR >= 15 < 20 T (16-23ST) | 1900 | 38.00 | 15.00 | 53.00 | 3.6 | 94.91 | 50.48 | 145.39 | 2.57 |
| 3024 | 83024 | TRACKED EXCAVATOR >= 20 < 25 T (23-30ST) | 1900 | 40.00 | 19.00 | 59.00 | 3.5 | 139.73 | 66.65 | 206.38 | 3.5 |
| 3025 | 83025 | TRACKED EXCAVATOR >= 25 < 30 T (30-40ST) | 1900 | 51.00 | 23.00 | 74.00 | 6.3 | 118.51 | 56.25 | 174.76 | 2.56 |
| 3026 | 83026 | TRACKED EXCAVATOR >= 30 < 40 T (40-50ST) | 1900 | 51.00 | 25.00 | 76.00 | 6.5 | 141.91 | 75.60 | 217.51 | 5.25 |
| 3027 | 83027 | TRACKED EXCAVATOR >= 40 < 50 T (50-60ST) | 1900 | 65.00 | 30.00 | 95.00 | 8.5 | 159.95 | 85.43 | 245.38 | 6.29 |
| 3028 | 83028 | TRACKED EXCAVATOR >= 50 < 65 T (60-75ST) | 1900 | 75.00 | 35.00 | 110.00 | 11 | 202.58 | ##### | 303.06 | 8.16 |
| 3029 | 83029 | TRACKED EXCAVATOR >= 65 T (75ST) | 1900 | 87.00 | 45.00 | 132.00 | 14 | 233.76 | ##### | 361.08 | 9.87 |
| 3101 | 83101 | W-SHOVEL LOADER <= 0.8 M3(5/8CY) | 1900 | 25.00 | 3.00 | 28.00 | 1 | 45.28 | 32.00 | 77.28 | 2.7 |
| 3102 | 83102 | WHEELED LOADER > 0.8 <= 1.5 M3 (5/8-2CY) | 1900 | 30.00 | 8.00 | 38.00 | 1.5 | 18.42 | 15.30 | 33.72 | 1.52 |
| 3103 | 83103 | W-SHOVEL LOADER > 0.8<=1.5M3(5/8-2CY) | 1900 | 40.00 | 9.00 | 49.00 | 2.5 | 40.67 | 23.84 | 64.51 | 1.58 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3104 | 83104 | WHEELED LOADER > 2.5 <= 3.5 M3 (3-4.5CY) | 1900 | 40.00 | 13.00 | 53.00 | 2.7 | 63.36 | 45.19 | 108.55 | 4.13 |
| 3105 | 83105 | WHEELED LOADER > 3.5 <= 4.5 M3 (4.5CY-6CY) | 1900 | 45.00 | 20.00 | 65.00 | 4.2 | 94.26 | 65.00 | 159.26 | 5.2 |
| 3106 | 83106 | (6-8CY) | 2000 | 54.00 | 25.00 | 79.00 | 5.2 | 94.26 | 65.00 | 159.26 | 5.2 |
| 3107 | 83107 | WHEELED LOADER > 5.5 M3 (8CY) | 1500 | 63.00 | 28.00 | 91.00 | 6.3 | 137.74 | 88.37 | 226.11 | 7.82 |
| 3111 | 83111 | TRACK LOADER <= 1.5 M3 (1.6CY) | 1800 | 25.00 | 6.00 | 31.00 | 1.76 | 36.31 | 27.78 | 64.09 | 1.8 |
| 3112 | 83112 | TRACK LOADER > 1.5 <=2.5 M3 (1.6-3CY) | 1800 | 50.00 | 13.00 | 63.00 | 2.3 | 36.31 | 27.78 | 64.09 | 1.8 |
| 3201 | 83201 | DOZER 60 - 79 H.P. | 1900 | 26.00 | 11.00 | 37.00 | 2.7 | 43.91 | 30.52 | 74.43 | 2.7 |
| 3202 | 83202 | DOZER 80 - 129 H.P. | 1900 | 44.00 | 15.00 | 59.00 | 3.5 | 71.51 | 31.28 | 102.79 | 3.5 |
| 3203 | 83203 | DOZER 130 - 199 H.P. | 1900 | 50.00 | 22.00 | 72.00 | 4.6 | 56.32 | 38.75 | 95.07 | 3.11 |
| 3204 | 83204 | DOZER 200 - 249 H.P. | 1900 | 60.00 | 27.00 | 87.00 | 10 | 91.65 | 68.95 | 160.60 | 6.96 |
| 3205 | 83205 | DOZER 250 - 369 H.P. | 1900 | 100.00 | 38.00 | 138.00 | 18 | 161.57 | ##### | 271.76 | 9.98 |
| 3301 | 83301 | AGRICULTURAL TRACTOR <50 KW | 1900 | 18.00 | 6.00 | 24.00 | 1.1 | 28.57 | 18.79 | 47.36 | 1.5 |
| 3302 | 83302 | TRACTOR AG >= 70 H.P. | 1900 | 40.00 | 45.00 | 85.00 | 19.5 | 58.76 | 21.08 | 79.84 | 19.5 |
| 3402 | 83402 | ELEVATOR SCRAPER | 1900 | 82.00 | 35.00 | 117.00 | 12.5 | 137.21 | 90.69 | 227.90 | 4.76 |
| 3403 | 83403 | ELEVATOR SCRAPER | 1900 | 54.00 | 35.00 | 89.00 | 20 | 137.21 | 90.69 | 227.90 | 5.76 |
| 3501 | 83501 | ARTIC DUMP 16 - 18 T (<20ST) | 1900 | 40.00 | 26.00 | 66.00 | 5.1 | 83.01 | 44.82 | 127.83 | 3.21 |
| 3502 | 83502 | ARTIC DUMP 22 - 25 T (21-28ST) | 1900 | 46.00 | 27.00 | 73.00 | 5.8 | 142.76 | 71.05 | 213.81 | 5.8 |
| 3503 | 83503 | ARTIC DUMP 26 - 30 T (29-33ST) | 1900 | 52.00 | 28.00 | 80.00 | 6.5 | 148.83 | 49.91 | 198.74 | 5.55 |
| 3504 | 83504 | ARTIC DUMP 31 - 35 T (34-39ST) | 1900 | 61.00 | 32.00 | 93.00 | 7.8 | 148.83 | 49.91 | 198.74 | 5.55 |
| 3505 | 83505 | ARTIC DUMP 36 - 40 T (40-45ST) | 1900 | 70.00 | 38.00 | 108.00 | 9.11 | 141.59 | 85.47 | 227.06 | 8.12 |
| 3601 | 83601 | LIME/CEMENT SPREADER (OFF ROAD) | 500 | 29.00 | 18.00 | 47.00 | 0 | | | 0.00 | 0 |
| 3602 | 83602 | SOIL STABILIZER 350-550 H.P. | 1200 | 150.00 | 41.00 | 191.00 | 15 | 486.29 | ##### | 741.64 | 22.86 |
| 3603 | 83603 | RECLAIMER 350 - 400 H.P. | 1200 | 200.00 | 41.00 | 241.00 | 20 | 331.49 | ##### | 483.65 | 11.48 |
| 3604 | 83604 | LIME/CEMENT SPREADER (ON ROAD) | 500 | 40.00 | 15.00 | 55.00 | 2.66 | | | 0.00 | 2.66 |
| 3702 | 83702 | MOTORGRADER >=90 KW <130 KW | 1900 | 45.00 | 12.00 | 57.00 | 3.99 | 82.59 | 60.54 | 143.13 | 6.4 |
| 3703 | 83703 | GRADER >= 200 H.P. | 1900 | 45.00 | 17.00 | 62.00 | 0 | 128.11 | 83.41 | 211.52 | 6.67 |
| 3802 | 83802 | ROAD WIDENER | 300 | 75.00 | 10.00 | 85.00 | 2.2 | 96.44 | 47.14 | 143.58 | 1.72 |
| 4001 | 84001 | ROLLER STATIC 3 DRUM | 500 | 23.00 | 7.00 | 30.00 | 1.5 | 80.82 | 21.02 | 101.84 | 1.91 |
| 4002 | 84002 | STATIC TWINDRUM ROLLER | 1500 | 23.00 | 3.00 | 26.00 | 2.17 | 38.49 | 26.40 | 64.89 | 2.9 |
| 4003 | 84003 | ROLLER STATIC PDFT | 1500 | 115.00 | 45.00 | 160.00 | 0 | 57.41 | 32.17 | 89.58 | 2.94 |
| 4201 | 84201 | VIB ROLLER 1.00 to 1.20 M (3'<4') | 1300 | 7.00 | 3.00 | 10.00 | 0.75 | 67.78 | 29.89 | 97.67 | 1.02 |
| 4202 | 84202 | VIB ROLLER 1.30 to 1.40 M (4'<4'1/2) | | | | 0.00 | 1 | 210.24 | 70.45 | 280.69 | 1.02 |
| 4203 | 84203 | VIB ROLLER 1.45 TO 1.6 M(4'1/2-5'1/2) | | | | 0.00 | 1.15 | 82.47 | 4.89 | 87.36 | 1.15 |
| 4204 | 84204 | VIB ROLLER 1.65 to 1.80 M (5'1/2<6') | | | | 0.00 | 1.7 | 53.79 | 11.31 | 65.10 | 2.66 |
| 4205 | 84205 | VIB ROLLER 1.8 TO 2.0 M(6'-6'1/2) | | | | 0.00 | 1.81 | 157.08 | 70.34 | 227.42 | 2.66 |
| 4206 | 84206 | VIB ROLLER > 2.00 M (6'1/2) | | | | 0.00 | 1.8 | 163.30 | 73.76 | 237.06 | 3.47 |
| 4211 | 84211 | COMB ROLLER < 7.5 T (9ST) | | | 5.00 | 5.00 | 1.3 | 73.35 | 55.32 | 128.67 | 0.96 |
| 4221 | 84221 | ROLLER VIB (SM& PF SD <60" DRUM WIDTH | 1500 | 16.00 | 5.00 | 21.00 | 1.9 | 69.85 | 60.33 | 130.18 | 1.73 |
| 4222 | 84222 | SGLE DRUM VIB ROL >= 1.6M < 1.8 M (5'>=6') | 1500 | 18.00 | 7.00 | 25.00 | 2.2 | 81.36 | 76.06 | 157.42 | 3.02 |
| 4223 | 84223 | SGLE DRUM VIB ROL >= 1.8 M < 2.0 M (6'>=6'1/2) | 1900 | 22.00 | 8.00 | 30.00 | 2.1 | 101.30 | 89.21 | 190.51 | 3.72 |
| 4224 | 84224 | SGLE DRUM ROLLER >= 2 M (6'1/2) | 1900 | 23.00 | 9.00 | 32.00 | 2.3 | 101.30 | 89.21 | 190.51 | 3.72 |
| 4226 | 84226 | PADFOOT VIB ROLLER | 1900 | 22.00 | 9.00 | 31.00 | 2.3 | 312.17 | ##### | 480.57 | 14.49 |
| 4302 | 84302 | PTR >=3T (3ST) <5T (5ST)/WHEEL | 1900 | 27.00 | 3.00 | 30.00 | 0.75 | 105.36 | 38.00 | 143.36 | 3.3 |
| 4303 | 84303 | ROLLER R.T. >= 5 T (5ST) /WHEEL | 1900 | 25.00 | 3.00 | 28.00 | 1.25 | 105.36 | 38.00 | 143.36 | 3.3 |
| 4501 | 84501 | TAMP JJ | 1800 | | 0.50 | 0.50 | 0.25 | 2.88 | 4.08 | 6.96 | 0.41 |
| 4502 | 84502 | TAMP PLATE < 440 LBS | 1800 | | 0.50 | 0.50 | 0.35 | 2.88 | 4.08 | 6.96 | 0.41 |
| 4503 | 84503 | TAMP PLATE 440 - 1100 LBS | 1800 | | 1.00 | 1.00 | 0.75 | 19.33 | 10.92 | 30.25 | 0.5 |
| 4504 | 84504 | TAMP PLATE > 1100 LBS | 1800 | | | 0.00 | 1.5 | 19.33 | 10.92 | 0.00 | 0.5 |
| 4701 | 84701 | Water Wagon Off Road | 1500 | 38.00 | 20.00 | 58.00 | 4.46 | 65.96 | 47.81 | 113.77 | 11.25 |
| 4702 | 84702 | Truck Water On Road 2K - 4K Gallon | 1800 | 30.00 | 6.00 | 36.00 | 2.7 | 21.29 | 39.16 | 60.45 | 6.25 |
| 4703 | 84703 | Water Trailer | 1500 | 5.00 | 1.00 | 6.00 | 0 | 0.00 | 0.00 | 0.00 | 0 |
| 4901 | 84901 | Landscaping Equipment | 1000 | 4.00 | 3.00 | 7.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0 |
| 5801 | 85801 | TRACKED MINI PAVER < 6 T (7ST) | | | | 0.00 | 2.3 | | | 0.00 | 0 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5802 | 85802 | TRACKED MINI PAVER > 6 T < 13 T (7ST-15ST) | | | | 0.00 | 2.8 | 145.42 | 51.13 | 196.55 | 1.99 |
| 5803 | 85803 | TRACKED PAVER 2.5M > 17T (18ST) | | | | 0.00 | 2.8 | 198.34 | 89.50 | 287.84 | 6.03 |
| 5804 | 85804 | TRACKED PAVER 2.5 M > (8') 17 T (18ST) | | | | 0.00 | 2.8 | 170.56 | 90.35 | 260.91 | 7.85 |
| 5805 | 85805 | TRACKED PAVER 3.0M(10') | | | | 0.00 | 3.5 | 170.56 | 90.35 | 260.91 | 7.85 |
| 5810 | 85810 | WHEELED MINI PAVER < 6 T (7ST) | | | | 0.00 | 2.9 | | | 0.00 | 0 |
| 5811 | 85811 | WHEELED PAVER >= 6 < 13 T (7-15ST) | | | | 0.00 | 2.9 | 172.37 | 76.66 | 249.03 | 4.55 |
| 5812 | 85812 | WHEELED PAVER 2.5 M (8') 14-16 T (15-18ST) | | | | 0.00 | 2.9 | 271.48 | ##### | 380.13 | 6.14 |
| 5813 | 85813 | WHEELED PAVER 2.5M >17TT (18ST) | | | | 0.00 | 2.9 | 182.22 | 96.51 | 278.73 | 7.94 |
| 5820 | 85820 | MATERIAL TRANSFER VEHICLE | | | | 0.00 | 4.11 | 297.27 | 99.02 | 396.29 | 3.49 |
| 6203 | 86203 | DISTRIBUTOR ASPHALT | | 0.00 | | 0.00 | 5 | | | 0.00 | 0 |
| 6205 | 86205 | DISTRIBUTOR TRI AXLE | | | | 0.00 | 0 | | | 0.00 | 0 |
| 6211 | 86211 | MICRO SURFACING MACHINE RIGID | | | | 0.00 | 0 | | | 0.00 | 0 |
| 6213 | 86213 | MICRO MACHINE SURFACING CONTINUOUS MACHINE (SELF PROP) | | | | 0.00 | 0 | | | 0.00 | 0 |
| 6301 | 86301 | MICRO SURFACING TRUCK | | | | 0.00 | 0 | | | 0.00 | 0 |
| 6302 | 86302 | MICRO SURFACING TRAILER | | | | 0.00 | 0 | | | 0.00 | 0 |
| 6402 | 86402 | TRUCK PLO/SAND/TA | 300 | 40.00 | 7.00 | 47.00 | 2.38 | 12.48 | 41.83 | 54.31 | 7.35 |
| 6602 | 86602 | SELF PROP SWEEPING MACHINE (OFF ROAD) | 1500 | 22.00 | 4.00 | 26.00 | 1.5 | 59.30 | 37.12 | 96.42 | 1.17 |
| 6603 | 86603 | SWEEPING MACHINE (LICENSED) | | | | 0.00 | | 54.67 | 40.00 | 94.67 | 2.72 |
| 6605 | 86605 | SWEEPING TRUCK (LICENSED) | | | 10.00 | 10.00 | 0 | 54.67 | 40.00 | 94.67 | 2.72 |
| 6606 | 86606 | TRUCK VACUUM / HYDROVAC | 0 | 0.00 | 0.00 | 0.00 | 2.38 | | | | 2.38 |
| 6607 | 86607 | SANDBLASTER | | | | 0.00 | 0 | 0.98 | 0.54 | 1.52 | 0 |
| 7001 | 87001 | SITE CONCRETE MIXER | 700 | 2.00 | 0.50 | 2.50 | 0.25 | 0.89 | 1.85 | 2.74 | 0.33 |
| 7203 | 87203 | TELESCOPIC FORKLIFT | | 12.00 | 0.00 | 12.00 | 1 | 94.61 | 36.84 | 131.45 | |
| 7401 | 87401 | TRENCH BOX | 1000 | 7.00 | | 7.00 | 0 | | | 0.00 | 0 |
| 7501 | 87501 | BARRIER WALL HOOK | | 1.00 | | 1.00 | 0 | | | 0.00 | 0 |
| 7603 | 87603 | SCREED | 50 | 104.00 | 1.00 | 105.00 | 0.25 | | | 0.00 | 0 |
| 9001 | 89001 | GENERATOR SET < 10 KVA | 160 | 1.00 | 1.00 | 2.00 | 1.25 | | | 0.00 | 0 |
| 9002 | 89002 | GENERATOR SET > 10 < 50 KVA | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9003 | 89003 | GENERATOR SET > 50 < 200 KVA | 160 | 16.00 | 5.00 | 21.00 | 1.25 | | | 0.00 | 0 |
| 9004 | 89004 | GENERATOR SET > 200 < 400 KVA | 160 | 42.00 | 8.00 | 50.00 | 1.25 | | | 0.00 | 0 |
| 9005 | 89005 | GENERATOR SET > 400 KVA | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9010 | 89010 | WELDER | 160 | 4.00 | 0.50 | 4.50 | 0 | | | 0.00 | 0 |
| 9020 | 89020 | TRANSFORMER < 400 KVA | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9021 | 89021 | TRANSFORMER >= 400 KVA | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9101 | 89101 | AIR COMPRESSOR 5-20 CFM | 160 | 2.00 | 1.00 | 3.00 | 1.25 | | | 0.00 | 0 |
| 9102 | 89102 | AIR COMPRESSOR 20-185 CFM | 1800 | 4.00 | 3.00 | 7.00 | 1.25 | | | 0.00 | 0 |
| 9103 | 89103 | AIR COMPRESSOR 185 -1200 CFM | 160 | 9.00 | 4.00 | 13.00 | 2.25 | | | 0.00 | 0 |
| 9104 | 89104 | AIR COMPRESSOR > 1200 CFM | | | | 0.00 | 3.25 | | | 0.00 | 0 |
| 9105 | 89105 | AIR HAMMER | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9106 | 89106 | AIR BREAKER | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9201 | 89201 | PUMP ELECTRIC | 160 | 2.00 | 2.00 | 4.00 | 0.5 | | | 0.00 | 0 |
| 9202 | 89202 | PUMP ENGINE | 160 | 5.00 | 3.00 | 8.00 | 0.5 | | | 0.00 | 0 |
| 9203 | 89203 | PUMP SUBMERSIBLE | 160 | 3.00 | 4.00 | 7.00 | 0.5 | | | 0.00 | 0 |
| 9204 | 89204 | PUMP VACUUM | 160 | 9.00 | 5.00 | 14.00 | 0.5 | | | 0.00 | 0 |
| 9205 | 89205 | PUMP SAND | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9206 | 89206 | PUMP TRASH (SLUDGE) | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9301 | 89301 | PILE DRIVING SWINGING LEADS | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9303 | 89303 | PILE DRIVING HAMMER/VIBROS | 160 | 58.00 | 4.00 | 62.00 | 0 | | | 0.00 | 0 |
| 9501 | 89501 | CONNEX BOX | 160 | 1.00 | | 1.00 | 0 | | | 0.00 | 0 |
| 9502 | 89502 | OFFICE TRAILER | | 29.00 | | 29.00 | 0 | | | 0.00 | 0 |
| 9503 | 89503 | CONNEX BOX SMALL TOOLS | | 0.50 | | 0.50 | 0 | | | 0.00 | 0 |
| 9504 | 89504 | OFFICE TRAILER (MOBILE) | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9701 | 89701 | GENERATOR HIGH FREQUENCY | | | | 0.00 | 0 | | | 0.00 | 0 |
| 9702 | 89702 | SURVEY EQUIPMENT > 10 K€ (12K$) | | 4.00 | | 4.00 | 0 | | | 0.00 | 0 |
| 9803 | 89803 | SITE EQUIPMENT < 10 K€ (12K$) | | 1.00 | | 1.00 | 0 | | | 0.00 | 0 |
| 9804 | 89804 | SURVEY EQUIPMENT < 10 K€ (12K$) | | | | 0.00 | 0 | | | 0.00 | 0 |

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 100 - 199 HP**
On-Highway Light Duty Trucks

Size Class:
**100 - 199 hp**
Weight:
**N/A**

### Configuration for AVERAGE 100 - 199 HP

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Cab Type | **Crew** |
| Horsepower | **169.0 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $1,600.00 | USD $450.00 | USD $115.00 | USD $17.00 | USD $14.11 | USD $23.20 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $86.40) | (USD $24.30) | (USD $6.21) | (USD $0.92) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,513.60** | **USD $425.70** | **USD $108.79** | **USD $16.08** | **USD $14.11** | **USD $22.71** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $4.30 |
| Idling Rate | USD $17.01 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $560.00/mo |
| Overhaul (ownership) | 34% | USD $544.00/mo |
| CFC (ownership) | 13% | USD $208.00/mo |
| Indirect (ownership) | 18% | USD $288.00/mo |
| Fuel (operating) @ USD 4.15 | 59.6% | USD $8.41/hr |

Revised Date: 1st quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 100 - 199 HP**
On-Highway Light Duty Trucks

Size Class:
**100 - 199 hp**
Weight:
**N/A**

### Configuration for AVERAGE 100 - 199 HP

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Cab Type | **Crew** |
| Horsepower | **169.0 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $1,600.00 | USD $450.00 | USD $115.00 | USD $17.00 | USD $14.11 | USD $23.20 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $86.40) | (USD $24.30) | (USD $6.21) | (USD $0.92) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,513.60** | **USD $425.70** | **USD $108.79** | **USD $16.08** | **USD $14.11** | **USD $22.71** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $4.30 |
| Idling Rate | USD $17.01 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $560.00/mo |
| Overhaul (ownership) | 34% | USD $544.00/mo |
| CFC (ownership) | 13% | USD $208.00/mo |
| Indirect (ownership) | 18% | USD $288.00/mo |
| Fuel (operating) @ USD 4.15 | 59.6% | USD $8.41/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 100 - 199 HP**
On-Highway Light Duty Trucks

Size Class:
**100 - 199 hp**
Weight:
**N/A**

### Configuration for AVERAGE 100 - 199 HP

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Cab Type | **Crew** |
| Horsepower | **169.0 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $1,600.00 | USD $450.00 | USD $115.00 | USD $17.00 | USD $14.11 | USD $23.20 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $86.40) | (USD $24.30) | (USD $6.21) | (USD $0.92) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,513.60** | **USD $425.70** | **USD $108.79** | **USD $16.08** | **USD $14.11** | **USD $22.71** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $4.30 |
| Idling Rate | USD $17.01 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $560.00/mo |
| Overhaul (ownership) | 34% | USD $544.00/mo |
| CFC (ownership) | 13% | USD $208.00/mo |
| Indirect (ownership) | 18% | USD $288.00/mo |
| Fuel (operating) @ USD 4.15 | 59.6% | USD $8.41/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 100 - 199 HP**
On-Highway Light Duty Trucks

Size Class:
**100 - 199 hp**
Weight:
**N/A**

### Configuration for AVERAGE 100 - 199 HP

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Cab Type | **Crew** |
| Horsepower | **169.0 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $1,600.00 | USD $450.00 | USD $115.00 | USD $17.00 | USD $14.11 | USD $23.20 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $86.40) | (USD $24.30) | (USD $6.21) | (USD $0.92) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,513.60** | **USD $425.70** | **USD $108.79** | **USD $16.08** | **USD $14.11** | **USD $22.71** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $4.30 |
| Idling Rate | USD $17.01 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $560.00/mo |
| Overhaul (ownership) | 34% | USD $544.00/mo |
| CFC (ownership) | 13% | USD $208.00/mo |
| Indirect (ownership) | 18% | USD $288.00/mo |
| Fuel (operating) @ USD 4.15 | 59.6% | USD $8.41/hr |

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 100 - 199 HP**
On-Highway Light Duty Trucks

Size Class:
**100 - 199 hp**
Weight:
**N/A**

### Configuration for AVERAGE 100 - 199 HP

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Cab Type | **Crew** |
| Horsepower | **169.0 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $1,600.00 | USD $450.00 | USD $115.00 | USD $17.00 | USD $14.11 | USD $23.20 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $86.40) | (USD $24.30) | (USD $6.21) | (USD $0.92) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,513.60** | **USD $425.70** | **USD $108.79** | **USD $16.08** | **USD $14.11** | **USD $22.71** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $4.30 |
| Idling Rate | USD $17.01 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $560.00/mo |
| Overhaul (ownership) | 34% | USD $544.00/mo |
| CFC (ownership) | 13% | USD $208.00/mo |
| Indirect (ownership) | 18% | USD $288.00/mo |
| Fuel (operating) @ USD 4.15 | 59.6% | USD $8.41/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 100 - 199 HP**
On-Highway Light Duty Trucks

Size Class:
**100 - 199 hp**
Weight:
**N/A**

### Configuration for AVERAGE 100 - 199 HP

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Cab Type | **Crew** |
| Horsepower | **169.0 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $1,600.00 | USD $450.00 | USD $115.00 | USD $17.00 | USD $14.11 | USD $23.20 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $86.40) | (USD $24.30) | (USD $6.21) | (USD $0.92) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,513.60** | **USD $425.70** | **USD $108.79** | **USD $16.08** | **USD $14.11** | **USD $22.71** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $4.30 |
| Idling Rate | USD $17.01 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $560.00/mo |
| Overhaul (ownership) | 34% | USD $544.00/mo |
| CFC (ownership) | 13% | USD $208.00/mo |
| Indirect (ownership) | 18% | USD $288.00/mo |
| Fuel (operating) @ USD 4.15 | 59.6% | USD $8.41/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 4X4 8.5KGVW GAS**
On-Highway Flatbed Trucks

Size Class:
**6,001 - 10,000 lbs**
Weight:
**N/A**

### Configuration for 4X4 8.5KGVW GAS

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Horsepower | **220.0** |
| Maximum Gross Vehicle Weight | **8500.0 lbs** | Power Mode | **Gasoline** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $800.00 | USD $225.00 | USD $56.00 | USD $8.00 | USD $28.72 | USD $33.27 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $44.00) | (USD $12.38) | (USD $3.08) | (USD $0.44) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $756.00** | **USD $212.63** | **USD $52.92** | **USD $7.56** | **USD $28.72** | **USD $33.02** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $2.15 |
| Idling Rate | USD $28.24 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $392.00/mo |
| Overhaul (ownership) | 26% | USD $208.00/mo |
| CFC (ownership) | 13% | USD $104.00/mo |
| Indirect (ownership) | 12% | USD $96.00/mo |
| Fuel (operating) @ USD 3.24 | 93.26% | USD $23.94/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 4X4 3/4 285 CREW GAS**
On-Highway Light Duty Trucks

Size Class:
**200 - 299 hp**
Weight:
**N/A**

### Configuration for 4X4 3/4 285 CREW GAS

| | | | |
|---|---|---|---|
| Axle Configuration | **4X4** | Cab Type | **Crew** |
| Horsepower | **285.0** | Power Mode | **Gasoline** |
| Ton Rating | **3/4** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $565.00 | USD $160.00 | USD $40.00 | USD $6.00 | USD $21.29 | USD $24.50 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $30.51) | (USD $8.64) | (USD $2.16) | (USD $0.32) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $534.49** | **USD $151.36** | **USD $37.84** | **USD $5.68** | **USD $21.29** | **USD $24.33** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $1.52 |
| Idling Rate | USD $20.57 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $197.75/mo |
| Overhaul (ownership) | 34% | USD $192.10/mo |
| CFC (ownership) | 13% | USD $73.45/mo |
| Indirect (ownership) | 18% | USD $101.70/mo |
| Fuel (operating) @ USD 3.24 | 82.34% | USD $17.53/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 4X2 15KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**14,001 - 16,000 lbs**
Weight:
**5214 lbs**

### Configuration for 4X2 15KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **4X2** | Horsepower | **200.0** |
| Maximum Gross Vehicle Weight | **15000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $1,180.00 | USD $330.00 | USD $83.00 | USD $12.00 | USD $21.43 | USD $28.13 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $64.90) | (USD $18.15) | (USD $4.57) | (USD $0.66) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,115.10** | **USD $311.85** | **USD $78.43** | **USD $11.34** | **USD $21.43** | **USD $27.77** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $3.17 |
| Idling Rate | USD $22.59 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $578.20/mo |
| Overhaul (ownership) | 26% | USD $306.80/mo |
| CFC (ownership) | 13% | USD $153.40/mo |
| Indirect (ownership) | 12% | USD $141.60/mo |
| Fuel (operating) @ USD 4.15 | 75.83% | USD $16.25/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 4X2 15KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**14,001 - 16,000 lbs**
Weight:
**5214 lbs**

### Configuration for 4X2 15KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **4X2** | Horsepower | **200.0** |
| Maximum Gross Vehicle Weight | **15000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $1,180.00 | USD $330.00 | USD $83.00 | USD $12.00 | USD $21.43 | USD $28.13 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $64.90) | (USD $18.15) | (USD $4.57) | (USD $0.66) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,115.10** | **USD $311.85** | **USD $78.43** | **USD $11.34** | **USD $21.43** | **USD $27.77** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $3.17 |
| Idling Rate | USD $22.59 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $578.20/mo |
| Overhaul (ownership) | 26% | USD $306.80/mo |
| CFC (ownership) | 13% | USD $153.40/mo |
| Indirect (ownership) | 12% | USD $141.60/mo |
| Fuel (operating) @ USD 4.15 | 75.83% | USD $16.25/hr |

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 4X2 15KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**14,001 - 16,000 lbs**
Weight:
**5214 lbs**

### Configuration for 4X2 15KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **4X2** | Horsepower | **200.0** |
| Maximum Gross Vehicle Weight | **15000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $1,180.00 | USD $330.00 | USD $83.00 | USD $12.00 | USD $21.43 | USD $28.13 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $64.90) | (USD $18.15) | (USD $4.57) | (USD $0.66) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,115.10** | **USD $311.85** | **USD $78.43** | **USD $11.34** | **USD $21.43** | **USD $27.77** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $3.17 |
| Idling Rate | USD $22.59 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $578.20/mo |
| Overhaul (ownership) | 26% | USD $306.80/mo |
| CFC (ownership) | 13% | USD $153.40/mo |
| Indirect (ownership) | 12% | USD $141.60/mo |
| Fuel (operating) @ USD 4.15 | 75.83% | USD $16.25/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 4X2 30KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**26,001 - 33,000 lbs**
Weight:
**8994 lbs**

### Configuration for 4X2 30KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **4X2** | Horsepower | **217.0** |
| Maximum Gross Vehicle Weight | **30000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $1,905.00 | USD $535.00 | USD $135.00 | USD $20.00 | USD $24.89 | USD $35.71 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $104.78) | (USD $29.42) | (USD $7.43) | (USD $1.10) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $1,800.22** | **USD $505.58** | **USD $127.57** | **USD $18.90** | **USD $24.89** | **USD $35.12** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $5.11 |
| Idling Rate | USD $27.86 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $933.45/mo |
| Overhaul (ownership) | 26% | USD $496.30/mo |
| CFC (ownership) | 13% | USD $247.65/mo |
| Indirect (ownership) | 12% | USD $228.60/mo |
| Fuel (operating) @ USD 4.15 | 70.83% | USD $17.63/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 4X2 30KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**26,001 - 33,000 lbs**
Weight:
**8994 lbs**

### Configuration for 4X2 30KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **4X2** | Horsepower | **217.0** |
| Maximum Gross Vehicle Weight | **30000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $1,905.00 | USD $535.00 | USD $135.00 | USD $20.00 | USD $24.89 | USD $35.71 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $104.78) | (USD $29.42) | (USD $7.43) | (USD $1.10) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | - | | |
| **Total:** | **USD $1,800.22** | **USD $505.58** | **USD $127.57** | **USD $18.90** | **USD $24.89** | **USD $35.12** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $5.11 |
| Idling Rate | USD $27.86 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $933.45/mo |
| Overhaul (ownership) | 26% | USD $496.30/mo |
| CFC (ownership) | 13% | USD $247.65/mo |
| Indirect (ownership) | 12% | USD $228.60/mo |
| Fuel (operating) @ USD 4.15 | 70.83% | USD $17.63/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 45KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**33,001 - 45,000 lbs**
Weight:
**13898 lbs**

### Configuration for 6X4 45KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **380.0** |
| Maximum Gross Vehicle Weight | **45000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,110.00 | USD $870.00 | USD $220.00 | USD $33.00 | USD $42.55 | USD $60.22 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $171.05) | (USD $47.86) | (USD $12.10) | (USD $1.82) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,938.95** | **USD $822.15** | **USD $207.90** | **USD $31.18** | **USD $42.55** | **USD $59.25** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $8.35 |
| Idling Rate | USD $47.58 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $1,523.90/mo |
| Overhaul (ownership) | 26% | USD $808.60/mo |
| CFC (ownership) | 13% | USD $404.30/mo |
| Indirect (ownership) | 12% | USD $373.20/mo |
| Fuel (operating) @ USD 4.15 | 72.57% | USD $30.88/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 45KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**33,001 - 45,000 lbs**
Weight:
**13898 lbs**

### Configuration for 6X4 45KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **380.0** |
| Maximum Gross Vehicle Weight | **45000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,110.00 | USD $870.00 | USD $220.00 | USD $33.00 | USD $42.55 | USD $60.22 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $171.05) | (USD $47.86) | (USD $12.10) | (USD $1.82) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,938.95** | **USD $822.15** | **USD $207.90** | **USD $31.18** | **USD $42.55** | **USD $59.25** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $8.35 |
| Idling Rate | USD $47.58 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $1,523.90/mo |
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## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 45KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**33,001 - 45,000 lbs**
Weight:
**13898 lbs**

### Configuration for 6X4 45KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **380.0** |
| Maximum Gross Vehicle Weight | **45000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,110.00 | USD $870.00 | USD $220.00 | USD $33.00 | USD $42.55 | USD $60.22 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $171.05) | (USD $47.86) | (USD $12.10) | (USD $1.82) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,938.95** | **USD $822.15** | **USD $207.90** | **USD $31.18** | **USD $42.55** | **USD $59.25** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $8.35 |
| Idling Rate | USD $47.58 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 49% | USD $1,523.90/mo |
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## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 45KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**33,001 - 45,000 lbs**
Weight:
**13898 lbs**

### Configuration for 6X4 45KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **380.0** |
| Maximum Gross Vehicle Weight | **45000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,110.00 | USD $870.00 | USD $220.00 | USD $33.00 | USD $42.55 | USD $60.22 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $171.05) | (USD $47.86) | (USD $12.10) | (USD $1.82) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,938.95** | **USD $822.15** | **USD $207.90** | **USD $31.18** | **USD $42.55** | **USD $59.25** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $8.35 |
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### Rate Element Allocation

| Element | Percentage | Value |
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## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 45KGVW DSL**
On-Highway Flatbed Trucks

Size Class:
**33,001 - 45,000 lbs**
Weight:
**13898 lbs**

### Configuration for 6X4 45KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **380.0** |
| Maximum Gross Vehicle Weight | **45000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
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| **Adjustments** | | | | | | |
| Region ( Florida: 94.5%) | (USD $171.05) | (USD $47.86) | (USD $12.10) | (USD $1.82) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,938.95** | **USD $822.15** | **USD $207.90** | **USD $31.18** | **USD $42.55** | **USD $59.25** |

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| | Hourly |
|---|---|
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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 55KGVW DSL**
On-Highway Truck Tractors

Size Class:
**45,001 - 60,000 lbs**
Weight:
**14425 lbs**

### Configuration for 6X4 55KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **310.0** |
| Maximum Gross Vehicle Weight | **50000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,550.00 | USD $995.00 | USD $250.00 | USD $38.00 | USD $45.19 | USD $65.36 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.7%) | (USD $188.15) | (USD $52.74) | (USD $13.25) | (USD $2.01) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $3,361.85** | **USD $942.27** | **USD $236.75** | **USD $35.99** | **USD $45.19** | **USD $64.29** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $9.55 |
| Idling Rate | USD $50.59 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 45% | USD $1,597.50/mo |
| Overhaul (ownership) | 32% | USD $1,136.00/mo |
| CFC (ownership) | 11% | USD $390.50/mo |
| Indirect (ownership) | 12% | USD $426.00/mo |
| Fuel (operating) @ USD 4.15 | 69.68% | USD $31.49/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 55KGVW DSL**
On-Highway Truck Tractors

Size Class:
**45,001 - 60,000 lbs**
Weight:
**14425 lbs**

### Configuration for 6X4 55KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **310.0** |
| Maximum Gross Vehicle Weight | **50000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,550.00 | USD $995.00 | USD $250.00 | USD $38.00 | USD $45.19 | USD $65.36 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.7%) | (USD $188.15) | (USD $52.74) | (USD $13.25) | (USD $2.01) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $3,361.85** | **USD $942.27** | **USD $236.75** | **USD $35.99** | **USD $45.19** | **USD $64.29** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $9.55 |
| Idling Rate | USD $50.59 |

### Rate Element Allocation

| Element | Percentage | Value |
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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 6X4 55KGVW DSL**
On-Highway Truck Tractors

Size Class:
**45,001 - 60,000 lbs**
Weight:
**14425 lbs**

### Configuration for 6X4 55KGVW DSL

| | | | |
|---|---|---|---|
| Axle Configuration | **6X4** | Horsepower | **310.0** |
| Maximum Gross Vehicle Weight | **50000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,550.00 | USD $995.00 | USD $250.00 | USD $38.00 | USD $45.19 | USD $65.36 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.7%) | (USD $188.15) | (USD $52.74) | (USD $13.25) | (USD $2.01) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $3,361.85** | **USD $942.27** | **USD $236.75** | **USD $35.99** | **USD $45.19** | **USD $64.29** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $9.55 |
| Idling Rate | USD $50.59 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 45% | USD $1,597.50/mo |
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| Fuel (operating) @ USD 4.15 | 69.68% | USD $31.49/hr |

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE ALL**
Hydraulic Removable Gooseneck Equipment Trailers

Size Class:
**All**
Weight:
**N/A**

### Configuration for AVERAGE ALL

| | | | |
|---|---|---|---|
| Capacity | **54.0 t** | Number Of Axles | **3.0** |
| Number Of Tires | **12.0** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $2,730.00 | USD $765.00 | USD $190.00 | USD $29.00 | USD $9.16 | USD $24.67 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.2%) | (USD $158.34) | (USD $44.37) | (USD $11.02) | (USD $1.68) | | |
| Model Year (2023: 99.86%) | (USD $3.48) | (USD $0.97) | (USD $0.24) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,568.18** | **USD $719.66** | **USD $178.74** | **USD $27.28** | **USD $9.16** | **USD $23.75** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $7.30 |
| Idling Rate | USD $14.59 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 47% | USD $1,283.10/mo |
| Overhaul (ownership) | 26% | USD $709.80/mo |
| CPC (ownership) | 11% | USD $300.30/mo |
| Indirect (ownership) | 16% | USD $436.80/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE ALL**
Hydraulic Removable Gooseneck Equipment Trailers

Size Class:
**All**
Weight:
**N/A**

### Configuration for AVERAGE ALL

| | | | |
|---|---|---|---|
| Capacity | **54.0 t** | Number Of Axles | **3.0** |
| Number Of Tires | **12.0** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $2,730.00 | USD $765.00 | USD $190.00 | USD $29.00 | USD $9.16 | USD $24.67 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.2%) | (USD $158.34) | (USD $44.37) | (USD $11.02) | (USD $1.68) | | |
| Model Year (2023: 99.86%) | (USD $3.48) | (USD $0.97) | (USD $0.24) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,568.18** | **USD $719.66** | **USD $178.74** | **USD $27.28** | **USD $9.16** | **USD $23.75** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $7.30 |
| Idling Rate | USD $14.59 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 47% | USD $1,283.10/mo |
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| CPC (ownership) | 11% | USD $300.30/mo |
| Indirect (ownership) | 16% | USD $436.80/mo |

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous TOW 2 2 20**
Non-Tilt Deck Utility Trailers

Size Class:
**All**
Weight:
**N/A**

### Configuration for TOW 2 2 20

| | | | |
|---|---|---|---|
| Capacity | **20.0 t** | Hitch Type | **Tow** |
| Number Of Axles | **2.0** | Number Of Tires | **8.0** |
| Power Mode | **Manual** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $550.00 | USD $155.00 | USD $39.00 | USD $6.00 | USD $2.39 | USD $5.51 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $29.70) | (USD $8.37) | (USD $2.11) | (USD $0.32) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $520.30** | **USD $146.63** | **USD $36.89** | **USD $5.68** | **USD $2.39** | **USD $5.35** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $1.48 |
| Idling Rate | USD $2.96 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 46% | USD $253.00/mo |
| Overhaul (ownership) | 30% | USD $165.00/mo |
| CFC (ownership) | 11% | USD $60.50/mo |
| Indirect (ownership) | 13% | USD $71.50/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous TOW 2 2 20**
Non-Tilt Deck Utility Trailers

Size Class:
**All**
Weight:
**N/A**

### Configuration for TOW 2 2 20

| | | | |
|---|---|---|---|
| Capacity | **20.0 t** | Hitch Type | **Tow** |
| Number Of Axles | **2.0** | Number Of Tires | **8.0** |
| Power Mode | **Manual** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $550.00 | USD $155.00 | USD $39.00 | USD $6.00 | USD $2.39 | USD $5.51 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.6%) | (USD $29.70) | (USD $8.37) | (USD $2.11) | (USD $0.32) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $520.30** | **USD $146.63** | **USD $36.89** | **USD $5.68** | **USD $2.39** | **USD $5.35** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $1.48 |
| Idling Rate | USD $2.96 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 46% | USD $253.00/mo |
| Overhaul (ownership) | 30% | USD $165.00/mo |
| CFC (ownership) | 11% | USD $60.50/mo |
| Indirect (ownership) | 13% | USD $71.50/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 15' TO UNDER 16'**
Tractor-Loader-Backhoes

Size Class:
**14.5 - 15.4 ft**
Weight:
**N/A**



### Configuration for AVERAGE 15' TO UNDER 16'

| | | | |
|---|---|---|---|
| Drive | **4WD** | Load Capacity | **1.2 cu yd** |
| Horsepower | **83.7 hp** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $8,820.00 | USD $2,470.00 | USD $620.00 | USD $93.00 | USD $34.89 | USD $85.00 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $2.70) | (USD $0.75) | (USD $0.19) | (USD $0.03) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $8,817.30** | **USD $2,469.25** | **USD $619.81** | **USD $92.97** | **USD $34.89** | **USD $84.99** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $27.05 |
| Idling Rate | USD $63.60 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 23% | USD $2,028.60/mo |
| Overhaul (ownership) | 46% | USD $4,057.20/mo |
| CFC (ownership) | 18% | USD $1,587.60/mo |
| Indirect (ownership) | 13% | USD $1,146.60/mo |
| Fuel (operating) @ USD 4.15 | 38.69% | USD $13.50/hr |

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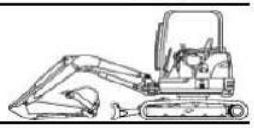
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 2.1 - 3.0 MTONS**
Crawler Mounted Compact Excavators

Size Class:
**2.5 - 3.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 2.1 - 3.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **2.5 mt** | Operator Protection | **ROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $2,725.00 | USD $765.00 | USD $190.00 | USD $29.00 | USD $12.07 | USD $27.55 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $0.88) | (USD $0.25) | (USD $0.06) | (USD $0.01) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,724.12** | **USD $764.75** | **USD $189.94** | **USD $28.99** | **USD $12.07** | **USD $27.55** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $9.29 |
| Idling Rate | USD $19.08 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 26% | USD $708.50/mo |
| Overhaul (ownership) | 40% | USD $1,090.00/mo |
| CFC (ownership) | 17% | USD $463.25/mo |
| Indirect (ownership) | 17% | USD $463.25/mo |
| Fuel (operating) @ USD 4.15 | 29.83% | USD $3.60/hr |

Revised Date: 1st quarter 2024

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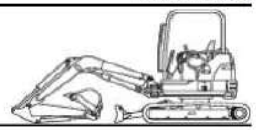
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 4.1 - 5.0 MTONS**
Crawler Mounted Compact Excavators

Size Class:
**3.5 - 4.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 4.1 - 5.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **4.4 mt** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,785.00 | USD $1,060.00 | USD $265.00 | USD $40.00 | USD $17.52 | USD $39.03 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $1.22) | (USD $0.34) | (USD $0.09) | (USD $0.01) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $3,783.78** | **USD $1,059.66** | **USD $264.91** | **USD $39.99** | **USD $17.52** | **USD $39.02** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $12.90 |
| Idling Rate | USD $27.07 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 26% | USD $984.10/mo |
| Overhaul (ownership) | 40% | USD $1,514.00/mo |
| CFC (ownership) | 17% | USD $643.45/mo |
| Indirect (ownership) | 17% | USD $643.45/mo |
| Fuel (operating) @ USD 4.15 | 36.36% | USD $6.37/hr |

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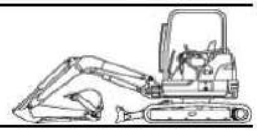
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 5.1 - 6.0 MTONS**
Crawler Mounted Compact Excavators

Size Class:
**4.5 - 5.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 5.1 - 6.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **5.3 mt** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $4,415.00 | USD $1,235.00 | USD $310.00 | USD $47.00 | USD $20.32 | USD $45.41 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.07%) | (USD $1.42) | (USD $0.40) | (USD $0.10) | (USD $0.02) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $4,413.58** | **USD $1,234.60** | **USD $309.90** | **USD $46.98** | **USD $20.32** | **USD $45.40** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $15.05 |
| Idling Rate | USD $33.21 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 26% | USD $1,147.90/mo |
| Overhaul (ownership) | 40% | USD $1,766.00/mo |
| CFC (ownership) | 17% | USD $750.55/mo |
| Indirect (ownership) | 17% | USD $750.55/mo |
| Fuel (operating) @ USD 4.15 | 40.01% | USD $8.13/hr |

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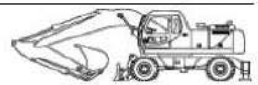
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 15.1 - 17.0 MTONS**
Wheel Mounted Hydraulic Excavators

Size Class:
**15.5 - 17.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 15.1 - 17.0 MTONS

Operating Weight **16.1 mt** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $16,305.00 | USD $4,565.00 | USD $1,140.00 | USD $170.00 | USD $45.42 | USD $138.06 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $5.24) | (USD $1.47) | (USD $0.37) | (USD $0.05) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $16,299.76** | **USD $4,563.53** | **USD $1,139.63** | **USD $169.95** | **USD $45.42** | **USD $138.03** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $50.94 |
| Idling Rate | USD $103.39 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $4,565.40/mo |
| Overhaul (ownership) | 45% | USD $7,337.25/mo |
| CFC (ownership) | 16% | USD $2,608.80/mo |
| Indirect (ownership) | 11% | USD $1,793.55/mo |
| Fuel (operating) @ USD 4.15 | 23.73% | USD $10.78/hr |

Revised Date: 1st quarter 2024

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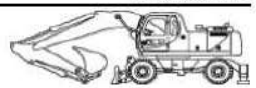
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 17.1 - 20.0 MTONS**
Wheel Mounted Hydraulic Excavators

Size Class:
**17.5 - 20.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 17.1 - 20.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **18.8 mt** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $18,430.00 | USD $5,160.00 | USD $1,290.00 | USD $195.00 | USD $48.02 | USD $152.74 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $5.92) | (USD $1.66) | (USD $0.41) | (USD $0.06) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $18,424.08** | **USD $5,158.34** | **USD $1,289.59** | **USD $194.94** | **USD $48.02** | **USD $152.70** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $57.58 |
| Idling Rate | USD $115.54 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $5,160.40/mo |
| Overhaul (ownership) | 45% | USD $8,293.50/mo |
| CFC (ownership) | 16% | USD $2,948.80/mo |
| Indirect (ownership) | 11% | USD $2,027.30/mo |
| Fuel (operating) @ USD 4.15 | 22.62% | USD $10.86/hr |

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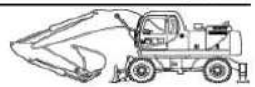
All prices shown in US Dollars (**$**)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 20.1 MTONS & OVER**
Wheel Mounted Hydraulic Excavators

Size Class:
**20.5 mt & Over**
Weight:
**N/A**



### Configuration for AVERAGE 20.1 MTONS & OVER

Operating Weight **22.6 mt** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $43,580.00 | USD $12,205.00 | USD $3,050.00 | USD $460.00 | USD $90.41 | USD $338.02 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $14.00) | (USD $3.92) | (USD $0.98) | (USD $0.15) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $43,566.00** | **USD $12,201.08** | **USD $3,049.02** | **USD $459.85** | **USD $90.41** | **USD $337.94** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $136.14 |
| Idling Rate | USD $261.77 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $12,202.40/mo |
| Overhaul (ownership) | 45% | USD $19,611.00/mo |
| CFC (ownership) | 16% | USD $6,972.80/mo |
| Indirect (ownership) | 11% | USD $4,793.80/mo |
| Fuel (operating) @ USD 4.15 | 15.75% | USD $14.24/hr |

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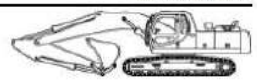
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 11.1 - 12.0 MTONS**
Crawler Mounted Hydraulic Excavators

Size Class:
**10.5 - 12.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 11.1 - 12.0 MTONS

Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $13,300.00 | USD $3,725.00 | USD $930.00 | USD $140.00 | USD $48.06 | USD $123.63 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $4.27) | (USD $1.20) | (USD $0.30) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $13,295.73** | **USD $3,723.80** | **USD $929.70** | **USD $139.96** | **USD $48.06** | **USD $123.60** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $41.55 |
| Idling Rate | USD $83.66 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $3,990.00/mo |
| Overhaul (ownership) | 45% | USD $5,985.00/mo |
| CFC (ownership) | 15% | USD $1,995.00/mo |
| Indirect (ownership) | 10% | USD $1,330.00/mo |
| Fuel (operating) @ USD 4.15 | 16.9% | USD $8.12/hr |

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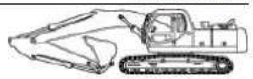
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 14.1 - 16.0 MTONS**
Crawler Mounted Hydraulic Excavators

Size Class:
**14.5 - 16.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 14.1 - 16.0 MTONS

Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $14,535.00 | USD $4,070.00 | USD $1,020.00 | USD $155.00 | USD $44.21 | USD $126.80 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $4.67) | (USD $1.31) | (USD $0.33) | (USD $0.05) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $14,530.33** | **USD $4,068.69** | **USD $1,019.67** | **USD $154.95** | **USD $44.21** | **USD $126.77** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $45.41 |
| Idling Rate | USD $90.26 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $4,360.50/mo |
| Overhaul (ownership) | 45% | USD $6,540.75/mo |
| CFC (ownership) | 15% | USD $2,180.25/mo |
| Indirect (ownership) | 10% | USD $1,453.50/mo |
| Fuel (operating) @ USD 4.15 | 17.42% | USD $7.70/hr |

Revised Date: 1st quarter 2024

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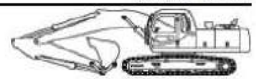
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 19.1 - 21.0 MTONS**
Crawler Mounted Hydraulic Excavators

Size Class:
**19.5 - 21.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 19.1 - 21.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **20.0 mt** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $16,710.00 | USD $4,680.00 | USD $1,170.00 | USD $175.00 | USD $50.48 | USD $145.42 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $5.37) | (USD $1.50) | (USD $0.38) | (USD $0.06) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $16,704.63** | **USD $4,678.50** | **USD $1,169.62** | **USD $174.94** | **USD $50.48** | **USD $145.39** |

### Non-Active Use Rates

| | **Hourly** |
|---|---|
| Standby Rate | USD $52.20 |
| Idling Rate | USD $105.56 |

### Rate Element Allocation

| **Element** | **Percentage** | **Value** |
|---|---|---|
| Depreciation (ownership) | 30% | USD $5,013.00/mo |
| Overhaul (ownership) | 45% | USD $7,519.50/mo |
| CFC (ownership) | 15% | USD $2,506.50/mo |
| Indirect (ownership) | 10% | USD $1,671.00/mo |
| Fuel (operating) @ USD 4.15 | 21.1% | USD $10.65/hr |

Revised Date: 1st quarter 2024

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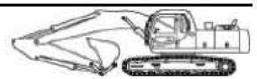
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 24.1 - 28.0 MTONS**
Crawler Mounted Hydraulic Excavators

Size Class:
**24.5 - 28.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 24.1 - 28.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **24.7 mt** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $24,600.00 | USD $6,890.00 | USD $1,725.00 | USD $260.00 | USD $66.65 | USD $206.42 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $7.90) | (USD $2.21) | (USD $0.55) | (USD $0.08) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $24,592.10** | **USD $6,887.79** | **USD $1,724.45** | **USD $259.92** | **USD $66.65** | **USD $206.38** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $76.85 |
| Idling Rate | USD $152.96 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $7,380.00/mo |
| Overhaul (ownership) | 45% | USD $11,070.00/mo |
| CFC (ownership) | 15% | USD $3,690.00/mo |
| Indirect (ownership) | 10% | USD $2,460.00/mo |
| Fuel (operating) @ USD 4.15 | 19.85% | USD $13.23/hr |

Revised Date: 1st quarter 2024

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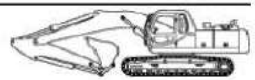
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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 28.1 - 33.0 MTONS**
Crawler Mounted Hydraulic Excavators



Size Class:
**28.5 - 33.4 mt**
Weight:
**N/A**

### Configuration for AVERAGE 28.1 - 33.0 MTONS

Operating Weight **33.5** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $20,865.00 | USD $5,845.00 | USD $1,460.00 | USD $220.00 | USD $56.25 | USD $174.80 |
| **Adjustments** | | | | | | |
| Region (100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $6.70) | (USD $1.88) | (USD $0.47) | (USD $0.07) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | | |
| **Total:** | **USD $20,858.29** | **USD $5,843.12** | **USD $1,459.53** | **USD $219.93** | **USD $56.25** | **USD $174.76** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $65.18 |
| Idling Rate | USD $129.14 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $6,259.50/mo |
| Overhaul (ownership) | 45% | USD $9,389.25/mo |
| CFC (ownership) | 15% | USD $3,129.75/mo |
| Indirect (ownership) | 10% | USD $2,086.50/mo |
| Fuel (operating) @ USD 4.15 | 18.9% | USD $10.63/hr |

Revised Date: 1st quarter 2024

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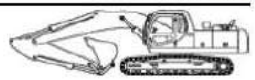
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 33.1 - 40.0 MTONS**
Crawler Mounted Hydraulic Excavators

Size Class:
**33.5 - 40.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 33.1 - 40.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **35.7 mt** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $24,985.00 | USD $6,095.00 | USD $1,750.00 | USD $265.00 | USD $75.60 | USD $217.56 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $8.03) | (USD $2.25) | (USD $0.56) | (USD $0.09) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $24,976.97** | **USD $6,092.75** | **USD $1,749.44** | **USD $264.91** | **USD $75.60** | **USD $217.51** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $78.05 |
| Idling Rate | USD $163.66 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $7,495.50/mo |
| Overhaul (ownership) | 45% | USD $11,243.25/mo |
| CFC (ownership) | 15% | USD $3,747.75/mo |
| Indirect (ownership) | 10% | USD $2,498.50/mo |
| Fuel (operating) @ USD 4.15 | 28.0% | USD $21.77/hr |

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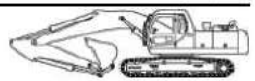
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 40.1 - 50.0 MTONS**
Crawler Mounted Hydraulic Excavators

Size Class:
**40.5 - 50.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 40.1 - 50.0 MTONS

Operating Weight **45.2 mt** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $28,160.00 | USD $7,885.00 | USD $1,970.00 | USD $295.00 | USD $85.43 | USD $245.43 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $9.05) | (USD $2.53) | (USD $0.63) | (USD $0.09) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $28,150.95** | **USD $7,882.47** | **USD $1,969.37** | **USD $294.91** | **USD $85.43** | **USD $245.38** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $87.97 |
| Idling Rate | USD $186.04 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $8,448.00/mo |
| Overhaul (ownership) | 45% | USD $12,672.00/mo |
| CFC (ownership) | 15% | USD $4,224.00/mo |
| Indirect (ownership) | 10% | USD $2,816.00/mo |
| Fuel (operating) @ USD 4.15 | 30.54% | USD $26.09/hr |

Revised Date: 1st quarter 2024

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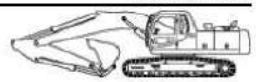
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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 50.1 - 66.0 MTONS**
Crawler Mounted Hydraulic Excavators



Size Class:
**50.5 - 66.4 mt**
Weight:
**N/A**

### Configuration for AVERAGE 50.1 - 66.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **55.2 mt** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $35,665.00 | USD $9,985.00 | USD $2,495.00 | USD $375.00 | USD $100.48 | USD $303.12 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $11.46) | (USD $3.21) | (USD $0.80) | (USD $0.12) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | | |
| **Total:** | **USD $35,653.54** | **USD $9,981.79** | **USD $2,494.20** | **USD $374.88** | **USD $100.48** | **USD $303.06** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $111.42 |
| Idling Rate | USD $236.42 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $10,699.50/mo |
| Overhaul (ownership) | 45% | USD $16,049.25/mo |
| CFC (ownership) | 15% | USD $5,340.75/mo |
| Indirect (ownership) | 10% | USD $3,566.50/mo |
| Fuel (operating) @ USD 4.15 | 33.68% | USD $33.84/hr |

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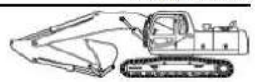
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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 66.1 - 90.0 MTONS**
Crawler Mounted Hydraulic Excavators



Size Class:
**66.5 - 90.4 mt**
Weight:
**N/A**

### Configuration for AVERAGE 66.1 - 90.0 MTONS

| | | | |
|---|---|---|---|
| Operating Weight | **76.5 mt** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $41,155.00 | USD $11,525.00 | USD $2,880.00 | USD $435.00 | USD $127.32 | USD $361.16 |
| **Adjustments** | | | | | | |
| Region (100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $13.22) | (USD $3.70) | (USD $0.93) | (USD $0.14) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $41,141.78** | **USD $11,521.30** | **USD $2,879.07** | **USD $434.86** | **USD $127.32** | **USD $361.08** |

### Non-Active Use Rates

| | **Hourly** |
|---|---|
| Standby Rate | USD $128.57 |
| Idling Rate | USD $274.67 |

### Rate Element Allocation

| **Element** | **Percentage** | **Value** |
|---|---|---|
| Depreciation (ownership) | 30% | USD $12,346.50/mo |
| Overhaul (ownership) | 45% | USD $18,519.75/mo |
| CFC (ownership) | 15% | USD $6,173.25/mo |
| Indirect (ownership) | 10% | USD $4,115.50/mo |
| Fuel (operating) @ USD 4.15 | 32.13% | USD $40.91/hr |

Revised Date: 1st quarter 2024

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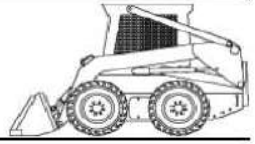
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Caterpillar 246D (disc. 2019)**
Skid Steer Loaders

Size Class:
**1,751 - 2,200 lbs**
Weight:
**N/A**



### Configuration for 246D (disc. 2019)

Operator Protection **ROPS**

Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $7,970.00 | USD $2,230.00 | USD $560.00 | USD $84.00 | USD $32.00 | USD $77.28 |
| **Adjustments** | | | | | | |
| Region (100%) | - | - | - | - | | |
| Model Year (2019: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $7,970.00** | **USD $2,230.00** | **USD $560.00** | **USD $84.00** | **USD $32.00** | **USD $77.28** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $17.66 |
| Idling Rate | USD $56.46 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 18% | USD $1,434.60/mo |
| Overhaul (ownership) | 61% | USD $4,861.70/mo |
| CFC (ownership) | 10% | USD $797.00/mo |
| Indirect (ownership) | 11% | USD $876.70/mo |
| Fuel (operating) @ USD 4.15 | 34.94% | USD $11.18/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 70 - 79 HP**
4-Wd Articulated Wheel Loaders

Size Class:
**70 - 79 hp**
Weight:
**N/A**



### Configuration for AVERAGE 70 - 79 HP

Operator Protection **EROPS** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,245.00 | USD $910.00 | USD $230.00 | USD $35.00 | USD $15.30 | USD $33.74 |
| **Adjustments** | | | | | | |
| Region (100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $1.02) | (USD $0.29) | (USD $0.07) | (USD $0.01) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $3,243.98** | **USD $909.71** | **USD $229.93** | **USD $34.99** | **USD $15.30** | **USD $33.73** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $12.53 |
| Idling Rate | USD $24.75 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 39% | USD $1,265.55/mo |
| Overhaul (ownership) | 32% | USD $1,038.40/mo |
| CPC (ownership) | 18% | USD $584.10/mo |
| Indirect (ownership) | 11% | USD $356.95/mo |
| Fuel (operating) @ USD 4.15 | 41.31% | USD $6.32/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 150 - 174 HP**
4-Wd Articulated Wheel Loaders

Size Class:
**150 - 174 hp**
Weight:
**N/A**



### Configuration for AVERAGE 150 - 174 HP

Operator Protection **EROPS** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $7,160.00 | USD $2,005.00 | USD $500.00 | USD $75.00 | USD $23.84 | USD $64.52 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $2.24) | (USD $0.63) | (USD $0.16) | (USD $0.02) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $7,157.76** | **USD $2,004.37** | **USD $499.84** | **USD $74.98** | **USD $23.84** | **USD $64.51** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $27.65 |
| Idling Rate | USD $47.22 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 39% | USD $2,792.40/mo |
| Overhaul (ownership) | 32% | USD $2,291.20/mo |
| CFC (ownership) | 18% | USD $1,288.80/mo |
| Indirect (ownership) | 11% | USD $787.60/mo |
| Fuel (operating) @ USD 4.15 | 22.47% | USD $6.55/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 225 - 249 HP**
4-Wd Articulated Wheel Loaders

Size Class:
**225 - 249 hp**
Weight:
**N/A**



### Configuration for AVERAGE 225 - 249 HP

Operator Protection **EROPS** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $11,830.00 | USD $3,315.00 | USD $830.00 | USD $125.00 | USD $45.19 | USD $112.41 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.3%) | (USD $674.31) | (USD $188.96) | (USD $47.31) | (USD $7.13) | | |
| Model Year (2023: 99.97%) | (USD $3.50) | (USD $0.98) | (USD $0.25) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $11,152.19** | **USD $3,125.07** | **USD $782.44** | **USD $117.84** | **USD $45.19** | **USD $108.55** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $31.68 |
| Idling Rate | USD $80.50 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 39% | USD $4,613.70/mo |
| Overhaul (ownership) | 32% | USD $3,785.60/mo |
| CFC (ownership) | 18% | USD $2,129.40/mo |
| Indirect (ownership) | 11% | USD $1,301.50/mo |
| Fuel (operating) @ USD 4.15 | 37.93% | USD $17.14/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 275 - 349 HP**
4-Wd Articulated Wheel Loaders

Size Class:
**275 - 349 hp**
Weight:
**N/A**



### Configuration for AVERAGE 275 - 349 HP

Operator Protection **EROPS** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $16,595.00 | USD $4,645.00 | USD $1,160.00 | USD $175.00 | USD $65.00 | USD $159.29 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $5.20) | (USD $1.46) | (USD $0.36) | (USD $0.05) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $16,589.80** | **USD $4,643.54** | **USD $1,159.64** | **USD $174.95** | **USD $65.00** | **USD $159.26** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $64.10 |
| Idling Rate | USD $115.81 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 39% | USD $6,472.05/mo |
| Overhaul (ownership) | 32% | USD $5,310.40/mo |
| CFC (ownership) | 18% | USD $2,987.10/mo |
| Indirect (ownership) | 11% | USD $1,825.45/mo |
| Fuel (operating) @ USD 4.15 | 33.15% | USD $21.55/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 275 - 349 HP**
4-Wd Articulated Wheel Loaders

Size Class:
**275 - 349 hp**
Weight:
**N/A**



### Configuration for AVERAGE 275 - 349 HP

Operator Protection **EROPS** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $16,596.00 | USD $4,645.00 | USD $1,160.00 | USD $175.00 | USD $65.00 | USD $159.26 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $5.20) | (USD $1.46) | (USD $0.36) | (USD $0.05) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $16,589.80** | **USD $4,643.54** | **USD $1,159.64** | **USD $174.95** | **USD $65.00** | **USD $159.26** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $64.10 |
| Idling Rate | USD $115.81 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 39% | USD $6,472.05/mo |
| Overhaul (ownership) | 32% | USD $5,310.40/mo |
| CFC (ownership) | 18% | USD $2,987.10/mo |
| Indirect (ownership) | 11% | USD $1,825.45/mo |
| Fuel (operating) @ USD 4.15 | 33.15% | USD $21.55/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 350 - 499 HP**
4-Wd Articulated Wheel Loaders

Size Class:
**350 - 499 hp**
Weight:
**N/A**



### Configuration for AVERAGE 350 - 499 HP

| | | | |
|---|---|---|---|
| Operator Protection | **EROPS** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $24,250.00 | USD $6,790.00 | USD $1,700.00 | USD $255.00 | USD $88.37 | USD $226.15 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $7.60) | (USD $2.13) | (USD $0.53) | (USD $0.08) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $24,242.40** | **USD $6,787.87** | **USD $1,699.47** | **USD $254.92** | **USD $88.37** | **USD $226.11** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $93.66 |
| Idling Rate | USD $170.16 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 39% | USD $9,457.50/mo |
| Overhaul (ownership) | 32% | USD $7,760.00/mo |
| CFC (ownership) | 18% | USD $4,365.00/mo |
| Indirect (ownership) | 11% | USD $2,667.50/mo |
| Fuel (operating) @ USD 4.15 | 36.69% | USD $32.42/hr |

Revised Date: 1st quarter 2024

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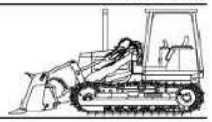
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 60 - 74 HP**
Standard Crawler Loaders

Size Class:
**60 - 74 hp**
Weight:
**N/A**



### Configuration for AVERAGE 60 - 74 HP

| | | | |
|---|---|---|---|
| Bucket Capacity | **1.2 cu yd** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $6,680.00 | USD $1,670.00 | USD $470.00 | USD $71.00 | USD $27.78 | USD $65.73 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.7%) | (USD $287.24) | (USD $80.41) | (USD $20.21) | (USD $3.05) | | |
| Model Year (2023: 89.97%) | (USD $9.95) | (USD $0.55) | (USD $0.14) | (USD $0.02) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $6,390.81** | **USD $1,789.04** | **USD $449.65** | **USD $67.93** | **USD $27.78** | **USD $64.09** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $15.61 |
| Idling Rate | USD $43.76 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 24% | USD $1,603.20/mo |
| Overhaul (ownership) | 57% | USD $3,807.60/mo |
| CFC (ownership) | 12% | USD $801.60/mo |
| Indirect (ownership) | 7% | USD $467.60/mo |
| Fuel (operating) @ USD 4.15 | 26.80% | USD $7.47/hr |

Revised Date: 1st quarter 2024

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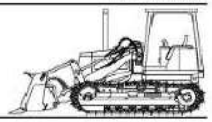
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 60 - 74 HP**
Standard Crawler Loaders

Size Class:
**60 - 74 hp**
Weight:
**N/A**



### Configuration for AVERAGE 60 - 74 HP

| | | | |
|---|---|---|---|
| Bucket Capacity | **1.2 cu yd** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $9,680.00 | USD $1,970.00 | USD $470.00 | USD $71.00 | USD $27.78 | USD $65.73 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.7%) | (USD $287.24) | (USD $80.41) | (USD $20.21) | (USD $3.06) | | |
| Model Year (2023: 99.97%) | (USD $1.95) | (USD $0.55) | (USD $0.14) | (USD $0.02) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | | |
| **Total:** | **USD $9,390.81** | **USD $1,789.04** | **USD $449.65** | **USD $67.93** | **USD $27.78** | **USD $64.09** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $15.61 |
| Idling Rate | USD $43.78 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 24% | USD $1,603.20/mo |
| Overhaul (ownership) | 57% | USD $3,807.60/mo |
| CPC (ownership) | 12% | USD $801.60/mo |
| Indirect (ownership) | 7% | USD $467.60/mo |
| Fuel (operating) @ USD 4.15 | 26.89% | USD $7.47/hr |

Revised Date: 1st quarter 2024

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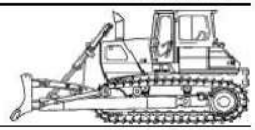
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 85 - 104 HP**
Lgp Crawler Dozers

Size Class:
**85 - 104 hp**
Weight:
**N/A**



### Configuration for AVERAGE 85 - 104 HP

| | | | |
|---|---|---|---|
| Dozer Type | **PAT** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $7,730.00 | USD $2,165.00 | USD $540.00 | USD $81.00 | USD $30.52 | USD $74.44 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $2.36) | (USD $0.66) | (USD $0.17) | (USD $0.02) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $7,727.64** | **USD $2,164.34** | **USD $539.83** | **USD $80.98** | **USD $30.52** | **USD $74.43** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $21.95 |
| Idling Rate | USD $53.14 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $2,164.40/mo |
| Overhaul (ownership) | 50% | USD $3,865.00/mo |
| CFC (ownership) | 13% | USD $1,004.90/mo |
| Indirect (ownership) | 9% | USD $695.70/mo |
| Fuel (operating) @ USD 4.15 | 30.24% | USD $9.23/hr |

Revised Date: 1st quarter 2024

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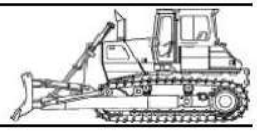
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 130 - 159 HP**
Lgp Crawler Dozers

Size Class:
**130 - 159 hp**
Weight:
**N/A**



### Configuration for AVERAGE 130 - 159 HP

| | | | |
|---|---|---|---|
| Dozer Type | **Straight** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $12,590.00 | USD $3,525.00 | USD $880.00 | USD $135.00 | USD $31.28 | USD $102.81 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $3.85) | (USD $1.08) | (USD $0.27) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | | |
| **Total:** | **USD $12,586.15** | **USD $3,523.92** | **USD $879.73** | **USD $134.96** | **USD $31.28** | **USD $102.79** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $35.76 |
| Idling Rate | USD $71.51 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $3,525.20/mo |
| Overhaul (ownership) | 50% | USD $6,295.00/mo |
| CFC (ownership) | 13% | USD $1,636.70/mo |
| Indirect (ownership) | 9% | USD $1,133.10/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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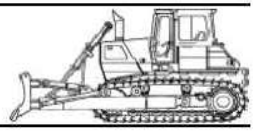
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 105 - 129 HP**
Lgp Crawler Dozers

Size Class:
**105 - 129 hp**
Weight:
**N/A**



### Configuration for AVERAGE 105 - 129 HP

| | | | |
|---|---|---|---|
| Dozer Type | **PAT** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $9,915.00 | USD $2,775.00 | USD $695.00 | USD $105.00 | USD $38.75 | USD $95.09 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $3.03) | (USD $0.85) | (USD $0.21) | (USD $0.03) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $9,911.97** | **USD $2,774.15** | **USD $694.79** | **USD $104.97** | **USD $38.75** | **USD $95.07** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $28.16 |
| Idling Rate | USD $69.21 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $2,776.20/mo |
| Overhaul (ownership) | 50% | USD $4,957.50/mo |
| CFC (ownership) | 13% | USD $1,288.95/mo |
| Indirect (ownership) | 9% | USD $892.35/mo |
| Fuel (operating) @ USD 4.15 | 33.26% | USD $12.89/hr |

Revised Date: 1st quarter 2024

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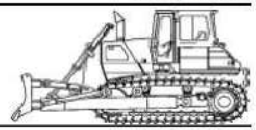
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 190 - 259 HP**
Standard Crawler Dozers

Size Class:
**190 - 259 hp**
Weight:
**N/A**



### Configuration for AVERAGE 190 - 259 HP

| | | | |
|---|---|---|---|
| Dozer Type | **Semi-U** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $16,135.00 | USD $4,520.00 | USD $1,130.00 | USD $170.00 | USD $68.95 | USD $160.63 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $4.93) | (USD $1.38) | (USD $0.35) | (USD $0.05) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $16,130.07** | **USD $4,518.62** | **USD $1,129.65** | **USD $169.95** | **USD $68.95** | **USD $160.60** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $47.66 |
| Idling Rate | USD $120.49 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $4,840.50/mo |
| Overhaul (ownership) | 48% | USD $7,744.80/mo |
| CFC (ownership) | 13% | USD $2,097.55/mo |
| Indirect (ownership) | 9% | USD $1,452.15/mo |
| Fuel (operating) @ USD 4.15 | 41.83% | USD $28.84/hr |

Revised Date: 1st quarter 2024

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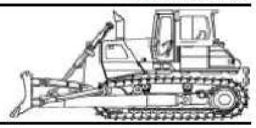
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 260 - 359 HP**
Standard Crawler Dozers

Size Class:
**260 - 359 hp**
Weight:
**N/A**



### Configuration for AVERAGE 260 - 359 HP

| | | | |
|---|---|---|---|
| Dozer Type | **Semi-U** | Operator Protection | **EROPS** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $28,445.00 | USD $7,965.00 | USD $1,990.00 | USD $300.00 | USD $110.19 | USD $271.81 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $8.69) | (USD $2.43) | (USD $0.61) | (USD $0.09) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $28,436.31** | **USD $7,962.57** | **USD $1,989.39** | **USD $299.91** | **USD $110.19** | **USD $271.76** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $84.02 |
| Idling Rate | USD $202.96 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $8,533.50/mo |
| Overhaul (ownership) | 48% | USD $13,653.60/mo |
| CFC (ownership) | 13% | USD $3,697.85/mo |
| Indirect (ownership) | 9% | USD $2,560.05/mo |
| Fuel (operating) @ USD 4.15 | 37.56% | USD $41.39/hr |

Revised Date: 1st quarter 2024

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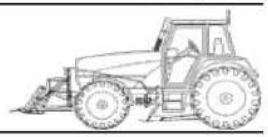
All prices shown in US Dollars (S)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 25 TO 49 HP**
Wheel Tractors

Size Class:
**25 - 49 hp**
Weight:
**N/A**



### Configuration for AVERAGE 25 TO 49 HP

| | | | |
|---|---|---|---|
| Horsepower | **43.2 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $5,030.00 | USD $1,410.00 | USD $355.00 | USD $53.00 | USD $18.79 | USD $47.37 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $1.54) | (USD $0.43) | (USD $0.11) | (USD $0.02) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $5,028.46** | **USD $1,409.57** | **USD $354.89** | **USD $52.98** | **USD $18.79** | **USD $47.36** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $17.14 |
| Idling Rate | USD $35.02 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $1,408.40/mo |
| Overhaul (ownership) | 40% | USD $2,012.00/mo |
| CFC (ownership) | 14% | USD $704.20/mo |
| Indirect (ownership) | 18% | USD $905.40/mo |
| Fuel (operating) @ USD 4.15 | 34.33% | USD $6.45/hr |

Revised Date: 1st quarter 2024

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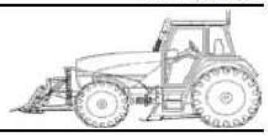
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 50 TO 74 HP**
Wheel Tractors

Size Class:
**50 - 74 hp**
Weight:
**N/A**



### Configuration for AVERAGE 50 TO 74 HP

Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $10,345.00 | USD $2,895.00 | USD $725.00 | USD $110.00 | USD $21.08 | USD $79.86 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $3.16) | (USD $0.88) | (USD $0.22) | (USD $0.03) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $10,341.84** | **USD $2,894.12** | **USD $724.78** | **USD $109.97** | **USD $21.08** | **USD $79.84** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $35.26 |
| Idling Rate | USD $58.76 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 28% | USD $2,896.60/mo |
| Overhaul (ownership) | 40% | USD $4,138.00/mo |
| CFC (ownership) | 14% | USD $1,448.30/mo |
| Indirect (ownership) | 18% | USD $1,862.10/mo |

Fuel cost data is not available for these rates.

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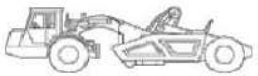
All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE UNDER 12CY**
Single Engine Elevating Scrapers

Size Class:
**To 11 cu yd**
Weight:
**N/A**



### Configuration for AVERAGE UNDER 12CY

| | | | |
|---|---|---|---|
| Operator Protection | **EROPS** | Power Mode | **Diesel** |
| Scraper Capacity | **11.0 cu yd** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $25,375.00 | USD $7,105.00 | USD $1,775.00 | USD $265.00 | USD $90.69 | USD $234.87 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.2%) | (USD $1,218.00) | (USD $341.04) | (USD $85.20) | (USD $12.72) | | |
| Model Year (2023: 99.97%) | (USD $7.38) | (USD $2.07) | (USD $0.52) | (USD $0.08) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $24,149.62** | **USD $6,761.89** | **USD $1,689.23** | **USD $252.20** | **USD $90.69** | **USD $227.90** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $68.61 |
| Idling Rate | USD $156.95 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 19% | USD $4,821.25/mo |
| Overhaul (ownership) | 56% | USD $14,210.00/mo |
| CFC (ownership) | 14% | USD $3,552.50/mo |
| Indirect (ownership) | 11% | USD $2,701.25/mo |
| Fuel (operating) @ USD 4.15 | 21.77% | USD $19.74/hr |

Revised Date: 1st quarter 2024

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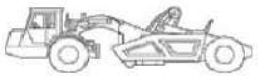
All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE UNDER 12CY**
Single Engine Elevating Scrapers

Size Class:
**To 11 cu yd**
Weight:
**N/A**



### Configuration for AVERAGE UNDER 12CY

| | | | |
|---|---|---|---|
| Operator Protection | **EROPS** | Power Mode | **Diesel** |
| Scraper Capacity | **11.0 cu yd** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $25,375.00 | USD $7,105.00 | USD $1,775.00 | USD $265.00 | USD $90.69 | USD $234.87 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.2%) | (USD $1,218.00) | (USD $341.04) | (USD $85.20) | (USD $12.72) | | |
| Model Year (2023: 99.97%) | (USD $7.38) | (USD $2.07) | (USD $0.52) | (USD $0.08) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $24,149.62** | **USD $6,761.89** | **USD $1,689.23** | **USD $252.20** | **USD $90.69** | **USD $227.90** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $68.61 |
| Idling Rate | USD $156.95 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 19% | USD $4,821.25/mo |
| Overhaul (ownership) | 56% | USD $14,210.00/mo |
| CFC (ownership) | 14% | USD $3,552.50/mo |
| Indirect (ownership) | 11% | USD $2,701.25/mo |
| Fuel (operating) @ USD 4.15 | 21.77% | USD $19.74/hr |

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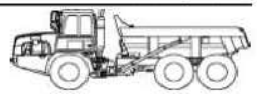
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE TO 19 MTONS**
Articulated Rear Dumps

Size Class:
**To 19.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE TO 19 MTONS

| | | | |
|---|---|---|---|
| Axle Configuration | **4 X 4** | Body Capacity | **12.5 cu yd** |
| Horsepower | **160.7 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $14,625.00 | USD $4,095.00 | USD $1,025.00 | USD $155.00 | USD $44.82 | USD $127.92 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.9%) | (USD $14.51) | (USD $4.06) | (USD $1.02) | (USD $0.15) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $14,610.49** | **USD $4,090.94** | **USD $1,023.98** | **USD $154.85** | **USD $44.82** | **USD $127.83** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $48.15 |
| Idling Rate | USD $96.34 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $4,972.50/mo |
| Overhaul (ownership) | 42% | USD $6,142.50/mo |
| CFC (ownership) | 14% | USD $2,047.50/mo |
| Indirect (ownership) | 10% | USD $1,462.50/mo |
| Fuel (operating) @ USD 4.15 | 29.74% | USD $13.33/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 20 - 25 MTONS**
Articulated Rear Dumps

Size Class:
**19.5 - 25.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 20 - 25 MTONS

| | | | |
|---|---|---|---|
| Axle Configuration | **6 X 6** | Power Mode | **Diesel** |
| Rated Payload | **23.4 mt** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $25,150.00 | USD $7,045.00 | USD $1,760.00 | USD $265.00 | USD $71.05 | USD $213.95 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.9%) | (USD $24.95) | (USD $6.99) | (USD $1.75) | (USD $0.26) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $25,125.05** | **USD $7,038.01** | **USD $1,758.25** | **USD $264.74** | **USD $71.05** | **USD $213.81** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $82.80 |
| Idling Rate | USD $163.96 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $8,551.00/mo |
| Overhaul (ownership) | 42% | USD $10,563.00/mo |
| CFC (ownership) | 14% | USD $3,521.00/mo |
| Indirect (ownership) | 10% | USD $2,515.00/mo |
| Fuel (operating) @ USD 4.15 | 20.84% | USD $21.20/hr |

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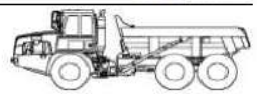
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 30 - 34 MTONS**
Articulated Rear Dumps

Size Class:
**29.5 - 34.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 30 - 34 MTONS

| | | | |
|---|---|---|---|
| Axle Configuration | **6 X 6** | Power Mode | **Diesel** |
| Rated Payload | **30.5 mt** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $26,220.00 | USD $7,340.00 | USD $1,835.00 | USD $275.00 | USD $49.91 | USD $198.89 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.9%) | (USD $26.01) | (USD $7.28) | (USD $1.82) | (USD $0.27) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $26,193.99** | **USD $7,332.72** | **USD $1,833.18** | **USD $274.73** | **USD $49.91** | **USD $198.74** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $86.32 |
| Idling Rate | USD $148.53 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $8,914.80/mo |
| Overhaul (ownership) | 42% | USD $11,012.40/mo |
| CFC (ownership) | 14% | USD $3,670.80/mo |
| Indirect (ownership) | 10% | USD $2,622.00/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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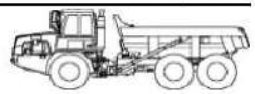
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 30 - 34 MTONS**
Articulated Rear Dumps

Size Class:
**29.5 - 34.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 30 - 34 MTONS

| | | | |
|---|---|---|---|
| Axle Configuration | **6 X 6** | Power Mode | **Diesel** |
| Rated Payload | **30.5 mt** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $26,220.00 | USD $7,340.00 | USD $1,835.00 | USD $275.00 | USD $49.91 | USD $198.89 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.9%) | (USD $26.01) | (USD $7.28) | (USD $1.82) | (USD $0.27) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $26,193.99** | **USD $7,332.72** | **USD $1,833.18** | **USD $274.73** | **USD $49.91** | **USD $198.74** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $86.32 |
| Idling Rate | USD $148.83 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $8,914.80/mo |
| Overhaul (ownership) | 42% | USD $11,012.40/mo |
| CFC (ownership) | 14% | USD $3,670.80/mo |
| Indirect (ownership) | 10% | USD $2,622.00/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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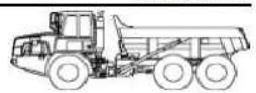
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 35 MTONS & OVER**
Articulated Rear Dumps

Size Class:
**34.5 mt & Over**
Weight:
**N/A**



### Configuration for AVERAGE 35 MTONS & OVER

| | | | |
|---|---|---|---|
| Axle Configuration | **6 X 6** | Power Mode | **Diesel** |
| Rated Payload | **33.8 mt** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $24,945.00 | USD $6,985.00 | USD $1,745.00 | USD $260.00 | USD $85.47 | USD $227.20 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 95.9%) | (USD $24.75) | (USD $6.93) | (USD $1.73) | (USD $0.26) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $24,920.25** | **USD $6,978.07** | **USD $1,743.27** | **USD $259.74** | **USD $85.47** | **USD $227.06** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $62.12 |
| Idling Rate | USD $175.27 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $8,481.30/mo |
| Overhaul (ownership) | 42% | USD $10,476.90/mo |
| CFC (ownership) | 14% | USD $3,492.30/mo |
| Indirect (ownership) | 10% | USD $2,494.50/mo |
| Fuel (operating) @ USD 4.15 | 39.41% | USD $33.68/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 501 HP & OVER**
Reclaimers/Stabilizers

Size Class:
**501 hp & Over**
Weight:
**N/A**



### Configuration for AVERAGE 501 HP & OVER

| | | | |
|---|---|---|---|
| Cutting Width | **100.1 in** | Mixing Depth | **18.6 in** |
| Power Mode | **Diesel** | Rotor Diameter | **54.7 in** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $85,650.00 | USD $23,985.00 | USD $5,995.00 | USD $900.00 | USD $255.35 | USD $742.00 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.93%) | (USD $62.85) | (USD $17.60) | (USD $4.40) | (USD $0.66) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $85,587.15** | **USD $23,967.40** | **USD $5,990.60** | **USD $899.34** | **USD $255.35** | **USD $741.64** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $291.77 |
| Idling Rate | USD $580.85 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $25,695.00/mo |
| Overhaul (ownership) | 40% | USD $34,260.00/mo |
| CFC (ownership) | 15% | USD $12,847.50/mo |
| Indirect (ownership) | 15% | USD $12,847.50/mo |
| Fuel (operating) @ USD 4.15 | 37.03% | USD $94.56/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE TO 400 HP**
Reclaimers/Stabilizers

Size Class:
**To 400 hp**
Weight:
**N/A**

### Configuration for AVERAGE TO 400 HP

| | | | |
|---|---|---|---|
| Cutting Width | **84.5 in** | Mixing Depth | **14.2 in** |
| Power Mode | **Diesel** | Rotor Diameter | **46.6 in** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $58,385.00 | USD $16,350.00 | USD $4,090.00 | USD $615.00 | USD $152.16 | USD $483.89 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.93%) | (USD $42.84) | (USD $12.00) | (USD $3.00) | (USD $0.45) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $58,342.16** | **USD $16,338.00** | **USD $4,087.00** | **USD $614.55** | **USD $152.16** | **USD $483.65** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $108.89 |
| Idling Rate | USD $379.10 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $17,515.50/mo |
| Overhaul (ownership) | 40% | USD $23,354.00/mo |
| CFC (ownership) | 15% | USD $8,757.75/mo |
| Indirect (ownership) | 15% | USD $8,757.75/mo |
| Fuel (operating) @ USD 4.15 | 31.29% | USD $47.61/hr |

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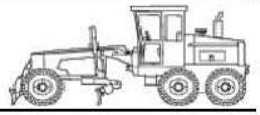
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 145 - 169 HP**
Articulated Frame Graders

Size Class:
**145 - 169 hp**
Weight:
**N/A**



### Configuration for AVERAGE 145 - 169 HP

Operator Protection **EROPS** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $14,540.00 | USD $4,070.00 | USD $1,020.00 | USD $155.00 | USD $60.54 | USD $143.15 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $4.44) | (USD $1.24) | (USD $0.31) | (USD $0.05) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $14,535.56** | **USD $4,068.76** | **USD $1,019.69** | **USD $154.95** | **USD $60.54** | **USD $143.13** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $43.77 |
| Idling Rate | USD $107.64 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $3,198.80/mo |
| Overhaul (ownership) | 47% | USD $6,833.80/mo |
| CFC (ownership) | 17% | USD $2,471.80/mo |
| Indirect (ownership) | 14% | USD $2,035.00/mo |
| Fuel (operating) @ USD 4.15 | 41.38% | USD $25.05/hr |

Revised Date: 1st quarter 2024

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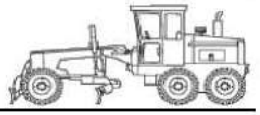
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 200 - 249 HP**
Articulated Frame Graders

Size Class:
**200 - 249 hp**
Weight:
**N/A**



### Configuration for AVERAGE 200 - 249 HP

| | | | |
|---|---|---|---|
| Operator Protection | **EROPS** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $22,555.00 | USD $6,315.00 | USD $1,580.00 | USD $240.00 | USD $83.41 | USD $211.56 |
| **Adjustments** | | | | | | |
| Region ( 100%) | - | - | - | - | | |
| Model Year (2023: 99.97%) | (USD $6.89) | (USD $1.93) | (USD $0.48) | (USD $0.07) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $22,548.11** | **USD $6,313.07** | **USD $1,579.52** | **USD $239.93** | **USD $83.41** | **USD $211.52** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $67.90 |
| Idling Rate | USD $155.76 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $4,962.10/mo |
| Overhaul (ownership) | 47% | USD $10,600.65/mo |
| CFC (ownership) | 17% | USD $3,834.35/mo |
| Indirect (ownership) | 14% | USD $3,157.70/mo |
| Fuel (operating) @ USD 4.15 | 33.15% | USD $27.65/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE TO 15,000 LBS**
Road Wideners

Size Class:
**To 15,000 lbs**
Weight:
**N/A**

### Configuration for AVERAGE TO 15,000 LBS

| | | | |
|---|---|---|---|
| Horsepower | **46.5 hp** | Power Mode | **Diesel** |
| Working Width | **1.0 6.0 ft** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $17,650.00 | USD $4,945.00 | USD $1,235.00 | USD $185.00 | USD $47.14 | USD $147.42 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.2%) | (USD $670.70) | (USD $187.91) | (USD $46.93) | (USD $7.03) | | |
| Model Year (2023: 99.96%) | (USD $6.23) | (USD $1.75) | (USD $0.44) | (USD $0.07) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | | |
| **Total:** | **USD $16,973.07** | **USD $4,755.34** | **USD $1,187.63** | **USD $177.90** | **USD $47.14** | **USD $143.58** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $48.22 |
| Idling Rate | USD $103.57 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 25% | USD $4,412.50/mo |
| Overhaul (ownership) | 50% | USD $8,825.00/mo |
| CFC (ownership) | 12% | USD $2,118.00/mo |
| Indirect (ownership) | 13% | USD $2,294.50/mo |
| Fuel (operating) @ USD 4.15 | 15.13% | USD $7.13/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Sakai R2H-2**
3-Wheel Compactors

Size Class:
**8.5 mt & Over**
Weight:
**31342 lbs**



### Configuration for R2H-2

| | | | |
|---|---|---|---|
| Horsepower | **75.0** | Power Mode | **Diesel** |
| Transmission | **Hydrostatic** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $15,180.00 | USD $4,250.00 | USD $1,065.00 | USD $160.00 | USD $21.02 | USD $107.27 |
| **Adjustments** | | | | | | |
| Region ( Florida: 93.7%) | (USD $956.34) | (USD $267.75) | (USD $67.10) | (USD $10.08) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $14,223.66** | **USD $3,982.25** | **USD $997.91** | **USD $149.92** | **USD $21.02** | **USD $101.84** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $55.76 |
| Idling Rate | USD $88.75 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 41% | USD $6,223.90/mo |
| Overhaul (ownership) | 31% | USD $4,705.80/mo |
| CFC (ownership) | 14% | USD $2,125.20/mo |
| Indirect (ownership) | 14% | USD $2,125.20/mo |
| Fuel (operating) @ USD 4.15 | 37.73% | USD $7.93/hr |

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 7.0 - 9.9 MTONS**
Tandem Static Compactors

Size Class:
**6.5 - 9.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 7.0 - 9.9 MTONS

| | | | |
|---|---|---|---|
| Capacity | **5.0 8.0 mt** | Power Mode | **Diesel** |
| Transmission | **Hydrostatic** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $7,140.00 | USD $2,000.00 | USD $500.00 | USD $75.00 | USD $26.40 | USD $66.97 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.9%) | (USD $364.14) | (USD $102.00) | (USD $25.50) | (USD $3.83) | | |
| Model Year (2023: 99.97%) | (USD $2.19) | (USD $0.61) | (USD $0.15) | (USD $0.02) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $6,773.67** | **USD $1,897.39** | **USD $474.35** | **USD $71.15** | **USD $26.40** | **USD $64.89** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $18.86 |
| Idling Rate | USD $50.50 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 23% | USD $1,642.20/mo |
| Overhaul (ownership) | 51% | USD $3,641.40/mo |
| CFC (ownership) | 13% | USD $928.20/mo |
| Indirect (ownership) | 13% | USD $928.20/mo |
| Fuel (operating) @ USD 4.15 | 45.49% | USD $12.01/hr |

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 10.0 MTONS & OVER**
Tandem Static Compactors

Size Class:
**9.5 mt & Over**
Weight:
**N/A**



### Configuration for AVERAGE 10.0 MTONS & OVER

| | | | |
|---|---|---|---|
| Capacity | **10.0 14.0 mt** | Power Mode | **Diesel** |
| Transmission | **Hydrostatic** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $10,650.00 | USD $2,985.00 | USD $745.00 | USD $110.00 | USD $32.17 | USD $92.68 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.9%) | (USD $543.15) | (USD $152.24) | (USD $37.99) | (USD $5.61) | | |
| Model Year (2023: 99.97%) | (USD $3.27) | (USD $0.92) | (USD $0.23) | (USD $0.03) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $10,103.58** | **USD $2,831.85** | **USD $706.78** | **USD $104.36** | **USD $32.17** | **USD $89.58** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $28.13 |
| Idling Rate | USD $69.62 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 23% | USD $2,449.50/mo |
| Overhaul (ownership) | 51% | USD $5,431.50/mo |
| CFC (ownership) | 13% | USD $1,384.50/mo |
| Indirect (ownership) | 13% | USD $1,384.50/mo |
| Fuel (operating) @ USD 4.15 | 37.95% | USD $12.21/hr |

Revised Date: 1st quarter 2024

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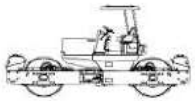
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 3.0 - 4.9 MTONS**
Tandem Vibratory Compactors

Size Class:
**3.5 - 5.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 3.0 - 4.9 MTONS

| | | | |
|---|---|---|---|
| Drum Width | **50.3 in** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $12,535.00 | USD $3,510.00 | USD $880.00 | USD $135.00 | USD $29.89 | USD $101.11 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.2%) | (USD $601.68) | (USD $168.48) | (USD $42.24) | (USD $6.48) | | |
| Model Year (2023: 99.97%) | (USD $3.86) | (USD $1.08) | (USD $0.27) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $11,929.46** | **USD $3,340.44** | **USD $837.49** | **USD $128.48** | **USD $29.89** | **USD $97.67** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $32.53 |
| Idling Rate | USD $72.01 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 25% | USD $3,133.75/mo |
| Overhaul (ownership) | 52% | USD $6,518.20/mo |
| CFC (ownership) | 12% | USD $1,504.20/mo |
| Indirect (ownership) | 11% | USD $1,378.85/mo |
| Fuel (operating) @ USD 4.15 | 14.15% | USD $4.23/hr |

Revised Date: 1st quarter 2024

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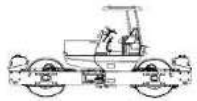
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 5.0 - 7.9 MTONS**
Tandem Vibratory Compactors

Size Class:
**5.5 - 7.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 5.0 - 7.9 MTONS

| | | | |
|---|---|---|---|
| Drum Width | **58.8 in** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $38,880.00 | USD $10,885.00 | USD $2,720.00 | USD $410.00 | USD $70.45 | USD $291.36 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.2%) | (USD $1,866.24) | (USD $522.48) | (USD $130.56) | (USD $19.68) | | |
| Model Year (2023: 99.97%) | (USD $11.96) | (USD $3.35) | (USD $0.84) | (USD $0.13) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $37,001.80** | **USD $10,359.17** | **USD $2,588.60** | **USD $390.19** | **USD $70.45** | **USD $280.69** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $100.91 |
| Idling Rate | USD $214.47 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 25% | USD $9,720.00/mo |
| Overhaul (ownership) | 52% | USD $20,217.60/mo |
| CFC (ownership) | 12% | USD $4,665.60/mo |
| Indirect (ownership) | 11% | USD $4,276.80/mo |
| Fuel (operating) @ USD 4.15 | 6% | USD $4.23/hr |

Revised Date: 1st quarter 2024

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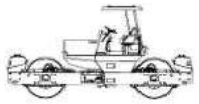
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 8.0 - 11.2 MTONS**
Tandem Vibratory Compactors

Size Class:
**7.5 - 11.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 8.0 - 11.2 MTONS

Drum Width **67.6 in** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $29,050.00 | USD $8,135.00 | USD $2,035.00 | USD $305.00 | USD $70.34 | USD $235.40 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.2%) | (USD $1,394.40) | (USD $390.48) | (USD $97.68) | (USD $14.64) | | |
| Model Year (2023: 99.97%) | (USD $8.93) | (USD $2.50) | (USD $0.63) | (USD $0.09) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $27,646.66** | **USD $7,742.02** | **USD $1,936.69** | **USD $290.27** | **USD $70.34** | **USD $227.42** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $75.40 |
| Idling Rate | USD $108.11 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 25% | USD $7,262.50/mo |
| Overhaul (ownership) | 52% | USD $15,106.00/mo |
| CFC (ownership) | 12% | USD $3,486.00/mo |
| Indirect (ownership) | 11% | USD $3,195.50/mo |
| Fuel (operating) @ USD 4.15 | 15.68% | USD $11.03/hr |

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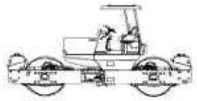
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 11.3 MTONS & OVER**
Tandem Vibratory Compactors

Size Class:
**11.5 mt & Over**
Weight:
**N/A**



### Configuration for AVERAGE 11.3 MTONS & OVER

| | | | |
|---|---|---|---|
| Drum Width | **81.8 in** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $30,200.00 | USD $8,455.00 | USD $2,115.00 | USD $320.00 | USD $73.76 | USD $245.35 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.2%) | (USD $1,449.60) | (USD $405.84) | (USD $101.52) | (USD $15.36) | | |
| Model Year (2023: 99.97%) | (USD $9.29) | (USD $2.60) | (USD $0.65) | (USD $0.10) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $28,741.11** | **USD $8,046.56** | **USD $2,012.83** | **USD $304.54** | **USD $73.76** | **USD $237.06** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $78.38 |
| Idling Rate | USD $177.69 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 25% | USD $7,550.00/mo |
| Overhaul (ownership) | 52% | USD $15,704.00/mo |
| CFC (ownership) | 12% | USD $3,624.00/mo |
| Indirect (ownership) | 11% | USD $3,322.00/mo |
| Fuel (operating) @ USD 4.15 | 19.51% | USD $14.39/hr |

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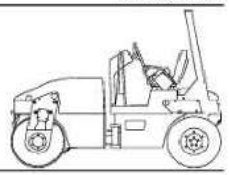
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 3.0 - 4.9 MTONS**
Combination Rollers

Size Class:
**3.5 - 5.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 3.0 - 4.9 MTONS

| | | | |
|---|---|---|---|
| Drum Width | **50.7 in** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $13,870.00 | USD $3,885.00 | USD $970.00 | USD $145.00 | USD $55.32 | USD $134.13 |
| **Adjustments** | | | | | | |
| Region ( Florida: 93.1%) | (USD $957.03) | (USD $268.07) | (USD $66.93) | (USD $10.01) | | |
| Model Year (2023: 99.97%) | (USD $4.17) | (USD $1.17) | (USD $0.29) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $12,908.80** | **USD $3,615.77** | **USD $902.78** | **USD $134.95** | **USD $55.32** | **USD $128.67** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $52.81 |
| Idling Rate | USD $77.34 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 32% | USD $4,438.40/mo |
| Overhaul (ownership) | 28% | USD $3,883.60/mo |
| CFC (ownership) | 20% | USD $2,774.00/mo |
| Indirect (ownership) | 20% | USD $2,774.00/mo |
| Fuel (operating) @ USD 4.15 | 7.21% | USD $3.99/hr |

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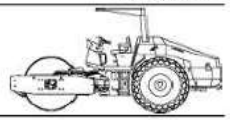
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 3.0 - 4.9 MTONS**
Single Drum Vibratory Compactors

Size Class:
**2.5 - 4.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 3.0 - 4.9 MTONS

| | | | |
|---|---|---|---|
| Drum Type | **Padfoot** | Drum Width | **52.0 in** |
| Horsepower | **59.1 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $13,195.00 | USD $3,695.00 | USD $925.00 | USD $140.00 | USD $60.33 | USD $135.30 |
| **Adjustments** | | | | | | |
| Region ( Florida: 93.2%) | (USD $897.26) | (USD $251.26) | (USD $62.90) | (USD $9.52) | | |
| Model Year (2023: 99.97%) | (USD $3.97) | (USD $1.11) | (USD $0.28) | (USD $0.04) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $12,293.77** | **USD $3,442.63** | **USD $861.82** | **USD $130.44** | **USD $60.33** | **USD $130.18** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $34.93 |
| Idling Rate | USD $77.02 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $4,618.25/mo |
| Overhaul (ownership) | 30% | USD $3,958.50/mo |
| CFC (ownership) | 20% | USD $2,639.00/mo |
| Indirect (ownership) | 15% | USD $1,979.25/mo |
| Fuel (operating) @ USD 4.15 | 11.88% | USD $7.17/hr |

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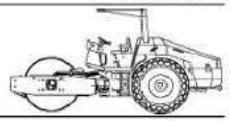
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 8.0 - 11.9 MTONS**
Single Drum Vibratory Compactors

Size Class:
**7.5 - 11.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 8.0 - 11.9 MTONS

| | | | |
|---|---|---|---|
| Drum Type | **Padfoot** | Drum Width | **61.6 in** |
| Horsepower | **122.3 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $15,370.00 | USD $4,305.00 | USD $1,075.00 | USD $160.00 | USD $76.06 | USD $163.39 |
| **Adjustments** | | | | | | |
| Region ( Florida: 93.2%) | (USD $1,045.16) | (USD $292.74) | (USD $73.10) | (USD $10.88) | | |
| Model Year (2023: 99.97%) | (USD $4.63) | (USD $1.30) | (USD $0.32) | (USD $0.05) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $14,320.21** | **USD $4,010.96** | **USD $1,001.58** | **USD $149.07** | **USD $76.06** | **USD $157.42** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $56.96 |
| Idling Rate | USD $93.89 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $5,379.50/mo |
| Overhaul (ownership) | 30% | USD $4,611.00/mo |
| CFC (ownership) | 20% | USD $3,074.00/mo |
| Indirect (ownership) | 15% | USD $2,305.50/mo |
| Fuel (operating) @ USD 4.15 | 16.47% | USD $12.53/hr |

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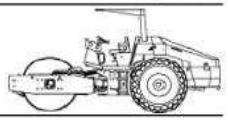
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 12.0 - 14.9 MTONS**
Single Drum Vibratory Compactors

Size Class:
**11.5 - 14.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 12.0 - 14.9 MTONS

| | | | |
|---|---|---|---|
| Drum Type | **Padfoot** | Drum Width | **83.6 in** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $19,135.00 | USD $5,360.00 | USD $1,340.00 | USD $200.00 | USD $89.21 | USD $197.93 |
| **Adjustments** | | | | | | |
| Region ( Florida: 93.2%) | (USD $1,301.18) | (USD $364.48) | (USD $91.12) | (USD $13.60) | | |
| Model Year (2023: 99.97%) | (USD $5.76) | (USD $1.61) | (USD $0.40) | (USD $0.06) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $17,828.06** | **USD $4,993.91** | **USD $1,248.48** | **USD $186.34** | **USD $89.21** | **USD $190.51** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $70.91 |
| Idling Rate | USD $116.70 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $6,697.25/mo |
| Overhaul (ownership) | 30% | USD $5,740.50/mo |
| CFC (ownership) | 20% | USD $3,827.00/mo |
| Indirect (ownership) | 15% | USD $2,870.25/mo |
| Fuel (operating) @ USD 4.15 | 17.26% | USD $15.40/hr |

Revised Date: 1st quarter 2024

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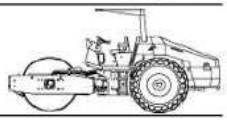
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 12.0 - 14.9 MTONS**
Single Drum Vibratory Compactors

Size Class:
**11.5 - 14.4 mt**
Weight:
**N/A**



### Configuration for AVERAGE 12.0 - 14.9 MTONS

| | | | |
|---|---|---|---|
| Drum Type | **Padfoot** | Drum Width | **83.6 in** |
| Power Mode | **Diesel** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $19,135.00 | USD $5,360.00 | USD $1,340.00 | USD $200.00 | USD $89.21 | USD $197.93 |
| **Adjustments** | | | | | | |
| Region ( Florida: 93.2%) | (USD $1,301.18) | (USD $364.48) | (USD $91.12) | (USD $13.60) | | |
| Model Year (2023: 99.97%) | (USD $5.76) | (USD $1.61) | (USD $0.40) | (USD $0.06) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $17,828.06** | **USD $4,993.91** | **USD $1,248.48** | **USD $186.34** | **USD $89.21** | **USD $190.51** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $70.91 |
| Idling Rate | USD $116.70 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 35% | USD $6,697.25/mo |
| Overhaul (ownership) | 30% | USD $5,740.50/mo |
| CFC (ownership) | 20% | USD $3,827.00/mo |
| Indirect (ownership) | 15% | USD $2,870.25/mo |
| Fuel (operating) @ USD 4.15 | 17.26% | USD $15.40/hr |

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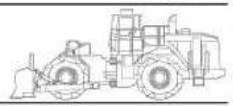
All prices shown in US Dollars ($)

## Custom Cost Evaluator

January 26, 2024

**Average AVERAGE 300 - 399 HP**
Self Propelled Pad Foot Compactors

Size Class:
**300 - 399 hp**
Weight:
**N/A**



### Configuration for AVERAGE 300 - 399 HP

| | | | |
|---|---|---|---|
| Front Wheel Size | **32.0 75.5 in** | Power Mode | **Diesel** |
| Rear Wheel Size | **32.0 75.5 in** | Transmission | **Powershift** |

### Hourly Ownership Costs

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Depreciation | USD $86.82/hr | - | - |
| Cost of Facilities Capital (CFC) | USD $47.84/hr | - | - |
| Overhead | USD $68.53/hr | - | - |
| Overhaul Labor | USD $15.34/hr | - | - |
| Overhaul Parts | USD $100.73/hr | - | - |
| **Total Hourly Ownership Cost:** | **USD $319.26/hr** | - | - |
| **User Defined Adjustments:** | | | |

### Hourly Operating Costs

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Field Labor | USD $10.04/hr | - | - |
| Field Parts | USD $74.85/hr | - | - |
| Ground Engaging Component (GEC) | USD $0.00/hr | - | - |
| Tire | USD $0.00/hr | - | - |
| Electrical/Fuel | USD $60.07/hr | - | - |
| Lube | USD $15.90/hr | - | - |
| **Total Operating Ownership Cost:** | **USD $160.86/hr** | - | - |
| **User Defined Adjustments:** | | | |

### Total

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Hourly Ownership Costs | USD $319.26/hr | - | - |
| Hourly Operating Costs | USD $160.86/hr | - | - |
| **Total Hourly Cost** | **USD $480.12** | - | - |

### Non-active use rates

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Standby | USD $203.19/hr | - | - |
| Idle | USD $379.33/hr | - | - |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 3.5 MTONS & OVER**
Self Propelled Pneumatic Compactors

Size Class:
**4.5 mt & Over**
Weight:
**N/A**



### Configuration for AVERAGE 3.5 MTONS & OVER

| | | | |
|---|---|---|---|
| Horsepower | **114.0 hp** | Number of Speeds | **3.0** |
| Number of Wheels | **7.0** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $19,650.00 | USD $5,505.00 | USD $1,375.00 | USD $205.00 | USD $38.00 | USD $149.65 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.4%) | (USD $1,100.40) | (USD $308.28) | (USD $77.00) | (USD $11.48) | | |
| Model Year (2023: 99.97%) | (USD $5.99) | (USD $1.68) | (USD $0.42) | (USD $0.06) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $18,543.61** | **USD $5,195.04** | **USD $1,297.58** | **USD $193.46** | **USD $38.00** | **USD $143.36** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $54.79 |
| Idling Rate | USD $119.03 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 24% | USD $4,716.00/mo |
| Overhaul (ownership) | 48% | USD $9,432.00/mo |
| CFC (ownership) | 15% | USD $2,947.50/mo |
| Indirect (ownership) | 13% | USD $2,554.50/mo |
| Fuel (operating) @ USD 4.15 | 35.97% | USD $13.67/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 3.5 MTONS & OVER**
Self Propelled Pneumatic Compactors

Size Class:
**4.5 mt & Over**
Weight:
**N/A**



### Configuration for AVERAGE 3.5 MTONS & OVER

| | | | |
|---|---|---|---|
| Horsepower | **114.0 hp** | Number of Speeds | **3.0** |
| Number of Wheels | **7.0** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $19,650.00 | USD $5,505.00 | USD $1,375.00 | USD $205.00 | USD $38.00 | USD $149.65 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.4%) | (USD $1,100.40) | (USD $308.28) | (USD $77.00) | (USD $11.48) | | |
| Model Year (2023: 99.97%) | (USD $5.99) | (USD $1.68) | (USD $0.42) | (USD $0.06) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $18,543.61** | **USD $5,195.04** | **USD $1,297.58** | **USD $193.46** | **USD $38.00** | **USD $143.36** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $54.79 |
| Idling Rate | USD $119.03 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 24% | USD $4,716.00/mo |
| Overhaul (ownership) | 48% | USD $9,432.00/mo |
| CFC (ownership) | 15% | USD $2,947.50/mo |
| Indirect (ownership) | 13% | USD $2,554.50/mo |
| Fuel (operating) @ USD 4.15 | 35.97% | USD $13.67/hr |

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE TO 95 KG**
Hand Held Vibratory Plate Compactors

Size Class:
**To 210 lbs**
Weight:
**N/A**

### Configuration for AVERAGE TO 95 KG

| | | | |
|---|---|---|---|
| Horsepower | **4.5 hp** | Plate Width | **15.0 in** |
| Pounds per Blow | **3000.0 lbs** | Power Mode | **Gasoline** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $530.00 | USD $150.00 | USD $38.00 | USD $6.00 | USD $4.08 | USD $7.09 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.6%) | (USD $23.32) | (USD $6.60) | (USD $1.67) | (USD $0.26) | | |
| Model Year (2023: 99.97%) | (USD $0.16) | (USD $0.05) | (USD $0.01) | (USD $0.00) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | | |
| **Total:** | **USD $506.52** | **USD $143.35** | **USD $36.32** | **USD $5.73** | **USD $4.08** | **USD $6.96** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $1.61 |
| Idling Rate | USD $4.19 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $180.20/mo |
| Overhaul (ownership) | 44% | USD $233.20/mo |
| CFC (ownership) | 9% | USD $47.70/mo |
| Indirect (ownership) | 13% | USD $68.90/mo |
| Fuel (operating) @ USD 3.24 | 32.11% | USD $1.31/hr |

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE TO 95 KG**
Hand Held Vibratory Plate Compactors

Size Class:
**To 210 lbs**
Weight:
**N/A**



### Configuration for AVERAGE TO 95 KG

| | | | |
|---|---|---|---|
| Horsepower | **4.5 hp** | Plate Width | **15.0 in** |
| Pounds per Blow | **3000.0 lbs** | Power Mode | **Gasoline** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $530.00 | USD $150.00 | USD $38.00 | USD $6.00 | USD $4.08 | USD $7.09 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.6%) | (USD $23.32) | (USD $6.60) | (USD $1.67) | (USD $0.26) | | |
| Model Year (2023: 99.97%) | (USD $0.16) | (USD $0.05) | (USD $0.01) | (USD $0.00) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $506.52** | **USD $143.35** | **USD $36.32** | **USD $5.73** | **USD $4.08** | **USD $6.96** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $1.44 |
| Idling Rate | USD $4.19 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $180.20/mo |
| Overhaul (ownership) | 44% | USD $233.20/mo |
| CFC (ownership) | 9% | USD $47.70/mo |
| Indirect (ownership) | 13% | USD $68.90/mo |
| Fuel (operating) @ USD 3.24 | 32.11% | USD $1.31/hr |

Revised Date: 1st quarter 2024

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## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 251 - 500 KG**
Hand Held Vibratory Plate Compactors

Size Class:
**553 - 1103 lbs**
Weight:
**N/A**

### Configuration for AVERAGE 251 - 500 KG

| | | | |
|---|---|---|---|
| Horsepower | **9.5 hp** | Plate Width | **24.6 in** |
| Pounds per Blow | **6000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $3,560.00 | USD $995.00 | USD $250.00 | USD $38.00 | USD $10.92 | USD $31.15 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.6%) | (USD $156.64) | (USD $43.78) | (USD $11.00) | (USD $1.67) | | |
| Model Year (2023: 99.97%) | (USD $1.10) | (USD $0.31) | (USD $0.08) | (USD $0.01) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $3,402.26** | **USD $950.91** | **USD $238.92** | **USD $36.32** | **USD $10.92** | **USD $30.25** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $10.83 |
| Idling Rate | USD $21.40 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $1,210.40/mo |
| Overhaul (ownership) | 44% | USD $1,566.40/mo |
| CFC (ownership) | 9% | USD $320.40/mo |
| Indirect (ownership) | 13% | USD $462.80/mo |
| Fuel (operating) @ USD 4.15 | 18.96% | USD $2.07/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 251 - 500 KG**
Hand Held Vibratory Plate Compactors

Size Class:
**551 - 1103 lbs**
Weight:
**N/A**

### Configuration for AVERAGE 251 - 500 KG

| | | | |
|---|---|---|---|
| Horsepower | **9.5 hp** | Plate Width | **24.6 in** |
| Pounds per Blow | **6000.0 lbs** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $3,560.00 | USD $995.00 | USD $250.00 | USD $38.00 | USD $10.92 | USD $31.15 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.6%) | (USD $156.64) | (USD $43.78) | (USD $11.00) | (USD $1.67) | | |
| Model Year (2023 : 99.97%) | (USD $1.10) | (USD $0.31) | (USD $0.08) | (USD $0.01) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $3,402.26** | **USD $950.91** | **USD $238.92** | **USD $36.32** | **USD $10.92** | **USD $30.25** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $10.83 |
| Idling Rate | USD $21.40 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 34% | USD $1,210.40/mo |
| Overhaul (ownership) | 44% | USD $1,566.40/mo |
| CFC (ownership) | 9% | USD $320.40/mo |
| Indirect (ownership) | 13% | USD $462.80/mo |
| Fuel (operating) @ USD 4.15 | 18.96% | USD $2.07/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars (**$**)

## Custom Cost Evaluator

January 26, 2024

**Miscellaneous DSL 6X4 4000**
On-Highway Water Tankers

Size Class:
**200 hp & Over**
Weight:
**14000 lbs**

### Configuration for DSL 6X4 4000

| | | | |
|---|---|---|---|
| Horsepower | **250.0** | Power Mode | **Diesel** |
| Tank Capacity | **4000.0 gal** | | |

### Hourly Ownership Costs

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Depreciation | USD $11.91/hr | - | - |
| Cost of Facilities Capital (CFC) | USD $3.14/hr | - | - |
| Overhead | USD $3.15/hr | - | - |
| Overhaul Labor | USD $1.82/hr | - | - |
| Overhaul Parts | USD $2.48/hr | - | - |
| **Total Hourly Ownership Cost:** | **USD $22.51/hr** | - | - |
| **User Defined Adjustments:** | | | |

### Hourly Operating Costs

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Field Labor | USD $4.34/hr | - | - |
| Field Parts | USD $4.21/hr | - | - |
| Ground Engaging Component (GEC) | USD $0.00/hr | - | - |
| Tire | USD $1.12/hr | - | - |
| Electrical/Fuel | USD $25.91/hr | - | - |
| Lube | USD $3.47/hr | - | - |
| **Total Operating Ownership Cost:** | **USD $39.05/hr** | - | - |
| **User Defined Adjustments:** | | | |

### Total

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Hourly Ownership Costs | USD $22.51/hr | - | - |
| Hourly Operating Costs | USD $39.05/hr | - | - |
| **Total Hourly Cost** | **USD $61.56** | - | - |

### Non-active use rates

| | Standard Value | User Adjusted Value | Variance |
|---|---|---|---|
| Standby | USD $18.21/hr | - | - |
| Idle | USD $48.42/hr | - | - |

Revised Date: 1st quarter 2024

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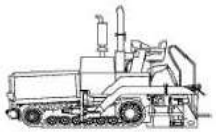
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE TO 18,999 LBS**
Crawler Mounted Asphalt Pavers

Size Class:
**To 18,999 lbs**
Weight:
**N/A**



### Configuration for AVERAGE TO 18,999 LBS

Power Mode: **Diesel** Screed Model: **Extendable**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $26,615.00 | USD $7,455.00 | USD $1,865.00 | USD $280.00 | USD $51.13 | USD $202.35 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.2%) | (USD $1,011.37) | (USD $283.29) | (USD $70.87) | (USD $10.64) | | |
| Model Year (2023: 99.96%) | (USD $9.39) | (USD $2.63) | (USD $0.66) | (USD $0.10) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $25,594.24** | **USD $7,169.08** | **USD $1,793.47** | **USD $269.26** | **USD $51.13** | **USD $196.55** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $59.62 |
| Idling Rate | USD $153.66 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $5,855.30/mo |
| Overhaul (ownership) | 59% | USD $15,702.85/mo |
| CFC (ownership) | 10% | USD $2,661.50/mo |
| Indirect (ownership) | 9% | USD $2,395.35/mo |
| Fuel (operating) @ USD 4.15 | 16.12% | USD $8.24/hr |

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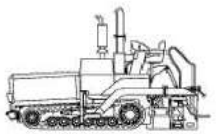
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 29,000 - 34,999 LBS**
Crawler Mounted Asphalt Pavers

Size Class:
**29,000 - 34,999 lbs**
Weight:
**N/A**



### Configuration for AVERAGE 29,000 - 34,999 LBS

| Power Mode | **Diesel** | Screed Model | **Screed Model** |
|---|---|---|---|

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $36,300.00 | USD $10,165.00 | USD $2,540.00 | USD $380.00 | USD $89.05 | USD $295.30 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.2%) | (USD $1,379.40) | (USD $386.27) | (USD $96.52) | (USD $14.44) | | |
| Model Year (2023: 99.96%) | (USD $12.81) | (USD $3.59) | (USD $0.90) | (USD $0.13) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $34,907.79** | **USD $9,775.14** | **USD $2,442.58** | **USD $365.43** | **USD $89.05** | **USD $287.39** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $81.32 |
| Idling Rate | USD $223.33 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $7,986.00/mo |
| Overhaul (ownership) | 59% | USD $21,417.00/mo |
| CFC (ownership) | 10% | USD $3,630.00/mo |
| Indirect (ownership) | 9% | USD $3,267.00/mo |
| Fuel (operating) @ USD 4.15 | 28.06% | USD $24.99/hr |

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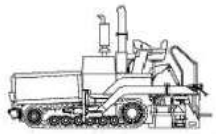
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 35,500 LBS & OVER**
Crawler Mounted Asphalt Pavers

Size Class:
**35,000 lbs & Over**
Weight:
**N/A**



### Configuration for AVERAGE 35,500 LBS & OVER

| | | | |
|---|---|---|---|
| Horsepower | **191.5 hp** | Power Mode | **Diesel** |
| Screed Model | **Fastach 10'** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $31,215.00 | USD $8,740.00 | USD $2,185.00 | USD $330.00 | USD $90.35 | USD $267.71 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.2%) | (USD $1,186.17) | (USD $332.12) | (USD $83.03) | (USD $12.54) | | |
| Model Year (2023: 99.96%) | (USD $11.02) | (USD $3.08) | (USD $0.77) | (USD $0.12) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $30,017.81** | **USD $8,404.79** | **USD $2,101.20** | **USD $317.34** | **USD $90.35** | **USD $260.91** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $69.93 |
| Idling Rate | USD $203.11 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $6,867.30/mo |
| Overhaul (ownership) | 59% | USD $18,416.85/mo |
| CFC (ownership) | 10% | USD $3,121.50/mo |
| Indirect (ownership) | 9% | USD $2,809.35/mo |
| Fuel (operating) @ USD 4.15 | 36.03% | USD $32.55/hr |

Revised Date: 1st quarter 2024

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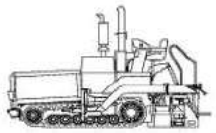
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 35,500 LBS & OVER**
Crawler Mounted Asphalt Pavers

Size Class:
**35,000 lbs & Over**
Weight:
**N/A**



### Configuration for AVERAGE 35,500 LBS & OVER

| | | | |
|---|---|---|---|
| Horsepower | **191.5 hp** | Power Mode | **Diesel** |
| Screed Model | **Fastach 10'** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $31,215.00 | USD $8,740.00 | USD $2,185.00 | USD $330.00 | USD $90.35 | USD $267.71 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.2%) | (USD $1,186.17) | (USD $332.12) | (USD $83.03) | (USD $12.54) | | |
| Model Year (2023: 99.96%) | (USD $11.02) | (USD $3.08) | (USD $0.77) | (USD $0.12) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $30,017.81** | **USD $8,404.79** | **USD $2,101.20** | **USD $317.34** | **USD $90.35** | **USD $260.91** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $69.93 |
| Idling Rate | USD $203.11 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $6,867.30/mo |
| Overhaul (ownership) | 59% | USD $18,416.85/mo |
| CFC (ownership) | 10% | USD $3,121.50/mo |
| Indirect (ownership) | 9% | USD $2,809.35/mo |
| Fuel (operating) @ USD 4.15 | 36.03% | USD $32.55/hr |

Revised Date: 1st quarter 2024

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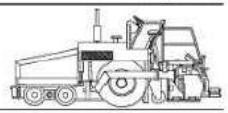
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 25,000 - 28,999 LBS**
Wheel Mounted Asphalt Pavers

Size Class:
**25,000 - 28,999 lbs**
Weight:
**N/A**



### Configuration for AVERAGE 25,000 - 28,999 LBS

| | | | |
|---|---|---|---|
| Power Mode | **Diesel** | Screed Model | **Fixed** |
| Wheel Drive | **2.0** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $31,515.00 | USD $8,825.00 | USD $2,205.00 | USD $330.00 | USD $76.66 | USD $255.72 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.3%) | (USD $1,166.06) | (USD $326.52) | (USD $81.58) | (USD $12.21) | | |
| Model Year (2023: 99.96%) | (USD $11.14) | (USD $3.12) | (USD $0.78) | (USD $0.12) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $30,337.81** | **USD $8,495.36** | **USD $2,122.66** | **USD $317.67** | **USD $76.66** | **USD $249.03** |

| Non-Active Use Rates | Hourly |
|---|---|
| Standby Rate | USD $67.23 |
| Idling Rate | USD $191.24 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $6,933.30/mo |
| Overhaul (ownership) | 61% | USD $19,224.15/mo |
| CFC (ownership) | 10% | USD $3,151.50/mo |
| Indirect (ownership) | 7% | USD $2,206.05/mo |
| Fuel (operating) @ USD 4.15 | 24.62% | USD $18.87/hr |

Revised Date: 1st quarter 2024

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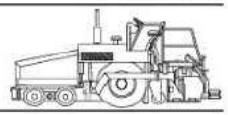
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 29,000 - 34,999 LBS**
Wheel Mounted Asphalt Pavers

Size Class:
**29,000 - 34,999 lbs**
Weight:
**N/A**



### Configuration for AVERAGE 29,000 - 34,999 LBS

| | | | |
|---|---|---|---|
| Power Mode | **Diesel** | Screed Model | **Fixed** |
| Wheel Drive | **2.0** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $49,635.00 | USD $13,900.00 | USD $3,475.00 | USD $520.00 | USD $108.65 | USD $390.67 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.3%) | (USD $1,936.49) | (USD $514.38) | (USD $128.57) | (USD $19.24) | | |
| Model Year (2023: 99.96%) | (USD $17.54) | (USD $4.91) | (USD $1.23) | (USD $0.18) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $47,780.97** | **USD $13,380.79** | **USD $3,345.20** | **USD $500.58** | **USD $108.65** | **USD $380.13** |

| **Non-Active Use Rates** | **Hourly** |
|---|---|
| Standby Rate | USD $105.88 |
| Idling Rate | USD $296.94 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $10,919.70/mo |
| Overhaul (ownership) | 61% | USD $30,277.35/mo |
| CFC (ownership) | 10% | USD $4,963.50/mo |
| Indirect (ownership) | 7% | USD $3,474.45/mo |
| Fuel (operating) @ USD 4.15 | 23.43% | USD $25.46/hr |

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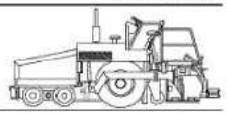
All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 35,000 LBS & OVER**
Wheel Mounted Asphalt Pavers

Size Class:
**35,000 lbs & Over**
Weight:
**N/A**



### Configuration for AVERAGE 35,000 LBS & OVER

| | | | |
|---|---|---|---|
| Power Mode | **Diesel** | Screed Model | **Pavemaster 10B** |
| Wheel Drive | **2.0** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | **Monthly** | **Weekly** | **Daily** | **Hourly** | **Hourly** | **Hourly** |
| Published Rates | USD $33,315.00 | USD $9,330.00 | USD $2,335.00 | USD $350.00 | USD $96.51 | USD $285.80 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.3%) | (USD $1,232.66) | (USD $345.21) | (USD $86.39) | (USD $12.95) | | |
| Model Year (2023: 99.90%) | (USD $11.77) | (USD $3.30) | (USD $0.83) | (USD $0.12) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $32,070.57** | **USD $8,981.49** | **USD $2,247.78** | **USD $336.93** | **USD $96.51** | **USD $278.73** |

| **Non-Active Use Rates** | **Hourly** |
|---|---|
| Standby Rate | USD $71.07 |
| Idling Rate | USD $215.13 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 22% | USD $7,329.30/mo |
| Overhaul (ownership) | 61% | USD $20,322.15/mo |
| CFC (ownership) | 10% | USD $3,331.50/mo |
| Indirect (ownership) | 7% | USD $2,332.05/mo |
| Fuel (operating) @ USD 4.15 | 34.1% | USD $32.91/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous ALL DIESEL**
Asphalt Pick-Up Machines

Size Class:
**All**
Weight:
**N/A**

### Configuration for ALL DIESEL

| | | | |
|---|---|---|---|
| Conveyor Width | **59.3 in** | Discharge Height | **116.6 in** |
| Horsepower | **149.2 hp** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $54,940.00 | USD $15,385.00 | USD $3,845.00 | USD $575.00 | USD $99.02 | USD $411.18 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.3%) | (USD $2,582.18) | (USD $723.09) | (USD $180.71) | (USD $27.02) | | |
| Model Year (2023: 99.93%) | (USD $38.42) | (USD $10.76) | (USD $2.69) | (USD $0.40) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $52,319.40** | **USD $14,651.15** | **USD $3,661.60** | **USD $547.57** | **USD $99.02** | **USD $396.29** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $154.58 |
| Idling Rate | USD $311.74 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 30% | USD $16,482.00/mo |
| Overhaul (ownership) | 48% | USD $26,371.20/mo |
| CFC (ownership) | 11% | USD $6,043.40/mo |
| Indirect (ownership) | 11% | USD $6,043.40/mo |
| Fuel (operating) @ USD 4.15 | 14.61% | USD $14.47/hr |

Revised Date: 1st quarter 2024

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All prices shown in US Dollars ($)

## Rental Rate Blue Book®

January 24, 2024

**Mack DM690SX**
On-Highway Truck Tractors

Size Class:
**60,001 lbs & Over**
Weight:
**19670 lbs**

### Configuration for DM690SX

Horsepower **300.0** Power Mode **Diesel**

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $2,320.00 | USD $650.00 | USD $166.00 | USD $25.00 | USD $41.83 | USD $55.01 |
| **Adjustments** | | | | | | |
| Region ( Florida: 94.7%) | (USD $122.96) | (USD $34.45) | (USD $8.74) | (USD $1.33) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $2,197.04** | **USD $615.55** | **USD $156.26** | **USD $23.67** | **USD $41.83** | **USD $54.31** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $8.49 |
| Idling Rate | USD $42.95 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 45% | USD $1,044.00/mo |
| Overhaul (ownership) | 32% | USD $742.40/mo |
| CPC (ownership) | 11% | USD $255.20/mo |
| Indirect (ownership) | 12% | USD $278.40/mo |
| Fuel (operating) @ USD 4.15 | 72.64% | USD $30.47/hr |

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE ALL**
Self Propelled Pavement Brooms

Size Class:
**All**
Weight:
**N/A**

### Configuration for AVERAGE ALL

| | | | |
|---|---|---|---|
| Broom Length | **84.0** | Horsepower | **31.5** |
| Power Mode | **Diesel** | Transmission | **Hydrostatic** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $10,910.00 | USD $3,055.00 | USD $765.00 | USD $115.00 | USD $37.12 | USD $99.11 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.7%) | (USD $469.13) | (USD $131.37) | (USD $32.90) | (USD $4.95) | | |
| Model Year (2023: 99.97%) | (USD $3.19) | (USD $0.89) | (USD $0.22) | (USD $0.03) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $10,437.68** | **USD $2,922.74** | **USD $731.88** | **USD $110.02** | **USD $37.12** | **USD $96.42** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $28.65 |
| Idling Rate | USD $64.13 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 19% | USD $2,072.90/mo |
| Overhaul (ownership) | 61% | USD $6,655.10/mo |
| CFC (ownership) | 10% | USD $1,091.00/mo |
| Indirect (ownership) | 10% | USD $1,091.00/mo |
| Fuel (operating) @ USD 4.15 | 13.01% | USD $4.83/hr |

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE ALL**
Dual Engine Pavement Sweepers

Size Class:
**All**
Weight:
**N/A**

### Configuration for AVERAGE ALL

| | | | |
|---|---|---|---|
| Carrier Horsepower | **163.7 hp** | Hopper Capacity | **5.1 t** |
| Horsepower | **73.5 hp** | Power Mode | **Diesel** |
| Water System Capacity | **235.0 gal** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $10,005.00 | USD $2,800.00 | USD $700.00 | USD $105.00 | USD $40.00 | USD $96.85 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.2%) | (USD $380.19) | (USD $106.40) | (USD $26.60) | (USD $3.99) | | |
| Model Year (2023: 99.97%) | (USD $2.99) | (USD $0.84) | (USD $0.21) | (USD $0.03) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $9,621.82** | **USD $2,692.76** | **USD $673.19** | **USD $100.98** | **USD $40.00** | **USD $94.67** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $27.33 |
| Idling Rate | USD $65.95 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 19% | USD $1,600.95/mo |
| Overhaul (ownership) | 64% | USD $6,403.20/mo |
| CFC (ownership) | 8% | USD $800.40/mo |
| Indirect (ownership) | 9% | USD $900.45/mo |
| Fuel (operating) @ USD 4.15 | 28.2% | USD $11.28/hr |

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE ALL**
Dual Engine Pavement Sweepers

Size Class:
**All**
Weight:
**N/A**

### Configuration for AVERAGE ALL

| | | | |
|---|---|---|---|
| Carrier Horsepower | **163.7 hp** | Hopper Capacity | **5.1 t** |
| Horsepower | **73.5 hp** | Power Mode | **Diesel** |
| Water System Capacity | **235.0 gal** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $10,005.00 | USD $2,800.00 | USD $700.00 | USD $105.00 | USD $40.00 | USD $96.85 |
| **Adjustments** | | | | | | |
| Region ( Florida: 96.2%) | (USD $380.19) | (USD $106.40) | (USD $26.60) | (USD $3.99) | | |
| Model Year (2023: 99.97%) | (USD $2.99) | (USD $0.84) | (USD $0.21) | (USD $0.03) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $9,621.82** | **USD $2,692.76** | **USD $673.19** | **USD $100.98** | **USD $40.00** | **USD $94.67** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $27.33 |
| Idling Rate | USD $65.95 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 19% | USD $1,600.95/mo |
| Overhaul (ownership) | 64% | USD $6,403.20/mo |
| CFC (ownership) | 8% | USD $800.40/mo |
| Indirect (ownership) | 9% | USD $900.45/mo |
| Fuel (operating) @ USD 4.15 | 28.2% | USD $11.28/hr |

Revised Date: 1st quarter 2024

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book® Print. Visit the Cost Recovery Product Guide on our Help page for more information.

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Miscellaneous 2**
Portable Sand Blasting Machines

Size Class:
**To 300 lbs**
Weight:
**200 lbs**



### Configuration for 2

| | | | |
|---|---|---|---|
| Capacity | **2.0 cu ft** | Power Mode | **Air** |
| Sand Capacity | **200.0 lbs** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $180.00 | USD $50.00 | USD $13.00 | USD $2.00 | USD $0.54 | USD $1.56 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.6%) | (USD $7.92) | (USD $2.20) | (USD $0.57) | (USD $0.09) | | |
| Model Year (2024: 100%) | - | - | - | - | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $172.08** | **USD $47.80** | **USD $12.43** | **USD $1.91** | **USD $0.54** | **USD $1.52** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $0.49 |
| Idling Rate | USD $0.98 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 39% | USD $70.20/mo |
| Overhaul (ownership) | 40% | USD $72.00/mo |
| CFC (ownership) | 11% | USD $19.80/mo |
| Indirect (ownership) | 10% | USD $18.00/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 7 - 9 CFT**
Portable Mortar/Plaster Mixers

Size Class:
**7 - 9 cu ft**
Weight:
**N/A**

### Configuration for AVERAGE 7 - 9 CFT

| | | | |
|---|---|---|---|
| Batching Capacity | **8.0 cu ft** | Horsepower | **5.0 hp** |
| Power Mode | **Gasoline** | | |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $165.00 | USD $46.00 | USD $12.00 | USD $2.00 | USD $1.85 | USD $2.79 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.1%) | (USD $8.09) | (USD $2.25) | (USD $0.59) | (USD $0.10) | | |
| Model Year (2023: 99.89%) | (USD $0.17) | (USD $0.05) | (USD $0.01) | (USD $0.00) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $156.74** | **USD $43.70** | **USD $11.40** | **USD $1.90** | **USD $1.85** | **USD $2.74** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $0.45 |
| Idling Rate | USD $1.95 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 29% | USD $47.85/mo |
| Overhaul (ownership) | 47% | USD $77.55/mo |
| CPC (ownership) | 10% | USD $16.50/mo |
| Indirect (ownership) | 14% | USD $23.10/mo |
| Fuel (operating) @ USD 3.24 | 57.3% | USD $1.06/hr |

Revised Date: 1st quarter 2024

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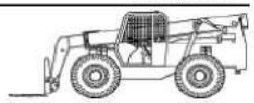
All prices shown in US dollars ($)

## Rental Rate Blue Book®

January 26, 2024

**Average AVERAGE 4.5 - 4.9 MTONS**
Telescoping Boom Rough Terrain Lift Trucks

Size Class:
**4.5 - 4.9 mt**
Weight:
**N/A**



### Configuration for AVERAGE 4.5 - 4.9 MTONS

| | | | |
|---|---|---|---|
| Base Capacity | **10030.0 lbs** | Maximum Lift Height | **564.0 in** |
| Maximum Reach | **402.0 in** | Power Mode | **Diesel** |

### Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

| | Ownership Costs | | | | Estimated Operating Costs | FHWA Rate** |
|---|---|---|---|---|---|---|
| | Monthly | Weekly | Daily | Hourly | Hourly | Hourly |
| Published Rates | USD $17,410.00 | USD $4,875.00 | USD $1,220.00 | USD $185.00 | USD $36.84 | USD $135.76 |
| **Adjustments** | | | | | | |
| Region ( Florida: 95.7%) | (USD $748.63) | (USD $209.63) | (USD $52.46) | (USD $7.95) | | |
| Model Year (2023: 99.94%) | (USD $10.49) | (USD $2.94) | (USD $0.74) | (USD $0.11) | | |
| Adjusted Hourly Ownership Cost (100%) | - | - | - | - | | |
| Hourly Operating Cost (100%) | | | | | - | |
| **Total:** | **USD $16,650.88** | **USD $4,662.44** | **USD $1,166.80** | **USD $176.93** | **USD $36.84** | **USD $131.45** |

### Non-Active Use Rates

| | Hourly |
|---|---|
| Standby Rate | USD $47.30 |
| Idling Rate | USD $94.61 |

### Rate Element Allocation

| Element | Percentage | Value |
|---|---|---|
| Depreciation (ownership) | 17% | USD $2,959.70/mo |
| Overhaul (ownership) | 60% | USD $10,446.00/mo |
| CFC (ownership) | 11% | USD $1,915.10/mo |
| Indirect (ownership) | 12% | USD $2,089.20/mo |

Fuel cost data is not available for these rates.

Revised Date: 1st quarter 2024

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| Structure No. | Conformed Structre Type | Coformened Strucure Price | Original Bid Item # | Bulletin #2 Strucure Type | Price Change Y/N | Notes | Backup Provided Y/N | Proposed Price |
|---|---|---|---|---|---|---|---|---|
| S-2 | Double 36" Endwall | $17,077.94 | 430-536-102 | AR Inlet (8'X5') | Y | Structure Type Modified - New Item - CIP | Y | $ 63,114.07 |
| S-8 | AR Gutter Inlet (5'X5') | $38,029.27 | D-751-5.2 | AR Gutter Inlet (5'X9.6') | Y | Structure Size Increased - New Item - CIP | N/A | $ 90,543.33 |
| S-9 | AR Gutter Inlet (5'X5') | $38,029.27 | D-751-5.2 | N/A | N/A | Eliminated in Bulletin #2 - Line Item Decrease | N/A | N/A |
| S-10 | AR Gutter Inlet (5'X5') | $38,029.27 | D-751-5.2 | N/A | N/A | Eliminated in Bulletin #2 - Line Item Decrease | N/A | N/A |
| S-11 | AR Gutter Inlet (5'X5') | $38,029.27 | D-751-5.2 | N/A | N/A | Eliminated in Bulletin #2 - Line Item Decrease | N/A | N/A |
| S-12bb | AR Gutter Inlet (5'X5') | $38,029.27 | D-751-5.2 | N/A | N/A | Eliminated in Bulletin #2 - Line Item Decrease | N/A | N/A |
| S-12aa1 | Junction Box J-7 FDOT | $46,934.57 | 425-2-71 | Junction Box J-7 FDOT Modified Top | N | Top Modified in Bulletin 1 | Y | $ 84,365.81 |
| S-13bb | N/A | N/A | N/A | FDOT Type E DBI | N/A | Added in Bulletin #1. | N/A | $ 7,773.75 |
| S-14 | AR Junction Box (15'X15') | $39,332.19 | D-751-5.1 | AR Junction Box (15'X15') | N/A | Changes per ESI #4 - Top Enlarged & Extra Rebar | Y | $ 157,965.03 |
| S-15 | AR Gutter Inlet (13'X3') | $41,143.13 | D-751-5.2 | AR Drainage Inlet (15'4"X3') | Y | Structure Size Increased - New Item - CIP | Y | $ 115,604.84 |
| S-16 | AR Gutter Inlet (5'X5') | $36,618.88 | D-751-5.2 | AR Gutter Inlet (5'X5') Modified Top | N | Cast in Place | N/A | $ 67,567.04 |
| S-17 | AR Gutter Inlet (5'X5') | $36,618.88 | D-751-5.2 | AR Gutter Inlet (5'X5') Modified Top | N | Cast in Place | N/A | $ 66,531.95 |
| S-18 | AR Gutter Inlet (5'X5') | $36,618.88 | D-751-5.2 | Modify Existing Structure | N/A | Structure Type Modified - Line Item Increase | N | N |
| S-20 | Double 38" x 60 Endwall | $33,037.62 | 430-515-203 | Mitered End Section | Y | Structure Type Modified - New Item | N | $ 4,805.18 |
| S-21 | Junction Box J-7 FDOT | N/A | N/A | Double 38" x 60" Endwall | Y | Structure Type Modified - Line Item Increase | N | N/A |
| S-23 | AR Junction Box (16'X4') | $45,912.17 | D-751-5.2 | AR Junction Box (16'X4') | N | No Change | N/A | $ 94,285.01 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No.1 INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-2)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-2) | 1.00 | EA | $56,746.20 | 613.62 | $22,748.84 | $14,534.67 | $14,941.09 | $4,521.60 | $56,746.20 |
| | | | | | | | | | | | 56,746.20 |
| | | Subtotal | | | | 613.62 | $22,748.84 | $14,534.67 | $14,941.09 | $4,521.60 | $56,746.20 |
| | | Markup Percent | | | | | 12% | 12% | 12% | 8% | |
| | | Markup Total | | | | | $2,729.86 | $1,744.16 | $1,792.93 | $361.73 | $6,628.68 |
| | | Subtotal | | | | | | | | | $63,374.88 |
| | | Bond | | | | | | | | | |
| | | Total | 1.00 | EA | $63,374.88 | | | | | | $63,374.88 |

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | Labor | Equipment | Materials | Sub |
| Proposed Value | $ 22,784.84 | $ 14,534.67 | $ 14,729.05 | $ 4,500.00 |
| 2.3% Deduction LABOR ONLY | $ 22,260.79 | | | |
| Markup % | 0.12 | 0.12 | 0.12 | 0.08 |
| Markup Total | $ 2,734.18 | $ 1,744.16 | $ 1,767.49 | $ 360.00 |
| Subtotal | $ 24,994.97 | $ 16,278.83 | $ 16,496.54 | $ 4,860.00 |
| Total | $ | | | 62,630.34 |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

# D-751-5.2 (Inlet Boxes, Special Large (Aircraft Rated) (Structure S-2))

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-2) | 1.00 | EA | $56,746.20 | 613.62 | $22,748.84 | $14,534.67 | $14,941.09 | $4,521.60 | $56,746.20 |
| | | | | | | | | | | | 56,746.20 |
| | | Subtotal | | | | 613.62 | $22,748.84 | $14,534.67 | $14,941.09 | $4,521.60 | $56,746.20 |
| | | Markup Percent | | | | | 12% | 12% | 12% | 8% | |
| | | Markup Total | | | | | $2,729.86 | $1,744.16 | $1,792.93 | $361.73 | $6,628.68 |
| | | Subtotal | | | | | | | | | $63,374.88 |
| | | Bond | | | | | | | | | |
| | | Total | 1.00 | EA | $63,374.88 | | | | | | $63,374.88 |

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-2)

CONCRETE TOTAL = 17 CY
REBAR TOTAL = 6,000 LBS

FORM TOTAL = 500 SF
Wall = 290 SF
Bottom = 70 SF
Top = 140 SF

Cast-in-Place Drainage Junction Boxes (Interior 8ft x 5ft), bottom slab 13'x10'x1.33', top slab 10.33'x7.33', 6' Depth.

**Biditem**

# 60

## INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-2)

Takeoff Qty: 1.000 EA

Bid Qty: 1.000 EA

**Client #: D-751-5.2**

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 16,020.32 | 6,728.52 | 22,748.84 | 14,534.67 | 14,887.09 | 54.00 | 4,521.60 | 0.00 | 0.00 | 0.00 | 56,746.20 |
| Total | 16,020.32 | 6,728.52 | 22,748.84 | 14,534.67 | 14,887.09 | 54.00 | 4,521.60 | 0.00 | 0.00 | 0.00 | 56,746.20 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 613.6200 | 0.0016 | 613.6200 | 92.4778 | 26.1079 | 37.0732 | 0.0016 |

Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 17.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 240.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 240.26 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 4,084.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,084.50 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 17.00 | YD3 | 168.00 | 106.250 | 178.50 | 3,034.50 |
| 2B1048 | Fuel Surcharge | 1.00 | 3.00 | LD | 75.00 | 100.000 | 75.00 | 225.00 |
| 2B1050 | Envir Fees | 1.00 | 3.00 | LD | 25.00 | 100.000 | 25.00 | 75.00 |
| 2B1052 | Min Load | 1.00 | 3.00 | LD | 250.00 | 100.000 | 250.00 | 750.00 |

Activity: 10.03 Form Matl. Quantity: 500.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 1.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.29 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 642.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 642.82 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 70.00 | FT2 | 0.66 | 106.250 | 0.70 | 49.09 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 290.00 | FT2 | 0.66 | 106.250 | 0.70 | 203.36 |
| 2BF305 | Box Culvert Top Form | 1.00 | 140.00 | FT2 | 0.66 | 106.250 | 0.70 | 98.18 |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.04 Rebar Matl. Quantity: 6000.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 4,271.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~4,271.25~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constructio $4,064.06

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 6,000.00 | LB | .6125 | ~~0.65~~ | 106.250 | 0.69 | ~~4,143.75~~ |
| 2B2007 | Rebar Accessories | 1.00 | 6,000.00 | LB | .025 | ~~0.02~~ | 106.250 | 0.02 | ~~127.50~~ |

Activity: 10.05 Unld / Handle Rebar Quantity: 6000.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 718.21 | 301.65 | 1,019.86 | 593.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,613.11 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2689 | 0.0010 | 1,000.0000 | 268.8517 | 0.6000 | 10,000.0000 | 0.0001 | 2,688.5167 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 200.0000 | 0.0050 | 33.9953 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 6.00 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 6.00 | HR | 98.88 | 100.000 | 98.88 | 593.25 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 6.00 | MH | 36.30 | 110.000 | 56.70 | 340.20 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 24.00 | MH | 18.13 | 110.000 | 28.32 | 679.66 |

Activity: 10.07 USF 9151 Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D2FG | USF 9151 Frame & Grate | 1.00 | 1.00 | EA | 4,672.13 | 106.250 | 4,964.14 | 4,964.14 |

Activity: 10.08 Bedding Stone Quantity: 12.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.50 | 0.00 | 0.00 | 0.00 | 0.00 | 36.38 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 382.50 | 54.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~436.50~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constructi $431.58

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 12.00 | TON | | 30.00 | 106.250 | 31.88 | 382.50 |
| 335110 | Misc Aggregate Haul | 1.00 | 12.00 | TON | $4.09 | ~~4.50~~ | 100.000 | 4.50 | ~~54.00~~ |

Activity: 20.01 Excv. for Junction Box Quantity: 45.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 18.34 | 7.70 | 26.05 | 19.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 45.89 |
| Total | 825.49 | 346.70 | 1,172.19 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,064.99 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 45.8887 | 0.1111 | 9.0000 | 412.9980 | 0.5000 | 90.0000 | 0.0111 | 4,129.9800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 1.5000 | 0.6667 | 39.0730 | 18.3442 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 9 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN PIPE | 1.00 | 5.00 | MH | 46.83 | 80.000 | 53.20 | 265.99 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 450.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.83 | 0.77 | 2.60 | 1.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.59 |
| Total | 825.49 | 346.70 | 1,172.19 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,064.99 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 4.5889 | 0.0111 | 90.0000 | 412.9980 | 0.5000 | 900.0000 | 0.0011 | 4,129.9800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 15.0000 | 0.0667 | 39.0730 | 1.8344 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 90 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN PIPE | 1.00 | 5.00 | MH | 46.83 | 80.000 | 53.20 | 265.99 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 10.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 82.55 | 34.67 | 117.22 | 89.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 206.50 |
| Total | 825.49 | 346.70 | 1,172.19 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,064.99 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 206.4990 | 0.5000 | 2.0000 | 412.9980 | 0.5000 | 20.0000 | 0.0500 | 4,129.9800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.3333 | 3.0000 | 39.0730 | 82.5490 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 2 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN PIPE | 1.00 | 5.00 | MH | 46.83 | 80.000 | 53.20 | 265.99 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 500.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 22.23 | 9.33 | 31.56 | 18.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 49.73 |
| Total | 11,112.96 | 4,667.44 | 15,780.40 | 9,085.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24,866.20 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 49.7324 | 0.1200 | 8.3333 | 414.4367 | 6.0000 | 83.3333 | 0.0120 | 4,144.3667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 420.0000 | 1.1905 | 0.8400 | 37.5724 | 22.2259 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 8.3333 Eff: 100.00 Crew Hrs: 60.00 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes:
Form; 3 shifts
Pour; 2 shift
Strip; 1 shift

.

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 60.00 | HR | 1.00 | 100.000 | 1.00 | 60.00 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 60.00 | HR | 6.50 | 100.000 | 6.50 | 390.00 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 60.00 | HR | 12.17 | 100.000 | 12.17 | 730.20 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 60.00 | HR | 13.89 | 100.000 | 13.89 | 833.40 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 60.00 | HR | 108.76 | 100.000 | 108.76 | 6,525.60 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 60.00 | HR | 9.11 | 100.000 | 9.11 | 546.60 |
| L10170 | FOREMAN | 1.00 | 60.00 | MH | 46.83 | 80.000 | 53.20 | 3,191.93 |
| L10240 | OPERATOR BACKHOE | 1.00 | 60.00 | MH | 25.70 | 110.000 | 40.14 | 2,408.60 |
| L10410 | LABORER-COMMON | 2.00 | 120.00 | MH | 18.13 | 110.000 | 28.32 | 3,398.29 |
| L10430 | CARPENTER | 3.00 | 180.00 | MH | 24.12 | 110.000 | 37.68 | 6,781.58 |

Activity: 30.02 Pump Concrete Quantity: 17.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 17.00 | YD3 | 30.00 | 106.250 | 31.88 | 541.88 |

Activity: 30.03 Point & Patch Quantity: 500.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.20 | 0.50 | 1.70 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 |
| Total | 599.32 | 251.72 | 851.04 | 164.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,015.26 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.0305 | 0.0143 | 69.9996 | 142.1355 | 0.7143 | 699.9958 | 0.0014 | 1,421.3555 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 21.4200 | 23.3427 | 0.0428 | 39.7311 | 1.1986 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70 Eff: 100.00 Crew Hrs: 7.14 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 7.14 | HR | 13.89 | 100.000 | 13.89 | 99.17 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 839830 | MISC. SMALL TOOLS | 1.00 | 7.14 | HR | 9.11 | 100.000 | 9.11 | 65.05 |
| L10190 | CREW CHIEF | 1.00 | 7.14 | MH | 46.83 | 80.000 | 53.20 | 379.84 |
| L10410 | LABORER-COMMON | 1.00 | 7.14 | MH | 18.13 | 110.000 | 28.32 | 202.20 |
| L10450 | CONC. FINISHER | 1.00 | 7.14 | MH | 24.12 | 110.000 | 37.68 | 269.00 |

Activity: 40.02 Install frame&grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 251.82 | 105.76 | 357.58 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 426.58 |
| Total | 251.82 | 105.76 | 357.58 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 426.58 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 426.5800 | 3.0000 | 0.3333 | 142.1933 | 0.3000 | 3.3333 | 0.3000 | 1,421.9333 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 39.7311 | 251.8200 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN PIPE | 1.00 | 3.00 | MH | 46.83 | 80.000 | 53.20 | 159.59 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 6000.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction $4,500.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 6,000.00 | LBS | 0.75 | 100.000 | 0.75 | ~~4,521.60~~ |

Activity: 60.3 By Pass Pumping (Unreviewed) Quantity: 9.00 Unit: DAY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 861.54 | 361.85 | 1,223.39 | 1,944.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,167.39 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9322 | 24.0000 | 0.0417 | 14.6638 | 21.6000 | 0.4167 | 2.4000 | 146.6384 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 43.2000 | 0.2083 | 4.8000 | 28.3192 | 95.7267 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 216.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 216.00 | HR | 7.00 | 100.000 | 7.00 | 1,512.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 216.00 | HR | 2.00 | 100.000 | 2.00 | 432.00 |
| L10410 | LABORER-COMMON | 0.20 | 43.20 | MH | 18.13 | 110.000 | 28.32 | 1,223.39 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

SYMONS BY DAYTON SUPERIOR

# Lease Agreement

## Bill of Materials

# S-2, S-7, & S-8

Equipment to form ALL 3 structures at one time.

### RENTAL ITEMS

### STEEL-PLY PANELS AND FILLERS

| Product Code | QTY | Description | Unit Wgt | Unit Rental | Item Total |
|---|---|---|---|---|---|
| 10825 | 4 | 6IN X 8FT INSIDE CORNER | 63.58 LB | $10.035 | $40.141 |
| 10826 | 6 | 8FT S/P FILLER ANGLE | 11.48 LB | $1.821 | $10.923 |
| 10524 | 54 | 24INX5FT S/P PANEL | 51.56 LB | $8.648 | $467.003 |
| 10520 | 32 | 20IN X 5FT S/P FILLER | 45.13 LB | $9.728 | $311.309 |
| 10518 | 4 | 18IN X 5FT S/P FILLER | 41.78 LB | $9.008 | $36.032 |
| 10512 | 10 | 12IN X 5FT S/P FILLER | 32.95 LB | $7.422 | $74.223 |
| 10506 | 10 | 6IN X 5FT S/P FILLER | 25.60 LB | $6.486 | $64.856 |
| 10525 | 4 | 6INX 5FT S/P INSIDE CORNER | 40.48 LB | $8.323 | $33.293 |
| 10527 | 16 | 5FT S/P OUTSIDE CORNER | 14.58 LB | $2.383 | $38.130 |
| 10526 | 12 | 5FT S/P FILLER ANGLE | 7.09 LB | $1.239 | $14.870 |
| 10424 | 50 | 24IN X 4FT S/P PANEL | 41.68 LB | $6.161 | $308.055 |
| 10420 | 8 | 20IN X 4FT S/P FILLER | 37.20 LB | $7.567 | $60.535 |
| 10418 | 8 | 18IN X 4FT S/P FILLER | 33.98 LB | $6.809 | $54.472 |
| 10412 | 2 | 12IN X 4FT S/P FILLER | 27.38 LB | $6.233 | $12.466 |
| 10406 | 10 | 6IN X 4FT S/P FILLER | 20.53 LB | $5.225 | $52.250 |
| 10425 | 8 | 6INX4FT INSIDE CORNER | 33.08 LB | $7.838 | $62.700 |
| 10427 | 4 | 4FT S/P OUTSIDE CORNER | 11.84 LB | $1.821 | $7.282 |
| 10426 | 20 | 4FT S/P FILLER ANGLE | 5.70 LB | $1.046 | $20.911 |
| 10326 | 4 | 3FT S/P FILLER ANGLE | 4.23 LB | $0.901 | $3.606 |
| 60058 | 2500 | WEDGE BOLT H-17 | 0.12 LB | $0.043 | $107.250 |
| 40300 | 58 | S/P RIGID SCAFFOLD BRKT | 14.54 LB | $5.550 | $321.871 |
| 40120 | 24 | TURNBUCKLE WITH BENT PLATE | 6.76 LB | $2.356 | $56.536 |
| 41400 | 24 | ATTACHMENT BRACE PLATE A-14 | 1.00 LB | $0.413 | $9.900 |
| 60318 | 140 | 1 PC WALER CLAMP 25 PCS PER CARTON | 1.89 LB | $0.851 | $119.196 |
| 40040 | 60 | J STRONGBACK HOOK 4X4 | 1.38 LB | $0.907 | $54.417 |

**S-2, S-7, & S-8 Monthly Rental Total** **$2,342.226**

### PURCHASE ONLY ITEMS

### HEAVY DUTY WIRE TIES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| F54114 | 300 | HVY 14" S-PANEL TIE USA 100/CT - 5600/SK | 0.31 LB | $1.365 | $409.500 |

**S-2, S-7, & S-8 Purchase Items Total** **$409.500**

### S-2, S-7, & S-8 Details

**Monthly Rental:** $2,342
**Monthly SQ/FT:** $1.5
**Rental MSRP:** $42,586
**Area SQ/FT:** 1,524.2
**Weight:** 10,911 LBS

## Bill of Materials (cont'd)

# Form Release

### PURCHASE ONLY ITEMS

### FORM RELEASES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| 146056 | 5 | SYMONS MAGIC KOTE PER GALLON (5G PAIL) | 7.93 LB | $14.469 | $72.345 |
| | | | | **Form Release Purchase Items Total** | **$72.345** |

**********

**Don’t forget that we are the leading single source provide or concrete accessories, concrete chemical, and concrete forming products. Including Loop Ties, Flat Ties and Form Release. Please contact your local Sales Rep for information on the full product line Symons/Dayton Superior has to offer.**

**********

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-2.**

**Description: The original desing on structrue S-2 called for 36" double headwall to be installed. Redisigns resulted in a modified structure type. An aircraft rated inlet was proposed. With the size of this structure being 8'x5' a cast in place approach would be needed. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 75 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 4,987.40 | | | | $ 4,987.40 |
| | Operator - Excavator | 12 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 769.53 | | | | $ 769.53 |
| | Laborer - Skilled | 255 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 13,796.01 | | | | $ 13,796.01 |
| | Laborer - Unskilled | 142 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 7,682.48 | | | | $ 7,682.48 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 12 | HR | $ 115.67 | | | E | | | $ 1,388.04 | | $ 1,388.04 |
| | Submersible Pump 20HP Power Unit | 432 | HR | $ 20.52 | | | E | | | $ 8,864.64 | | $ 8,864.64 |
| | Pickup F150 4x2 & 4x4 | 360 | HR | $ 26.76 | | | E | | | $ 9,633.60 | | $ 9,633.60 |
| **Materials** | Concrete 5500 PSI | 17 | YD3 | $ 168.00 | | | M | | $2,856.00 | | | $ 2,856.00 |
| | Fuel Surcharge | 3 | EA | $ 75.00 | | | M | | $225.00 | | | $ 225.00 |
| | Envir Fees | 3 | EA | $ 25.00 | | | M | | $75.00 | | | $ 75.00 |
| | Min Load | 3 | EA | $ 250.00 | | | M | | $750.00 | | | $ 750.00 |
| | Box Culvert Form | 500 | EA | $ 0.63 | | | M | | $315.00 | | | $ 315.00 |
| | Rebar Material - Kuhlman Direct | 6000 | LB | $ 1.12 | | | M | | $6,720.00 | | | $ 6,720.00 |
| | Rebar Accessories | 6000 | LB | $ 0.02 | | | M | | $120.00 | | | $ 120.00 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | USF 9151 Frame & Grate | 1 | EA | $ 4,672.13 | | | M | | $4,672.13 | | | $ 4,672.13 |
| | #57 Stone - Orlando Gravel and Sand | 15 | Ton | $ 75.00 | | | M | | $1,125.00 | | | $ 1,125.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 4 | Hr | $ 75.00 | | | S | | | | $ 300.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $27,540.09 | $17,133.13 | $19,886.28 | $300.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $27,540.09 |
| MATERIAL | $17,133.13 |
| MATERIAL TAX 6.5% | $1,113.65 |
| EQUIPMENT | $19,886.28 |
| SUBTOTAL | $65,673.15 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $7,880.78 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$73,553.93** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $300.00 |
| OH & P 10% on 1ST $25,000 | $30.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$330.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$73,883.93**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

## Quick menu

- Home
- About us
- Contact
- Blog

## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

Copyright 2022

PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No.1 INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-8)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-2) | 1.00 | EA | $81,499.73 | 861.29 | $33,765.97 | $20,586.24 | $18,104.96 | $9,042.56 | $81,499.73 |
| | | | | | | | | | | | 81,499.73 |
| | | **Subtotal** | | | | 861.29 | $33,765.97 | $20,586.24 | $18,104.96 | $9,042.56 | $81,499.73 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $4,051.92 | $2,470.35 | $2,172.60 | $723.40 | $9,418.27 |
| | | **Subtotal** | | | | | | | | | $90,918.00 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $90,918.00 | | | | | | $90,918.00 |

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 33,765.97 | $ 20,586.24 | $ 17,779.42 | $ 9,012.50 |
| **2.3% Deduction LABOR ONLY** | **$ 32,989.35** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 4,051.92 | $ 2,470.35 | $ 2,133.53 | $ 721.00 |
| **Subtotal** | $ 37,041.27 | $ 23,056.59 | $ 19,912.95 | $ 9,733.50 |
| **Total** | **$** | | | **89,744.31** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

# D-751-5.2 (Inlet Boxes, Special Large (Aircraft Rated) (Structure S-8))

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-2) | 1.00 | EA | $81,499.73 | 861.29 | $33,765.97 | $20,586.24 | $18,104.96 | $9,042.56 | $81,499.73 |
| | | | | | | | | | | | |
| | | | | | | | | | | | 81,499.73 |
| | | | | | | | | | | | |
| | | Subtotal | | | | 861.29 | $33,765.97 | $20,586.24 | $18,104.96 | $9,042.56 | $81,499.73 |
| | | Markup Percent | | | | | 12% | 12% | 12% | 8% | |
| | | Markup Total | | | | | $4,051.92 | $2,470.35 | $2,172.60 | $723.40 | $9,418.27 |
| | | Subtotal | | | | | | | | | $90,918.00 |
| | | Bond | | | | | | | | | |
| | | Total | 1.00 | EA | $90,918.00 | | | | | | $90,918.00 |

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-8)

CONCRETE TOTAL = 24 CY
REBAR TOTAL = 8,350 LBS

FORM TOTAL = 850 SF
Wall = 630 SF
Bottom = 60 SF
Top = 160 SF

Cast-in-Place Drainage Junction Boxes (Interior 5ft x 9.5ft), bottom slab 10'x14.5'x1.33', 8.5' Depth.

**Biditem**

**72**

## MANHOLES/JNCTION BOXES SPECIAL AIRCRAFT RATED S-8

Takeoff Qty: 1.000 EA

Bid Qty: 1.000 EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 23,778.86 | 9,987.11 | 33,765.97 | 20,586.24 | 18,005.96 | 99.00 | 9,042.56 | 0.00 | 0.00 | 0.00 | 81,499.73 |
| Total | 23,778.86 | 9,987.11 | 33,765.97 | 20,586.24 | 18,005.96 | 99.00 | 9,042.56 | 0.00 | 0.00 | 0.00 | 81,499.73 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 861.2900 | 0.0012 | 861.2900 | 94.6252 | 27.6084 | 39.2039 | 0.0016 |

**Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 24.00 Unit: YD3**

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 201.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 201.42 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 4,834.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,834.00 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 24.00 | YD3 | 168.00 | 106.250 | 178.50 | 4,284.00 |
| 2B1048 | Fuel Surcharge | 1.00 | 3.00 | LD | 75.00 | 100.000 | 75.00 | 225.00 |
| 2B1050 | Envir Fees | 1.00 | 3.00 | LD | 25.00 | 100.000 | 25.00 | 75.00 |
| 2B1052 | Min Load | 1.00 | 1.00 | LD | 250.00 | 100.000 | 250.00 | 250.00 |

**Activity: 10.03 Form Matl. Quantity: 850.00 Unit: FT2**

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 568.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 568.97 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 60.00 | FT2 | 0.63 | 106.250 | 0.67 | 40.16 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 630.00 | FT2 | 0.63 | 106.250 | 0.67 | 421.71 |
| 2BF305 | Box Culvert Top Form | 1.00 | 160.00 | FT2 | 0.63 | 106.250 | 0.67 | 107.10 |

**Activity: 10.04 Rebar Matl. Quantity: 8350.00 Unit: LB**

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 6,236.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~6,236.35~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constructi $5948.01

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 8,350.00 | LB | .6125 | ~~0.65~~ | 106.250 | 0.69 | ~~5,766.72~~ |
| 2B2007 | Rebar Accessories | 1.00 | 8,350.00 | LB | .025 | ~~0.02~~ | 106.250 | 0.02 | ~~177.44~~ |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.05 Unld / Handle Rebar Quantity: 8350.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 999.52 | 419.79 | 1,419.31 | 825.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,244.92 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2689 | 0.0010 | 1,000.0000 | 268.8527 | 0.8350 | 10,000.0000 | 0.0001 | 2,688.5269 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 41.7500 | 200.0000 | 0.0050 | 33.9954 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 8.35 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 8.35 | HR | 98.88 | 100.000 | 98.88 | 825.61 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 8.35 | MH | 36.30 | 110.000 | 56.70 | 473.45 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 33.40 | MH | 18.13 | 110.000 | 28.32 | 945.86 |

Activity: 10.07 USF 9151 Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D2FG | USF 9151 Frame & Grate | 1.00 | 1.00 | EA | 4,672.13 | 106.250 | 4,964.14 | 4,964.14 |

Activity: 10.08 Bedding Stone Quantity: 20.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 36.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 637.50 | 99.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~736.50~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constructi $719.30

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 20.00 | TON | 30.00 | 106.250 | 31.88 | 637.50 |
| 335110 | Misc Aggregate Haul | 1.00 | 20.00 | TON | ~~4.95~~ | 100.000 | 4.95 | ~~99.00~~ |

$4.09

Activity: 20.01 Excv. for Junction Box Quantity: 100.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 8.96 | 3.76 | 12.72 | 8.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.65 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 21.6475 | 0.0500 | 20.0000 | 432.9500 | 0.5000 | 200.0000 | 0.0050 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 3.3333 | 0.3000 | 42.3983 | 8.9574 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 20 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 500.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.79 | 0.75 | 2.54 | 1.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.33 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 4.3295 | 0.0100 | 100.0000 | 432.9500 | 0.5000 | 1,000.0000 | 0.0010 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 16.6667 | 0.0600 | 42.3983 | 1.7915 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 100 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 15.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 59.72 | 25.08 | 84.80 | 59.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 144.32 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 144.3167 | 0.3333 | 3.0000 | 432.9500 | 0.5000 | 30.0000 | 0.0333 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.5000 | 2.0000 | 42.3983 | 59.7160 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 3 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 850.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 19.51 | 8.19 | 27.70 | 14.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 42.53 |
| Total | 16,582.36 | 6,964.59 | 23,546.95 | 12,602.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 36,148.96 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 42.5282 | 0.0979 | 10.2143 | 434.3950 | 8.3217 | 102.1428 | 0.0098 | 4,343.9498 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 582.5200 | 1.4592 | 0.6853 | 40.4226 | 19.5087 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 10.2143 Eff: 100.00 Crew Hrs: 83.22 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes: Form; 4 shifts
Pour; 3 shift
Strip; 1 shift

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| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 83.22 | HR | 1.00 | 100.000 | 1.00 | 83.22 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 83.22 | HR | 6.50 | 100.000 | 6.50 | 540.93 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 83.22 | HR | 12.17 | 100.000 | 12.17 | 1,012.79 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 83.22 | HR | 13.89 | 100.000 | 13.89 | 1,155.93 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 83.22 | HR | 108.76 | 100.000 | 108.76 | 9,051.01 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 83.22 | HR | 9.11 | 100.000 | 9.11 | 758.13 |
| L10170 | FOREMAN | 1.00 | 83.22 | MH | 46.83 | 110.000 | 73.15 | 6,087.41 |
| L10240 | OPERATOR BACKHOE | 1.00 | 83.22 | MH | 25.70 | 110.000 | 40.14 | 3,340.73 |
| L10410 | LABORER-COMMON | 2.00 | 166.43 | MH | 18.13 | 110.000 | 28.32 | 4,713.14 |
| L10430 | CARPENTER | 3.00 | 249.65 | MH | 24.12 | 110.000 | 37.68 | 9,405.67 |

Activity: 30.02 Pump Concrete Quantity: 24.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 24.00 | YD3 | 30.00 | 106.250 | 31.88 | 765.00 |

Activity: 30.03 Point & Patch Quantity: 850.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.40 | 0.59 | 1.99 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 |
| Total | 1,189.58 | 499.62 | 1,689.20 | 279.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,968.42 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.3158 | 0.0143 | 70.0003 | 162.1059 | 1.2143 | 700.0033 | 0.0014 | 1,621.0594 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 36.4200 | 23.3388 | 0.0428 | 46.3811 | 1.3995 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70.0003 Eff: 100.00 Crew Hrs: 12.14 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 12.14 | HR | 13.89 | 100.000 | 13.89 | 168.62 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 12.14 | HR | 9.11 | 100.000 | 9.11 | 110.60 |
| L10190 | FOREMAN | 1.00 | 12.14 | MH | 46.83 | 110.000 | 73.15 | 888.02 |
| L10410 | LABORER-COMMON | 1.00 | 12.14 | MH | 18.13 | 110.000 | 28.32 | 343.80 |
| L10450 | CONC. FINISHER | 1.00 | 12.14 | MH | 24.12 | 110.000 | 37.68 | 457.38 |

Activity: 40.02 Install frame & grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |
| Total | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 486.4400 | 3.0000 | 0.3333 | 162.1467 | 0.3000 | 3.3333 | 0.3000 | 1,621.4667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 46.3822 | 293.9700 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN | 1.00 | 3.00 | MH | 46.83 | 110.000 | 73.15 | 219.45 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 8350.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction $6,262.50

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 8,350.00 | LBS | 0.75 | 100.000 | 0.75 | ~~6,292.56~~ |

Activity: 60.1 DEWATERING, SUBCONTRACT Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 446201 | Install Wellpoints, Storm | 1.00 | 1.00 | EA | 2,750.00 | 100.000 | 2,750.00 | 2,750.00 |

Activity: 60.2 WELPT / SOCK, PUMP OPER. PIP Quantity: 2.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 438.75 | 184.28 | 623.02 | 770.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,393.02 |
| Total | 877.49 | 368.55 | 1,246.04 | 1,540.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,786.04 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,393.0200 | 110.0000 | 0.0091 | 12.6638 | 22.0000 | 0.0909 | 11.0000 | 126.6382 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 44.0000 | 0.0455 | 22.0000 | 28.3191 | 438.7450 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1818 (Mod) PIPWRK;WELLP,OPER LONG TERM Prod: HU 110 Eff: 100.00 Crew Hrs: 220.00 Labor Pcs: 0.20 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821320 | (R) PUMP, WELLPOINT, 8" | 1.00 | 220.00 | HR | 7.00 | 100.000 | 7.00 | 1,540.00 |
| L10410 | LABORER-COMMON | 0.20 | 44.00 | MH | 18.13 | 110.000 | 28.32 | 1,246.04 |

Activity: 60.3 By Pass Pumping Quantity: 12.00 Unit: DY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 1,148.72 | 482.46 | 1,631.18 | 2,592.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,223.18 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9317 | 24.0000 | 0.0417 | 14.6638 | 28.8000 | 0.4167 | 2.4000 | 146.6382 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 57.6000 | 0.2083 | 4.8000 | 28.3191 | 95.7267 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 288.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 288.00 | HR | 7.00 | 100.000 | 7.00 | 2,016.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 288.00 | HR | 2.00 | 100.000 | 2.00 | 576.00 |
| L10410 | LABORER-COMMON | 0.20 | 57.60 | MH | 18.13 | 110.000 | 28.32 | 1,631.18 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

SYMONS BY DAYTON SUPERIOR

# Lease Agreement

## Bill of Materials

# S-2, S-7, & S-8

Equipment to form ALL 3 structures at one time.

### RENTAL ITEMS

### STEEL-PLY PANELS AND FILLERS

| Product Code | QTY | Description | Unit Wgt | Unit Rental | Item Total |
|---|---|---|---|---|---|
| 10825 | 4 | 6IN X 8FT INSIDE CORNER | 63.58 LB | $10.035 | $40.141 |
| 10826 | 6 | 8FT S/P FILLER ANGLE | 11.48 LB | $1.821 | $10.923 |
| 10524 | 54 | 24INX5FT S/P PANEL | 51.56 LB | $8.648 | $467.003 |
| 10520 | 32 | 20IN X 5FT S/P FILLER | 45.13 LB | $9.728 | $311.309 |
| 10518 | 4 | 18IN X 5FT S/P FILLER | 41.78 LB | $9.008 | $36.032 |
| 10512 | 10 | 12IN X 5FT S/P FILLER | 32.95 LB | $7.422 | $74.223 |
| 10506 | 10 | 6IN X 5FT S/P FILLER | 25.60 LB | $6.486 | $64.856 |
| 10525 | 4 | 6INX 5FT S/P INSIDE CORNER | 40.48 LB | $8.323 | $33.293 |
| 10527 | 16 | 5FT S/P OUTSIDE CORNER | 14.58 LB | $2.383 | $38.130 |
| 10526 | 12 | 5FT S/P FILLER ANGLE | 7.09 LB | $1.239 | $14.870 |
| 10424 | 50 | 24IN X 4FT S/P PANEL | 41.68 LB | $6.161 | $308.055 |
| 10420 | 8 | 20IN X 4FT S/P FILLER | 37.20 LB | $7.567 | $60.535 |
| 10418 | 8 | 18IN X 4FT S/P FILLER | 33.98 LB | $6.809 | $54.472 |
| 10412 | 2 | 12IN X 4FT S/P FILLER | 27.38 LB | $6.233 | $12.466 |
| 10406 | 10 | 6IN X 4FT S/P FILLER | 20.53 LB | $5.225 | $52.250 |
| 10425 | 8 | 6INX4FT INSIDE CORNER | 33.08 LB | $7.838 | $62.700 |
| 10427 | 4 | 4FT S/P OUTSIDE CORNER | 11.84 LB | $1.821 | $7.282 |
| 10426 | 20 | 4FT S/P FILLER ANGLE | 5.70 LB | $1.046 | $20.911 |
| 10326 | 4 | 3FT S/P FILLER ANGLE | 4.23 LB | $0.901 | $3.606 |
| 60058 | 2500 | WEDGE BOLT H-17 | 0.12 LB | $0.043 | $107.250 |
| 40300 | 58 | S/P RIGID SCAFFOLD BRKT | 14.54 LB | $5.550 | $321.871 |
| 40120 | 24 | TURNBUCKLE WITH BENT PLATE | 6.76 LB | $2.356 | $56.536 |
| 41400 | 24 | ATTACHMENT BRACE PLATE A-14 | 1.00 LB | $0.413 | $9.900 |
| 60318 | 140 | 1 PC WALER CLAMP 25 PCS PER CARTON | 1.89 LB | $0.851 | $119.196 |
| 40040 | 60 | J STRONGBACK HOOK 4X4 | 1.38 LB | $0.907 | $54.417 |

**S-2, S-7, & S-8 Monthly Rental Total** **$2,342.226**

### PURCHASE ONLY ITEMS

### HEAVY DUTY WIRE TIES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| F54114 | 300 | HVY 14" S-PANEL TIE USA 100/CT - 5600/SK | 0.31 LB | $1.365 | $409.500 |

**S-2, S-7, & S-8 Purchase Items Total** **$409.500**

### S-2, S-7, & S-8 Details

**Monthly Rental:** $2,342
**Monthly SQ/FT:** $1.5
**Rental MSRP:** $42,586
**Area SQ/FT:** 1,524.2
**Weight:** 10,911 LBS

## Bill of Materials (cont'd)

# Form Release

### PURCHASE ONLY ITEMS

### FORM RELEASES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| 146056 | 5 | SYMONS MAGIC KOTE PER GALLON (5G PAIL) | 7.93 LB | $14.469 | $72.345 |
| | | | | **Form Release Purchase Items Total** | **$72.345** |

**********

**Don’t forget that we are the leading single source provide or concrete accessories, concrete chemical, and concrete forming products. Including Loop Ties, Flat Ties and Form Release. Please contact your local Sales Rep for information on the full product line Symons/Dayton Superior has to offer.**

**********

*A Plus Dewatering Group, Inc*
*A Plus Sock Installation Specialists, LLC*
*321 OLEANDER WAY*
*CASSELBERRY, FL 32707*
*407-339-6700*

**DATE:** **JANUARY 17, 2024**
**ATTN:** **SERGIO FILHO**
**CONTRACTOR:** **HUBBARD CONSTRUCTION**
**JOB NAME:** **PROJECT 10499-GOAA BP 497**

*A PLUS SOCK INSTALLATION SPECIALISTS, LLC PROPOSES TO INSTALL DEWATERING SYSTEMS AS SPECIFIED BY THE CONTRACTOR FOR THE FOLLOWING UNIT PRICING:*

**WELLPOINT INSTALLATION:**

HAND-JETTED ON 6' CENTER AVG. $ 5.50 LF
3' CENTER AVG. $ 11.00 LF
1 ½' CENTER AVG $16.50 LF

* SUBJECT TO A $2750.00 MINIMUM DAILY MOBILIZATION CHARGE

THIS INCLUDES UP TO ONE WEEK RENTAL, WITH A DAILY RENTAL RATE OF $0.35 LF THEREAFTER FOR 6' CENTERS
$0.60 LF THEREAFTER FOR 3' CENTERS
$1.20 LF THEREAFTER FOR 1 ½' CENTERS

**__**DRILL RIG**__** CAN BE USED, IF NECESSARY, FOR AN ADD'L $900/INSTALL DAY AND A $1200 MOBILIZATION FEE EACH WAY

**WELLPOINT PUMPS:**

6" PUMP- $890.00 WK. PER PUMP
8" PUMP- $990.00 WK. PER PUMP
12" PUMP- 1190.00 WK. PER PUMP
**INCL. 6" SUCTION HOSE FOR ATTACHING PUMP TO WELLPOINT SYSTEM –
**note: If pump and/or discharge rental is continued for any period of time into a following week period, it __will__ be billed as a full week

* ADD'L $150.00 PER WK. SURCHARGE FOR SILENT PAK
* PRICE DOES NOT INCLUDE P/U AND DELIVERY OF $295.00 (EACH WAY)
* ADD AN ADD'L CHARGE OF $275.00 EA WAY IF A OUTSIDE HAULER OF A ROLLBACK IS NECESSARY TO OFFLOAD/LOAD PUMP DUE TO LACK OF CONTRACTOR EQUIPMENT TO DO SO

**pumps must be returned with at least as much fuel as when received, or you will be charged $8.50 gal to return to same fuel level

**WELLPOINT SAND:**

$ 650.00 PER PALLET

**DISCHARGE:**

6" $2.00 LF PER INITIAL WEEK PERIOD, WITH A WEEKLY RENTAL RATE OF $1.00 LF PER WEEK THEREAFTER
8" $3.00 LF PER INITIAL WEEK PERIOD, WITH A WEEKLY RENTAL RATE OF $1.50 LF PER WEEK THEREAFTER

***MISC. OPTIONs : (IN ADDITION TO NORMAL MINIMUM DAILY CHARGES)***

| | |
|---|---|
| *WATER TANK | ADD'L $600.00 PER DAY (*if requested by contractor and not used, will still be charged) |
| *3" SHELL PUNCH | ADD'L $400.00 PER DAY |
| *6" PUNCH | ADD'L $450.00 PER DAY |
| *EXTERNAL FUEL CELL | ADD'L $150.00 PER WEEK |
| *10 X 15 SEDIMENT BAGS | ADD'L $375.00 EA. |
| *FLOW METERS | ADD'L $150.00 WK. |
| *TURBIDITY METER RENTAL | ADD'L $500.00 WK |
| *ON-SITE TRAILER FOR PUMP | ADD'L $250.00 WK |

## CONTACT:

**John Ledig** **954-263-9120**
**Mike Hays Jr** **321-277-5249**
**Matt Suzin** **689-234-1561**

**ABOVE PROPOSAL SUBJECT TO OUR NORMAL TERMS AND CONDITIONS(ATTACHED)**
**** WE ACKNOWLEDGE WE ARE IN FULL COMPLIANCE WITH DAVIS BACON WAGE GUIDELINES**

*CONTRACTOR'S INITIALS* _____

# NORMAL TERMS AND CONDITIONS:

**CONTRACTORS RESPONSIBILITIES:**

1. LEVEL, CLEARED SITE
2. CLEAN ADEQUATE WATER SUPPLY FOR JETTING WELLPOINTS WITHIN 600 FEET ON A NON-OBSTRUCTED RUN (IF WELLPOINTING)
3. FUEL, FUELING AND CONTAINMENT OF PUMPS
4. ALL NECESSARY PERMITS AND CLEARANCES
5. LOADING AND UNLOADING OF PUMPS ( *allow up to 72 hours after call off to have pump picked up )
6. ANY DAMAGE DONE TO A-PLUS' EQUIPMENT DURING RENTAL PERIOD (EXCLUDING INSTALLATION)
7. DETERMINING IF GROUND CONDITIONS ARE CONDUCIVE TO SOCK AND/ OR WELLPOINTING
8. CONTRACTOR **MUST** CALL IN TO OFFICE TO DISCONTINUE WHEN THEY ARE FINISHED AND GET A DISCONTINUANCE NUMBER. CONTRACTOR MUST UNCOVER ALL EQUIPMENT THAT IS BURIED BEFORE PICKUP IS SCHEDULED. ADDITIONAL PICKUPS REQUIRE ADDITIONAL CHARGES TO THE CONTRACTOR. A PLUS REQUIRES A MINIMUM OF 72 HOURS TO SCHEDULE A PICKUP

**A PLUS DEWATERING, LLC RESPONSIBILITIES:**

1. PROVIDING EXPERIENCED SUPERVISOR AND CREW
2. PROVIDING EQUIPMENT AS REQUESTED PER UNIT PRICING
3. ALL NECESSARY JETTING EQUIPMENT, HOSE AND ADAPTERS, UP TO 600 LF
4. ANY DAMAGE DONE TO A-PLUS' EQUIPMENT DURING INSTALLATION AND REMOVAL PROCESS
5. PROVIDING ALL NECESSARY SAFETY EQUIPMENT FOR PERSONNEL
6. STANDARD CERTIFICATES OF INSURANCE WILL BE SUPPLIED AT NO ADDITIONAL CHARGE WITH 3 DAYS PRIOR NOTIFICATION. NON-STANDARD CERTIFICATES OF INSURANCE ARE NOT COVERED BY THIS PROPOSAL AND WILL BE BILLED TO THE CONTRACTOR BASED ON THE COST TO A-PLUS DEWATERING
7. A-PLUS WILL CARRY FOR THE FULL LENGTH OF THE JOB INSURANCE COVERAGE LIMITS OF $1 MIL LIABILITY, $1 MILL AUTOMOTIVE, STATUTORY LIMITS ON WORKER'S COMP

**NOTATIONS:**

1. QUOTE FOR WELLPOINTING IS BASED ON THE MATERIAL CONDITIONS BEING HAND-JETTABLE.(DEFINED AS PRODUCING A DEVELOPED WELLPOINT HOLE WITHIN SEVEN(7) MINUTES. SHOULD THE CONDITIONS PROHIBIT A PLUS FROM BEING ABLE TO HANDJET, A SECOND QUOTATION WILL BE REQUIRED. DAILY MINIMUM CHARGES WILL STILL APPLY
2. PUMPS ARE MACHINES. MACHINES BREAK. A-PLUS ABSOLUTELY RECOMMENDS BACK UP PUMPS IN ALL APPLICATIONS, AND CONTINUOUS AROUND THE CLOCK MONITORING. **UNDER NO CIRCUMSTANCES WILL A-PLUS BE RESPONSIBLE FOR CONTRACTOR DOWNTIME.** A-PLUS IS ALSO NOT RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE OR DELAYS OF ANY KIND DUE TO MECHANICAL FAILURES, GROUND OR SITE CONDITIONS, ACTS OF GOD, ETC.
3. A-PLUS WILL INSTALL DEWATERING SYSTEMS AS SPECIFIED AND DIRECTED BY THE CONTRACTOR. A-PLUS IS NOT RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGE CAUSED BY THE INSTALLATION, OPERATION OR REMOVAL, UNLESS THE DAMAGE IS CAUSED BY A-PLUS' NEGLIGENCE
4. PRICES ARE BASED ON NO MANDATED WAGE SCALES AND WITH INSTALLATION AND PICKUPS DURING NORMAL BUSINESS HOURS
5. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL NECESSARY SIGNS, BARRICADES AND FLAGMEN FOR TRAFFIC CONTROL (IF NECESSARY)
6. ANY EQUIPMENT THAT THE CONTRACTOR NEEDS TO CROSS OVER MUST BE TRENCHED AND COVERED BY A ROAD PLATE. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES, DIRECT AND INDIRECT, THAT MAY RESULT FROM THE EQUIPMENT SEPARATING OR BREAKING WHILE IN THE CONTRACTOR'S POSSESSION
7. **ANY AND ALL CREDITS MUST BE APPROVED IN WRITING BY MIKE HAYS (CELL 321-228-6614). SALES REPS ARE NOT AUTHORIZED TO OFFER OR APPROVE CREDITS**
8. **A-PLUS' MOBILIZATION TO THE JOB WILL CONSTITUTE ACCEPTANCE OF THIS PROPOSAL UNLESS CONTRACTOR CANCELS THE JOB BY 3:00 PM THE PREVIOUS DAY**
9. WHEN A-PLUS' PROPOSAL, TERMS, CONDITIONS AND SPECIFICATIONS DIFFER FROM THOSE SHOWN ON THE CUSTOMER'S PURCHASE ORDER, A PLUS' PROPOSAL SHALL TAKE PRECEDENCE OVER THE PURCHASE ORDER

# *PAYMENT TERMS:*

***NET 30 DAYS, NO RETAINAGE*, *1.5% PER MONTH, 18% ANNUALLY ON THE PAST DUE INVOICES.***

***CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL COSTS OF COLLECTIONS, INCLUDING, BUT NOT LIMITED TO ATTORNEY FEES.***

*ACCEPTED BY:* _____ *DATE:* _____

*REVISED 01/2024*

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-8.**

**Description: The original desing on structrue S-8 called for a 5' x 5'aircraft rated drainage inlet to be installed. Redisigns resulted in a structure thats size was increased to 5' x 9'6". With this size increase, the original intent to pre-cast this structure was no longer an option. A cast in place method was required to install this structure. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 84 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 5,585.88 | | | | $ 5,585.88 |
| | Operator - Excavator | 12 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 769.53 | | | | $ 769.53 |
| | Laborer - Skilled | 285 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 15,419.07 | | | | $ 15,419.07 |
| | Laborer - Unskilled | 160 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 8,656.32 | | | | $ 8,656.32 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 12 | HR | $ 115.67 | | | E | | | $ 1,388.04 | | $ 1,388.04 |
| | Submersible Pump 20HP Power Unit | 492 | HR | $ 20.52 | | | E | | | $ 10,095.84 | | $ 10,095.84 |
| | Pickup F150 4x2 & 4x4 | 400 | HR | $ 26.76 | | | E | | | $ 10,704.00 | | $ 10,704.00 |
| **Materials** | Concrete 5500 PSI | 24 | YD3 | $ 168.00 | | | M | | $4,032.00 | | | $ 4,032.00 |
| | Fuel Surcharge | 3 | EA | $ 75.00 | | | M | | $225.00 | | | $ 225.00 |
| | Envir Fees | 3 | EA | $ 25.00 | | | M | | $75.00 | | | $ 75.00 |
| | Min Load | 1 | EA | $ 250.00 | | | M | | $250.00 | | | $ 250.00 |
| | Box Culvert Form | 850 | EA | $ 0.63 | | | M | | $535.50 | | | $ 535.50 |
| | Rebar Material - Kuhlman Direct | 8,350 | LB | $ 1.12 | | | M | | $9,352.00 | | | $ 9,352.00 |
| | Rebar Accessories | 8350 | LB | $ 0.02 | | | M | | $167.00 | | | $ 167.00 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | USF 9151 Frame & Grate | 1 | EA | $ 4,672.13 | | | M | | $4,672.13 | | | $ 4,672.13 |
| | #57 Stone - Orlando Gravel and Sand | 20 | Ton | $ 75.00 | | | M | | $1,500.00 | | | $ 1,500.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 5 | Hr | $ 75.00 | | | S | | | | $ 375.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $30,735.47 | $21,083.63 | $22,187.88 | $375.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $30,735.47 |
| MATERIAL | $21,083.63 |
| MATERIAL TAX 6.5% | $1,370.44 |
| EQUIPMENT | $22,187.88 |
| SUBTOTAL | $75,377.42 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $9,045.29 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$84,422.71** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $375.00 |
| OH & P 10% on 1ST $25,000 | $37.50 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$412.50** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$84,835.21**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

## Quick menu

- Home
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## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

Copyright 2022

PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Bulling No.1 JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-12aa1)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-12aa1) | 1.00 | EA | $75,845.68 | 856.89 | $31,851.04 | $19,628.08 | $18,398.05 | $5,968.51 | $75,845.68 |
| | | | | | | | | | | | 75,845.68 |
| | | **Subtotal** | | | | 856.89 | $31,851.04 | $19,628.08 | $18,398.05 | $5,968.51 | $75,845.68 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $3,822.12 | $2,355.37 | $2,207.77 | $477.48 | $8,862.74 |
| | | **Subtotal** | | | | | | | | | $84,708.42 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $84,708.42 | | | | | | $84,708.42 |

Submitted price is for entire structure construction.

Contractor has been paid for this structure under original Add Alt 1 pay item 425-2-71 a sum of $46,934.57.

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 31,851.04 | $ 19,628.08 | $ 18,119.64 | $ 5,940.00 |
| **2.3% Deduction LABOR ONLY** | **$ 31,118.47** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 3,822.12 | $ 2,355.37 | $ 2,174.36 | $ 475.20 |
| **Subtotal** | $ 34,940.59 | $ 21,983.45 | $ 20,294.00 | $ 6,415.20 |
| **Total** | | **$** | | **83,633.24** |
| Unit Price Paid Previously | | $ | | 46,934.57 |
| **New Unit Price** | | **$** | | **36,698.67** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

## S-12AA1 _425-2-71 (Manhole/Junction Box. J-7, > 10', Modified Top))

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-12aa1) | 1.00 | EA | $75,845.68 | 856.89 | $31,851.04 | $19,628.08 | $18,398.05 | $5,968.51 | $75,845.68 |
| | | | | | | | | | | | |
| | | | | | | | | | | | 75,845.68 |
| | | **Subtotal** | | | | 856.89 | $31,851.04 | $19,628.08 | $18,398.05 | $5,968.51 | $75,845.68 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $3,822.12 | $2,355.37 | $2,207.77 | $477.48 | $8,862.74 |
| | | **Subtotal** | | | | | | | | | $84,708.42 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $84,708.42 | | | | | | $84,708.42 |

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-12AA1)

CONCRETE TOTAL = 23 CY
REBAR TOTAL = 7920 LBS

FORM TOTAL = 940 SF
Wall = 620 SF
Bottom = 60 SF
Top = 260 SF

Cast-in-Place Drainage Junction Boxes (Interior 12.5ft x 11ft), bottom slab 14.17'x12.83'x0.83', top slab 14.17'x12.83'x0.83', 7' Depth.

**Biditem**

# 70

## INLET BOXES, SPECIAL (AIRCRAFT RATED) (S-12aa1)

Takeoff Qty: 1.000 EA

Bid Qty: 1.000 EA

**Client #: D-751-5.2**

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 22,430.32 | 9,420.72 | 31,851.04 | 19,628.08 | 18,344.05 | 54.00 | 5,968.51 | 0.00 | 0.00 | 0.00 | 75,845.68 |
| Total | 22,430.32 | 9,420.72 | 31,851.04 | 19,628.08 | 18,344.05 | 54.00 | 5,968.51 | 0.00 | 0.00 | 0.00 | 75,845.68 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 856.8900 | 0.0012 | 856.8900 | 88.5127 | 26.1764 | 37.1705 | 0.0014 |

Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 23.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 224.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 224.15 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 5,155.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,155.50 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 23.00 | YD3 | 168.00 | 106.250 | 178.50 | 4,105.50 |
| 2B1048 | Fuel Surcharge | 1.00 | 3.00 | LD | 75.00 | 100.000 | 75.00 | 225.00 |
| 2B1050 | Envir Fees | 1.00 | 3.00 | LD | 25.00 | 100.000 | 25.00 | 75.00 |
| 2B1052 | Min Load | 1.00 | 3.00 | LD | 250.00 | 100.000 | 250.00 | 750.00 |

Activity: 10.03 Form Matl. Quantity: 940.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 1.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.56 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 1,470.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,470.73 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 60.00 | FT2 | 1.18 | 106.250 | 1.25 | 75.23 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 620.00 | FT2 | 1.18 | 106.250 | 1.25 | 777.33 |
| 2BF305 | Box Culvert Top Form | 1.00 | 260.00 | FT2 | 1.18 | 106.250 | 1.25 | 325.98 |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.04 Rebar Matl. Quantity: 7920.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 5,638.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~5,638.05~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

$5,364.56

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 7,920.00 | LB | ~~0.65~~ .6125 | 106.250 | 0.69 | ~~5,469.75~~ |
| 2B2007 | Rebar Accessories | 1.00 | 7,920.00 | LB | ~~0.02~~ .025 | 106.250 | 0.02 | ~~168.30~~ |

Activity: 10.05 Unld / Handle Rebar Quantity: 7920.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 948.04 | 398.17 | 1,346.21 | 783.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,129.30 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2689 | 0.0010 | 1,000.0000 | 268.8510 | 0.7920 | 10,000.0000 | 0.0001 | 2,688.5101 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 39.6000 | 200.0000 | 0.0050 | 33.9952 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 7.92 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 7.92 | HR | 98.88 | 100.000 | 98.88 | 783.09 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 7.92 | MH | 36.30 | 110.000 | 56.70 | 449.07 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 31.68 | MH | 18.13 | 110.000 | 28.32 | 897.14 |

Activity: 10.07 USF 9151 Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D2FG | USF 9151 Frame & Grate | 1.00 | 1.00 | EA | 4,672.13 | 106.250 | 4,964.14 | 4,964.14 |

Activity: 10.08 Bedding Stone Quantity: 12.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.50 | 0.00 | 0.00 | 0.00 | 0.00 | 36.38 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 382.50 | 54.00 | 0.00 | 0.00 | 0.00 | 0.00 | 436.50 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 12.00 | TON | 30.00 | 106.250 | 31.88 | 382.50 |
| 335110 | Misc Aggregate Haul | 1.00 | 12.00 | TON | 4.50 | 100.000 | 4.50 | ~~54.00~~ $4.09 |

Activity: 20.01 Excv. for Junction Box Quantity: 50.00 Unit: $49.08

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 16.51 | 6.93 | 23.44 | 17.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 41.30 |
| Total | 825.49 | 346.70 | 1,172.19 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,064.99 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 41.2998 | 0.1000 | 10.0000 | 412.9980 | 0.5000 | 100.0000 | 0.0100 | 4,129.9800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 1.6667 | 0.6000 | 39.0730 | 16.5098 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 10 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN PIPE | 1.00 | 5.00 | MH | 46.83 | 80.000 | 53.20 | 265.99 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 450.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.83 | 0.77 | 2.60 | 1.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.59 |
| Total | 825.49 | 346.70 | 1,172.19 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,064.99 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 4.5889 | 0.0111 | 90.0000 | 412.9980 | 0.5000 | 900.0000 | 0.0011 | 4,129.9800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 15.0000 | 0.0667 | 39.0730 | 1.8344 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 90 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN PIPE | 1.00 | 5.00 | MH | 46.83 | 80.000 | 53.20 | 265.99 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 10.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 82.55 | 34.67 | 117.22 | 89.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 206.50 |
| Total | 825.49 | 346.70 | 1,172.19 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,064.99 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 206.4990 | 0.5000 | 2.0000 | 412.9980 | 0.5000 | 20.0000 | 0.0500 | 4,129.9800 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.3333 | 3.0000 | 39.0730 | 82.5490 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 2 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN PIPE | 1.00 | 5.00 | MH | 46.83 | 80.000 | 53.20 | 265.99 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 940.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 17.73 | 7.45 | 25.18 | 14.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 39.68 |
| Total | 16,669.44 | 7,001.17 | 23,670.61 | 13,628.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 37,299.31 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 39.6801 | 0.0957 | 10.4444 | 414.4368 | 9.0000 | 104.4444 | 0.0096 | 4,144.3678 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 630.0000 | 1.4921 | 0.6702 | 37.5724 | 17.7334 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 10.4444 Eff: 100.00 Crew Hrs: 90.00 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes: Form; 4 shifts
Pour; 3 shifts
Strip; 2 shifts

.

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 90.00 | HR | 1.00 | 100.000 | 1.00 | 90.00 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 90.00 | HR | 6.50 | 100.000 | 6.50 | 585.00 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 90.00 | HR | 12.17 | 100.000 | 12.17 | 1,095.30 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 90.00 | HR | 13.89 | 100.000 | 13.89 | 1,250.10 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 90.00 | HR | 108.76 | 100.000 | 108.76 | 9,788.40 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 90.00 | HR | 9.11 | 100.000 | 9.11 | 819.90 |
| L10170 | FOREMAN | 1.00 | 90.00 | MH | 46.83 | 80.000 | 53.20 | 4,787.90 |
| L10240 | OPERATOR BACKHOE | 1.00 | 90.00 | MH | 25.70 | 110.000 | 40.14 | 3,612.91 |
| L10410 | LABORER-COMMON | 2.00 | 180.00 | MH | 18.13 | 110.000 | 28.32 | 5,097.43 |
| L10430 | CARPENTER | 3.00 | 270.00 | MH | 24.12 | 110.000 | 37.68 | 10,172.37 |

Activity: 30.02 Pump Concrete Quantity: 23.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 23.00 | YD3 | 30.00 | 106.250 | 31.88 | 733.13 |

Activity: 30.03 Point & Patch Quantity: 940.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.20 | 0.50 | 1.70 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.03 |
| Total | 1,127.29 | 473.47 | 1,600.76 | 308.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,909.65 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.0315 | 0.0143 | 69.9999 | 142.2077 | 1.3429 | 699.9985 | 0.0014 | 1,422.0768 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 40.2900 | 23.3309 | 0.0429 | 39.7310 | 1.1992 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70 Eff: 100.00 Crew Hrs: 13.43 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 13.43 | HR | 13.89 | 100.000 | 13.89 | 186.54 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 13.43 | HR | 9.11 | 100.000 | 9.11 | 122.35 |
| L10190 | CREW CHIEF | 1.00 | 13.43 | MH | 46.83 | 80.000 | 53.20 | 714.46 |
| L10410 | LABORER-COMMON | 1.00 | 13.43 | MH | 18.13 | 110.000 | 28.32 | 380.32 |
| L10450 | CONC. FINISHER | 1.00 | 13.43 | MH | 24.12 | 110.000 | 37.68 | 505.98 |

Activity: 40.02 Install frame & grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 251.82 | 105.76 | 357.58 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 426.58 |
| Total | 251.82 | 105.76 | 357.58 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 426.58 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 426.5800 | 3.0000 | 0.3333 | 142.1933 | 0.3000 | 3.3333 | 0.3000 | 1,421.9333 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 39.7311 | 251.8200 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN PIPE | 1.00 | 3.00 | MH | 46.83 | 80.000 | 53.20 | 159.59 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 7920.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction $5,940.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 7,920.00 | LBS | 0.75 | 100.000 | 0.75 | ~~5,968.51~~ |

Activity: 60.3 By Pass Pumping (Unreviewed) Quantity: 10.00 Unit: DAY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 957.26 | 402.05 | 1,359.31 | 2,160.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,519.31 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9310 | 24.0000 | 0.0417 | 14.6638 | 24.0000 | 0.4167 | 2.4000 | 146.6379 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 48.0000 | 0.2083 | 4.8000 | 28.3190 | 95.7260 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 240.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 240.00 | HR | 7.00 | 100.000 | 7.00 | 1,680.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 240.00 | HR | 2.00 | 100.000 | 2.00 | 480.00 |
| L10410 | LABORER-COMMON | 0.20 | 48.00 | MH | 18.13 | 110.000 | 28.32 | 1,359.31 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

# Quotation

**Quote # QUO-557024-H1J6Q2**

| | | | | | |
|---|---|---|---|---|---|
| **Date** | ( ) | **Account Name** | Hubbard Construction Company | **Reply-To** | |
| **Quote #** | QUO-557024-H1J6Q2 | **Contact Name** | Hubbard Construction Company | **Account Manager** | Dion Menendez |
| **Revision #** | 0 | **Contact Phone** | | **Address** | 840 WEST AVE, DELAND, FL 32720 |
| **Project Name** | GOAA BP-497 Taxiways G & H Rehab Ph 1 | **Contact Fax** | | **Phone** | 386-748-9992 |
| **Project #** | 755437 | **Contact Email** | | **Fax** | |
| **Project Address** | Orlando, FL 32827 | | | **Email** | Dion.Menendez@rinkerpipe.com |

**Rinker Materials' offer to sell the products described in this quotation is expressly conditioned upon Buyer's assent to the Rinker Materials' Standard Terms and Conditions ("Rinker Materials STCs") viewable at www.rinkerpipe.com. A valid tax exemption certificate must be issued to Rinker Materials or sales tax will be added.**

| Item # | Description | Part # | Quantity | Unit | Extended Unit Price | Unit Total |
|---|---|---|---|---|---|---|
| 10 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (00'-06' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 66" wall height<br>IDs: S-10 | PRECASTSTR | 1.00 | EA | $27,256.13 | $27,256.13 |
| 11 | ~~INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (00'-06' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 15 tons with 27" wall height<br>IDs: S-18~~ | PRECASTSTR | 1.00 | EA | ~~$21,752.13~~ | ~~$21,752.13~~ |
| 12 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (00'-06' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 20 tons with 52" wall height<br>IDs: S-24 | PRECASTSTR | 1.00 | EA | $25,272.13 | $25,272.13 |
| 13 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 23 tons with 77" wall height<br>IDs: S-5 | PRECASTSTR | 1.00 | EA | $28,952.13 | $28,952.13 |
| 14 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 72" wall height<br>IDs: S-6, S-11 | PRECASTSTR | 2.00 | EA | $29,388.13 | $58,776.26 |
| 15 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 80" wall height<br>IDs: S-8, S-9 | PRECASTSTR | 2.00 | EA | $29,252.13 | $58,504.26 |
| 16 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 23 tons with 72" wall height<br>IDs: S-16 | PRECASTSTR | 1.00 | EA | $30,776.13 | $30,776.13 |
| 17 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 21 tons with 60" wall height<br>IDs: S-17 | PRECASTSTR | 1.00 | EA | $29,416.13 | $29,416.13 |
| 18 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (08'-10' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 72" wall height<br>IDs: S-3 | PRECASTSTR | 1.00 | EA | $32,536.13 | $32,536.13 |
| 19 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (08'-10' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 23 tons with 72" wall height<br>IDs: S-12BB | PRECASTSTR | 1.00 | EA | $32,680.13 | $32,680.13 |
| 20 | JUNCTION BOX - 4' x 16' Storm Manhole (10" wall, 8" base, 8" top slab) (00'-06' deep)<br>With: USF 170-E RING & COVER<br>Notes: Heavy lift approx 17 tons<br>IDs: S-21 | PRECASTSTR | 1.00 | EA | $16,952.00 | $16,952.00 |
| 21 | FDOT Index 430-030 Endwall ~~30"~~ Double IDs S-1, S-2. Heavy Lift approx 11.6 tons<br>36" As per Dion on 6/16/23 | PRECASTSTR | 2.00 | EA | $9,280.00 | $18,560.00 |

**Bill of Materials (cont'd)**

# Taxiways Rehab (Structure S-12)

Equipment to form Structure S-12.

Includes:

1) Forms/Fillers
2) Inside & Outside Corners
3) Filler Angles
4) Wedge Bolts
5) 1 Pc. Waler Clamps (every panel/filler break)
6) Scaffold Brackets (every 6' o.c.)
7) Turnbuckles/Attachment Plates (every 8' o.c.)

Excludes: walkway planks, any lumber

## RENTAL ITEMS

### STEEL-PLY PANELS AND FILLERS

| Product Code | QTY | Description | Unit Wgt | Unit Rental | Item Total |
|---|---|---|---|---|---|
| 10524 | 36 | 24INX5FT S/P PANEL | 51.56 LB | $8.648 | $311.335 |
| 10518 | 4 | 18IN X 5FT S/P FILLER | 41.78 LB | $9.008 | $36.032 |
| 10516 | 8 | 16IN X 5FT S/P FILLER | 39.10 LB | $8.503 | $68.024 |
| 10512 | 4 | 12IN X 5FT S/P FILLER | 32.95 LB | $7.422 | $29.689 |
| 10506 | 4 | 6IN X 5FT S/P FILLER | 25.60 LB | $6.486 | $25.942 |
| 10525 | 4 | 6INX 5FT S/P INSIDE CORNER | 40.48 LB | $8.323 | $33.293 |
| 10527 | 4 | 5FT S/P OUTSIDE CORNER | 14.58 LB | $2.383 | $9.533 |
| 10526 | 4 | 5FT S/P FILLER ANGLE | 7.09 LB | $1.239 | $4.957 |
| 60058 | 1000 | WEDGE BOLT H-17 | 0.12 LB | $0.043 | $42.900 |
| 40300 | 12 | S/P RIGID SCAFFOLD BRKT | 14.54 LB | $5.550 | $66.594 |
| 40120 | 12 | TURNBUCKLE WITH BENT PLATE | 6.76 LB | $2.356 | $28.268 |
| 41400 | 12 | ATTACHMENT BRACE PLATE A-14 | 1.00 LB | $0.413 | $4.950 |
| 60318 | 48 | 1 PC WALER CLAMP 25 PCS PER CARTON | 1.89 LB | $0.851 | $40.867 |
| | | | | **Taxiways Rehab (Structure S-12) Monthly Rental Total** | **$702.383** |

## PURCHASE ONLY ITEMS

### HEAVY DUTY WIRE TIES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| F54114 | 300 | HVY 14" S-PANEL TIE USA 100/CT - 5600/SK | 0.31 LB | $1.365 | $409.500 |
| | | | | **Subtotal** | **$409.500** |

## ADD ONS

# Lease Agreement

## Bill of Materials (cont'd)

### Purchase Items

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| ENGINEERING | 1 | Form Layout & Drafting | N/A | $275.000 | $275.000 |
| | | | | **Subtotal** | **$275.000** |
| | | | | **Taxiways Rehab (Structure S-12) Purchase Items Total** | **$684.500** |

### Taxiways Rehab (Structure S-12) Details

**Monthly Rental:** $702
**Monthly SQ/FT:** $1.4
**Rental MSRP:** $12,771
**Area SQ/FT:** 493.6
**Weight:** 3,390 LBS

# Form Release

### PURCHASE ONLY ITEMS

### FORM RELEASES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| 146056 | 5 | SYMONS MAGIC KOTE PER GALLON (5G PAIL) | 7.93 LB | $14.469 | $72.345 |
| | | | | **Form Release Purchase Items Total** | **$72.345** |

**********

**Don’t forget that we are the leading single source provide or concrete accessories, concrete chemical, and concrete forming products. Including Loop Ties, Flat Ties and Form Release. Please contact your local Sales Rep for information on the full product line Symons/Dayton Superior has to offer.**

**********

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-12aa1.**

**Description: The original desing on structrue S-12aa1 called for a pre-cast structure to be installed. Redisigns modified the top section of this structure. With redisigns happening concurrently with construction, a cast in place method was required. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 80 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 5,319.89 | | | | $ 5,319.89 |
| | Operator - Excavator | 12 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 769.53 | | | | $ 769.53 |
| | Laborer - Skilled | 272 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 14,715.74 | | | | $ 14,715.74 |
| | Laborer - Unskilled | 152 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 8,223.50 | | | | $ 8,223.50 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 12 | HR | $ 115.67 | | | E | | | $ 1,388.04 | | $ 1,388.04 |
| | Submersible Pump 20HP Power Unit | 492 | HR | $ 20.52 | | | E | | | $ 10,095.84 | | $ 10,095.84 |
| | Pickup F150 4x2 & 4x4 | 380 | HR | $ 26.76 | | | E | | | $ 10,168.80 | | $ 10,168.80 |
| **Materials** | Concrete 5500 PSI | 23 | YD3 | $ 168.00 | | | M | | $3,864.00 | | | $ 3,864.00 |
| | Fuel Surcharge | 3 | EA | $ 75.00 | | | M | | $225.00 | | | $ 225.00 |
| | Envir Fees | 3 | EA | $ 25.00 | | | M | | $75.00 | | | $ 75.00 |
| | Min Load | 3 | EA | $ 250.00 | | | M | | $750.00 | | | $ 750.00 |
| | Box Culvert Form | 940 | EA | $ 0.63 | | | M | | $592.20 | | | $ 592.20 |
| | Rebar Material - Kuhlman Direct | 7920 | LB | $ 1.12 | | | M | | $8,870.40 | | | $ 8,870.40 |
| | Rebar Accessories | 7920 | LB | $ 0.02 | | | M | | $158.40 | | | $ 158.40 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | USF 9151 Frame & Grate | 1 | EA | $ 4,672.13 | | | M | | $4,672.13 | | | $ 4,672.13 |
| | #57 Stone - Orlado Gravel and Sand | 15 | Ton | $ 30.00 | | | M | | $450.00 | | | $ 450.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 3 | Hr | $ 75.00 | | | | | | | $ 225.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $29,333.34 | $19,932.13 | $21,652.68 | $225.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $29,333.34 |
| MATERIAL | $19,932.13 |
| MATERIAL TAX 6.5% | $1,295.59 |
| EQUIPMENT | $21,652.68 |
| SUBTOTAL | $72,213.74 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $8,665.65 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$80,879.38** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $225.00 |
| OH & P 10% on 1ST $25,000 | $22.50 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$247.50** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$81,126.88**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

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## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

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PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No. 1 - TYPE E DITCH BOTTOM INLET S-13bb**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE E DITCH BOTTOM INLET S-13bb | 1.00 | EA | $9,665.08 | 42.50 | $1,844.32 | $1,004.71 | $4,316.05 | $2,500.00 | $9,665.08 |
| | | | | | | | | | | | 9,665.08 |
| | | **Subtotal** | | | | 42.50 | $1,844.32 | $1,004.71 | $4,316.05 | $2,500.00 | $9,665.08 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $221.32 | $120.57 | $517.93 | $200.00 | $1,059.81 |
| | | **Subtotal** | | | | | | | | | $10,724.89 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $10,724.89 | | | | | | $10,724.89 |

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 1,844.32 | $ 1,004.71 | $ 4,051.81 | $ - |
| **2.3% Deduction LABOR ONLY** | **$ 1,801.90** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 221.32 | $ 120.57 | $ 486.22 | $ - |
| **Subtotal** | $ 2,023.22 | $ 1,125.28 | $ 4,538.03 | $ - |
| **Total** | **$** | | | **7,686.52** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TYPE E DITCH BOTTOM INLET S-13bb | 1.00 | EA | $9,665.08 | 42.50 | $1,844.32 | $1,004.71 | $4,316.05 | $2,500.00 | $9,665.08 |
| | | | | | | | | | | | 9,665.08 |
| | | Subtotal | | | | 42.50 | $1,844.32 | $1,004.71 | $4,316.05 | $2,500.00 | $9,665.08 |
| | | Markup Percent | | | | | 12% | 12% | 12% | 8% | |
| | | Markup Total | | | | | $221.32 | $120.57 | $517.93 | $200.00 | $1,059.81 |
| | | Subtotal | | | | | | | | | $10,724.89 |
| | | Bond | | | | | | | | | |
| | | Total | 1.00 | EA | $10,724.89 | | | | | | $10,724.89 |

**Biditem**

# 73

## TYPE E DITCH BOTTOM INLET S-13bb

Takeoff Qty: 1.000 EA

Bid Qty: 1.000 EA

$7,447.33

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1,298.83 | 545.49 | 1,844.32 | 1,004.71 | 4,296.25 | 19.80 | 2,500.00 | 0.00 | 0.00 | 0.00 | 9,665.08 |
| Total | 1,298.83 | 545.49 | 1,844.32 | 1,004.71 | 4,296.25 | 19.80 | 2,500.00 | 0.00 | 0.00 | 0.00 | 9,665.08 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 42.5000 | 0.0235 | 42.5000 | 227.4136 | 30.5607 | 43.3958 | 0.1081 |

Activity: 31102 TYPE E <10' SUPPLIED Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D6E<10 | Type E, DB Inlet, <10' | 1.00 | 1.00 | EA | 3,500.00 | 106.250 | 3,718.75 | 3,718.75 |

$3,251.30

Activity: 31210.1 MISC MATERIALS Quantity: 1.00 Unit: EA

$3,454.51

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D10-E-DBI | Misc - E - D.B. Inlet | 1.00 | 1.00 | EA | 450.00 | 100.000 | 450.00 | 450.00 |

Activity: 31210.2 Unload/Stkple/Tram Structure Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 11.14 | 4.67 | 15.81 | 19.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 35.72 |
| Total | 11.14 | 4.67 | 15.81 | 19.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 35.72 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 35.7200 | 0.2500 | 4.0000 | 142.8800 | 0.0250 | 40.0000 | 0.0250 | 1,428.8000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 0.5000 | 2.0000 | 0.5000 | 31.6200 | 11.1400 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3584 PIPWRK;UTIL,UNLOAD/STRING Prod: HU 0.25 Eff: 100.00 Crew Hrs: 0.25 Labor Pcs: 2.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 822507 | LOADER 3-1/2CY CAT | 1.00 | 0.25 | HR | 79.63 | 100.000 | 79.64 | 19.91 |
| L10320 | OPERATOR LOADER | 1.00 | 0.25 | MH | 22.36 | 110.000 | 34.92 | 8.73 |
| L10410 | LABORER-COMMON | 1.00 | 0.25 | MH | 18.13 | 110.000 | 28.32 | 7.08 |

Activity: 31210.3 Set "E" DBI <10' Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2,164.7500 | 5.0000 | 0.2000 | 432.9500 | 0.5000 | 2.0000 | 0.5000 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.0333 | 30.0000 | 42.3983 | 895.7400 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: HU 5 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 31210.4 TRIM & FINISH DRAIN INLET/MH Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 391.95 | 164.61 | 556.56 | 92.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 648.56 |
| Total | 391.95 | 164.61 | 556.56 | 92.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 648.56 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 648.5600 | 4.0000 | 0.2500 | 162.1400 | 0.4000 | 2.5000 | 0.4000 | 1,621.4000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 12.0000 | 0.0833 | 12.0000 | 46.3800 | 391.9500 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 4 Eff: 100.00 Crew Hrs: 4.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 4.00 | HR | 13.89 | 100.000 | 13.89 | 55.56 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 4.00 | HR | 9.11 | 100.000 | 9.11 | 36.44 |
| L10173 | FOREMAN | 1.00 | 4.00 | MH | 46.83 | 110.000 | 73.15 | 292.59 |
| L10410 | LABORER-COMMON | 1.00 | 4.00 | MH | 18.13 | 110.000 | 28.32 | 113.27 |
| L10450 | CONC. FINISHER | 1.00 | 4.00 | MH | 24.12 | 110.000 | 37.68 | 150.70 |

Activity: 31210.5 Inlet Apron Paving Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Remove and pay under existing Base Bid pay item 0524-1-4. 507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| ~~441002~~ | ~~Inlet Apron Paving~~ | ~~1.00~~ | ~~1.00~~ | ~~EA~~ | ~~2,500.00~~ | ~~100.000~~ | ~~2,500.00~~ | ~~2,500.00~~ |

Activity: 31210.6 Bedding Stone Quantity: 4.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 36.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 127.50 | 19.80 | 0.00 | 0.00 | 0.00 | 0.00 | 147.30 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 4.00 | TON | 30.00 | 106.250 | 31.88 | 127.50 |
| 335110 | Misc Aggregate Haul | 1.00 | 4.00 | TON | 4.95 | 100.000 | 4.95 | 19.80 |

# Quotation

| Quote # QUO-664635-X4M6H7 | | | | | |
|---|---|---|---|---|---|
| **Date** | 05/22/2024 | **Account Name** | Hubbard Construction Company | **Reply-To** | |
| **Quote #** | QUO-664635-X4M6H7 | **Contact Name** | | **Account Manager** | Dion Menendez |
| **Revision #** | 0 | **Contact Phone** | | **Address** | 840 WEST AVE, DELAND, FL 32720 |
| **Project Name** | *HPP* GOAA BP-497 Taxiways G & H Rehab Ph 1 | **Contact Fax** | | **Phone** | 386-748-9992 |
| **Project #** | 755437 | **Contact Email** | | **Fax** | |
| **Project Address** | Orlando, FL 32827 | | | **Email** | Dion.Menendez@rinkerpipe.com |

**Rinker Materials' offer to sell the products described in this quotation is expressly conditioned upon Buyer's assent to the Rinker Materials' Standard Terms and Conditions ("Rinker Materials STCs") viewable at www.rinkerpipe.com. A valid tax exemption certificate must be issued to Rinker Materials or sales tax will be added.**

## Storm

| Description | Quantity | Unit | Extended Unit Price | Unit Total |
|---|---|---|---|---|
| INLET - 3' x 4.5' E Inlet (6" wall, 6" base) (00'-06' deep)<br>With: EYEBOLTS & CHAINS, USF 6616-GLV "E" STLGLVH20 GRT<br>IDs: S13bb | 1.00 | EA | $3,251.30 | $3,251.30 |
| | | | **Storm Total** | **3,251.30** |

| | | |
|---|---|---|
| | **Total** | $3,251.30 |
| (Tax not included) | **Net Total** | $3,251.30 |

**Standard Notes**

1.DELIVERY:
This quote is based on full truckload quantities. Less than full truckloads will be subject to additional delivery charges.
Special products are not eligible to return. No refunds will be issued for specialty product released to production.

2.PRICING:
Pricing remains valid for 180 days after order confirmation is sent. All orders not released to production or shipped after 180 days will be subject to a quarterly 2.5% escalation fee.
If, through no fault of Rinker Materials, product cannot be accepted or delivered within 30 days of production or a mutually agreed upon delivery schedule, a storage fee will be charged. Storage fees will be 10% of the total product value, charged monthly, and must be paid prior to shipment.

3.JOB SPECIFIC:
Rinker Materials has not evaluated the performance of any additives, liners, or coatings. It is included on our quotation as required by the project specifications. Rinker Materials does not accept any liability for the performance of these products. The method of installation, application or dosage rate will be as in accordance with the manufacturer's guidance.
Ramnek is available for storm & sanitary structures at $210/box quantity as required.
Grade rings are available; please contact your local Account Manager for the price.
Sanitary manhole precast Inverts available for 48" Manholes @ $300 each, 60" Manholes at $400 each; with a maximum pipe size of 16".

2.Valid for 30 days from the date of quotation.

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install Structure S-13bb.**

**Description: Design changes resulting in Structure S-13bb being proposed in Bulletin #2 where it did not exist in the original contract. This addition requires the contractor to supply a pre cast structure, excavate for and place it.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 12 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 797.98 | | | | $ 797.98 |
| | Operator - Excavator | 8 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 513.02 | | | | $ 513.02 |
| | Laborer - Skilled | 28 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 1,514.86 | | | | $ 1,514.86 |
| | Laborer - Unskilled | 14 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 757.43 | | | | $ 757.43 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 8 | HR | $ 115.67 | | | E | | | $ 925.36 | | $ 925.36 |
| | Submersible Pump 20HP Power Unit | 72 | HR | $ 20.52 | | | E | | | $ 1,477.44 | | $ 1,477.44 |
| | Pickup F150 4x2 & 4x4 | 24 | HR | $ 26.76 | | | E | | | $ 642.24 | | $ 642.24 |
| **Materials** | Type E DB Inlet, <10' | 1 | EA | $ 3,500.00 | | | M | | $3,500.00 | | | $ 3,500.00 |
| | Type E DB Inlet Grate | 1 | EA | $ 450.00 | | | M | | $450.00 | | | $ 450.00 |
| | #57 Stone - Orlando Gravel and Sand | 4 | Ton | $ 75.00 | | | M | | $300.00 | | | $ 300.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 2 | Hr | $ 75.00 | | | S | | | | $ 150.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $3,887.96 | $4,250.00 | $3,045.04 | $150.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $3,887.96 |
| MATERIAL | $4,250.00 |
| MATERIAL TAX 6.5% | $276.25 |
| EQUIPMENT | $3,045.04 |
| SUBTOTAL | $11,459.25 |
| OH & P 15% < $25,000 | $1,718.89 |
| OH & P 12% $25,001 TO $500,00 | $0.00 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$13,178.14** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $150.00 |
| OH & P 10% on 1ST $25,000 | $15.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$165.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$13,343.14**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

## Quick menu

- Home
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## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

Copyright 2022

PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No.1 JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-14)**

| Biditem | Client | Description | Quantity | Units | Total Bid | Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-14) | 1.00 | EA | | $142,485.96 | 1,427.33 | $55,413.85 | $33,844.94 | $35,073.59 | $18,153.58 | $142,485.96 |
| | | | | | | | | | | | | 142,485.96 |
| | | Subtotal | | | | | 1,427.33 | $55,413.85 | $33,844.94 | $35,073.59 | $18,153.58 | $142,485.96 |
| | | Markup Percent | | | | | | 12% | 12% | 12% | 8% | |
| | | Markup Total | | | | | | $6,649.66 | $4,061.39 | $4,208.83 | $1,452.29 | $16,372.17 |
| | | Subtotal | | | | | | | | | | $158,858.13 |
| | | Bond | | | | | | | | | | |
| | | Total | 1.00 | EA | | $158,858.13 | | | | | | $158,858.13 |

Submitted price is for entire structure construction.

Contractor has been paid for this structure under original Add Alt 2 pay item D-751-5.1 a sum of $39,332.19.

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | Labor | Equipment | Materials | Sub |
| Proposed Value | $ 55,413.85 | $ 33,844.94 | $ 34,347.13 | $ 18,080.00 |
| 2.3% Deduction LABOR ONLY | $ 54,139.33 | | | |
| Markup % | 0.12 | 0.12 | 0.12 | 0.08 |
| Markup Total | $ 6,649.66 | $ 4,061.39 | $ 4,121.66 | $ 1,446.40 |
| Subtotal | $ 60,788.99 | $ 37,906.33 | $ 38,468.79 | $ 19,526.40 |
| Total | | $ | | 156,690.51 |
| Unit Price Paid Previously | | $ | | 39,332.19 |
| New Unit Price | | $ | | 117,358.32 |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

# S-14 _ D-751-5.2 (Manhole/Junction Box, Special (Aircraft Rated))

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-14) | 1.00 | EA | $142,485.96 | 1,427.33 | $55,413.85 | $33,844.94 | $35,073.59 | $18,153.58 | $142,485.96 |
| | | | | | | | | | | | 142,485.96 |
| | | Subtotal | | | | 1,427.33 | $55,413.85 | $33,844.94 | $35,073.59 | $18,153.58 | $142,485.96 |
| | | Markup Percent | | | | | 12% | 12% | 12% | 8% | |
| | | Markup Total | | | | | $6,649.66 | $4,061.39 | $4,208.83 | $1,452.29 | $16,372.17 |
| | | Subtotal | | | | | | | | | $158,858.13 |
| | | Bond | | | | | | | | | |
| | | Total | 1.00 | EA | $158,858.13 | | | | | | $158,858.13 |

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-14) ESI No.4

CONCRETE TOTAL = 59 CY
REBAR TOTAL = 20,440 LBS

FORM TOTAL = 1,450 SF
Wall = 860 SF
Bottom = 470 SF
Top = 120 SF

Cast-in-Place Drainage Junction Boxes (Interior 15ft x 15ft), bottom slab 20'x20'x1.33', 6' Depth.

**Biditem**

# 80

## MANHOLES/JNCTION BOXES SPECIAL AIRCRAFT RATED S-14

Takeoff Qty: 1.000 EA

Bid Qty: 1.000 EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 39,023.84 | 16,390.01 | 55,413.85 | 33,844.94 | 34,954.79 | 118.80 | 18,153.58 | 0.00 | 0.00 | 0.00 | 142,485.96 |
| Total | 39,023.84 | 16,390.01 | 55,413.85 | 33,844.94 | 34,954.79 | 118.80 | 18,153.58 | 0.00 | 0.00 | 0.00 | 142,485.96 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 1,427.3300 | 0.0007 | 1,427.3300 | 99.8269 | 27.3404 | 38.8234 | 0.0009 |

Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 59.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 195.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 195.45 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 11,531.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11,531.50 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 59.00 | YD3 | 168.00 | 106.250 | 178.50 | 10,531.50 |
| 2B1048 | Fuel Surcharge | 1.00 | 5.00 | LD | 75.00 | 100.000 | 75.00 | 375.00 |
| 2B1050 | Envir Fees | 1.00 | 5.00 | LD | 25.00 | 100.000 | 25.00 | 125.00 |
| 2B1052 | Min Load | 1.00 | 2.00 | LD | 250.00 | 100.000 | 250.00 | 500.00 |

Activity: 10.03 Form Matl. Quantity: 1450.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 970.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 970.60 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 120.00 | FT2 | 0.63 | 106.250 | 0.67 | 80.33 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 860.00 | FT2 | 0.63 | 106.250 | 0.67 | 575.66 |
| 2BF305 | Box Culvert Top Form | 1.00 | 470.00 | FT2 | 0.63 | 106.250 | 0.67 | 314.61 |

Activity: 10.04 Rebar Matl. Quantity: 20440.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 14,842.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~14,842.92~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construct $14,137.10

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 20,440.00 | LB | .6125 | ~~0.65~~ | 106.250 | 0.69 | ~~14,116.38~~ |
| 2B2007 | Rebar Accessories | 1.00 | 20,440.00 | LB | .025 | ~~0.02~~ | 106.250 | 0.02 | ~~434.35~~ |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.05 Unld / Handle Rebar Quantity: 20440.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 2,446.71 | 1,027.62 | 3,474.33 | 2,021.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,495.34 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2689 | 0.0010 | 1,000.0000 | 268.8523 | 2.0440 | 10,000.0000 | 0.0001 | 2,688.5225 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 102.2000 | 200.0000 | 0.0050 | 33.9954 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 20.44 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 20.44 | HR | 98.88 | 100.000 | 98.88 | 2,021.01 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 20.44 | MH | 36.30 | 110.000 | 56.70 | 1,158.96 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 81.76 | MH | 18.13 | 110.000 | 28.32 | 2,315.37 |

Activity: 10.07 USF 9151 Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D2FG | USF 9151 Frame & Grate | 1.00 | 1.00 | EA | 4,672.13 | 106.250 | 4,964.14 | 4,964.14 |

Activity: 10.08 Bedding Stone Quantity: 24.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 36.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 765.00 | 118.80 | 0.00 | 0.00 | 0.00 | 0.00 | ~~883.80~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construc $863.16

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 24.00 | TON | 30.00 | 106.250 | 31.88 | 765.00 |
| 335110 | Misc Aggregate Haul | 1.00 | 24.00 | TON | $4.09 ~~4.95~~ | 100.000 | 4.95 | ~~118.80~~ |

Activity: 20.01 Excv. for Junction Box Quantity: 75.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 11.94 | 5.02 | 16.96 | 11.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.86 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 28.8633 | 0.0667 | 15.0000 | 432.9500 | 0.5000 | 150.0000 | 0.0067 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 2.5000 | 0.4000 | 42.3983 | 11.9432 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 15 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 625.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.43 | 0.60 | 2.04 | 1.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 3.4636 | 0.0080 | 125.0000 | 432.9500 | 0.5000 | 1,250.0000 | 0.0008 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 20.8333 | 0.0480 | 42.3983 | 1.4332 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 125 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 15.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 59.72 | 25.08 | 84.80 | 59.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 144.32 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 144.3167 | 0.3333 | 3.0000 | 432.9500 | 0.5000 | 30.0000 | 0.0333 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.5000 | 2.0000 | 42.3983 | 59.7160 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 3 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 1450.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 19.24 | 8.08 | 27.32 | 14.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 41.94 |
| Total | 27,897.10 | 11,716.78 | 39,613.88 | 21,200.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 60,814.08 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 41.9407 | 0.0966 | 10.3571 | 434.3863 | 14.0000 | 103.5714 | 0.0097 | 4,343.8629 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 980.0000 | 1.4796 | 0.6759 | 40.4223 | 19.2394 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 10.3571 Eff: 100.00 Crew Hrs: 140.00 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes: Form; 6 shifts
Pour; 5 shift
Strip; 3 shift

.

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 140.00 | HR | 1.00 | 100.000 | 1.00 | 140.00 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 140.00 | HR | 6.50 | 100.000 | 6.50 | 910.00 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 140.00 | HR | 12.17 | 100.000 | 12.17 | 1,703.80 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 140.00 | HR | 13.89 | 100.000 | 13.89 | 1,944.60 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 140.00 | HR | 108.76 | 100.000 | 108.76 | 15,226.40 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 140.00 | HR | 9.11 | 100.000 | 9.11 | 1,275.40 |
| L10170 | FOREMAN | 1.00 | 140.00 | MH | 46.83 | 110.000 | 73.15 | 10,240.78 |
| L10240 | OPERATOR BACKHOE | 1.00 | 140.00 | MH | 25.70 | 110.000 | 40.14 | 5,620.08 |
| L10410 | LABORER-COMMON | 2.00 | 280.00 | MH | 18.13 | 110.000 | 28.32 | 7,929.34 |
| L10430 | CARPENTER | 3.00 | 420.00 | MH | 24.12 | 110.000 | 37.68 | 15,823.68 |

Activity: 30.02 Pump Concrete Quantity: 59.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 59.00 | YD3 | 30.00 | 106.250 | 31.88 | 1,880.63 |

Activity: 30.03 Point & Patch Quantity: 1450.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.40 | 0.59 | 1.99 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 |
| Total | 2,029.33 | 852.32 | 2,881.65 | 476.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,357.98 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.3158 | 0.0143 | 70.0000 | 162.1093 | 2.0714 | 699.9995 | 0.0014 | 1,621.0927 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 62.1300 | 23.3382 | 0.0428 | 46.3810 | 1.3995 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70 Eff: 100.00 Crew Hrs: 20.71 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 20.71 | HR | 13.89 | 100.000 | 13.89 | 287.66 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 20.71 | HR | 9.11 | 100.000 | 9.11 | 188.67 |
| L10190 | FOREMAN | 1.00 | 20.71 | MH | 46.83 | 110.000 | 73.15 | 1,514.90 |
| L10410 | LABORER-COMMON | 1.00 | 20.71 | MH | 18.13 | 110.000 | 28.32 | 586.49 |
| L10450 | CONC. FINISHER | 1.00 | 20.71 | MH | 24.12 | 110.000 | 37.68 | 780.26 |

Activity: 40.02 Install frame & grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |
| Total | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 486.4400 | 3.0000 | 0.3333 | 162.1467 | 0.3000 | 3.3333 | 0.3000 | 1,621.4667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 46.3822 | 293.9700 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN | 1.00 | 3.00 | MH | 46.83 | 110.000 | 73.15 | 219.45 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 20440.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constructi $15,330.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 20,440.00 | LBS | 0.75 | 100.000 | 0.75 | ~~15,403.58~~ |

Activity: 60.1 DEWATERING, SUBCONTRACT Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 446201 | Install Wellpoints, Storm | 1.00 | 1.00 | EA | 2,750.00 | 100.000 | 2,750.00 | 2,750.00 |

Activity: 60.2 WELPT / SOCK, PUMP OPER. PIP Quantity: 4.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 438.75 | 184.27 | 623.02 | 770.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,393.02 |
| Total | 1,754.98 | 737.09 | 2,492.07 | 3,080.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,572.07 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,393.0175 | 110.0000 | 0.0091 | 12.6638 | 44.0000 | 0.0909 | 11.0000 | 126.6380 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 88.0000 | 0.0455 | 22.0000 | 28.3190 | 438.7450 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1818 (Mod) PIPWRK;WELLP,OPER LONG TERM Prod: HU 110 Eff: 100.00 Crew Hrs: 440.00 Labor Pcs: 0.20 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821320 | (R) PUMP, WELLPOINT, 8" | 1.00 | 440.00 | HR | 7.00 | 100.000 | 7.00 | 3,080.00 |
| L10410 | LABORER-COMMON | 0.20 | 88.00 | MH | 18.13 | 110.000 | 28.32 | 2,492.07 |

Activity: 60.3 By Pass Pumping Quantity: 20.00 Unit: DY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 1,914.53 | 804.10 | 2,718.63 | 4,320.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7,038.63 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9315 | 24.0000 | 0.0417 | 14.6638 | 48.0000 | 0.4167 | 2.4000 | 146.6381 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 96.0000 | 0.2083 | 4.8000 | 28.3191 | 95.7265 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 480.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 480.00 | HR | 7.00 | 100.000 | 7.00 | 3,360.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 480.00 | HR | 2.00 | 100.000 | 2.00 | 960.00 |
| L10410 | LABORER-COMMON | 0.20 | 96.00 | MH | 18.13 | 110.000 | 28.32 | 2,718.63 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

**Bill of Materials**

# Taxiways Rehab (Structure S-14)

Equipment to form Structure S-14.

Includes:

1) Forms/Fillers
2) Inside/Outside Corners
3) Filler Angles
4) Wedge Bolts
5) 1 Pc. Waler Clamps (every panel/filler break)
6) Scaffold Brackets (every 6' o.c.)
7) Turnbuckles/Attachment Plates (every 8' o.c.)
8) 14" HD Ties

Excludes: walkway planks

**RENTAL ITEMS**

**STEEL-PLY PANELS AND FILLERS**

| Product Code | QTY | Description | Unit Wgt | Unit Rental | Item Total |
|---|---|---|---|---|---|
| 10624 | 48 | 24IN X 6FT S/P PANEL | 60.00 LB | $9.225 | $442.781 |
| 10620 | 8 | 20IN X 6FT S/P FILLER | 53.38 LB | $9.873 | $78.980 |
| 10618 | 8 | 18IN X 6FT S/P FILLER | 49.80 LB | $9.801 | $78.408 |
| 10606 | 4 | 6INX6FT S/P FILLER | 29.14 LB | $7.063 | $28.250 |
| 10625 | 4 | 6INX6INX6FT INSIDE CORNER | 48.50 LB | $9.585 | $38.339 |
| 10627 | 4 | 6FT S/P OUTSIDE CORNER | 17.91 LB | $2.415 | $9.658 |
| 10626 | 4 | 6FT S/P FILLER ANGLE | 7.39 LB | $1.495 | $5.982 |
| 60058 | 1000 | WEDGE BOLT H-17 | 0.12 LB | $0.043 | $42.900 |
| 40300 | 16 | S/P RIGID SCAFFOLD BRKT | 14.54 LB | $5.550 | $88.792 |
| 40120 | 12 | TURNBUCKLE WITH BENT PLATE | 6.76 LB | $2.356 | $28.268 |
| 41400 | 12 | ATTACHMENT BRACE PLATE A-14 | 1.00 LB | $0.413 | $4.950 |
| 60318 | 60 | 1 PC WALER CLAMP 25 PCS PER CARTON | 1.89 LB | $0.851 | $51.084 |
| | | **Taxiways Rehab (Structure S-14) Monthly Rental Total** | | | **$898.392** |

## Taxiways Rehab (Structure S-14) Details

**Monthly Rental:** $898
**Monthly SQ/FT:** $1.2
**Rental MSRP:** $16,334
**Area SQ/FT:** 764.0
**Weight:** 4,676 LBS

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-14.**

**Description: Structure S-14 was modified in Bulletin #1. These changes significantly modified the size of the top section and added rebar reinforcement. These changes in addition to the size of S-14 prevented this structure from being pre-cast as the original plans proposed. A cast in place method was required to build this structure. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 148 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 9,841.79 | | | | $ 9,841.79 |
| | Operator - Excavator | 16 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 1,026.04 | | | | $ 1,026.04 |
| | Laborer - Skilled | 504 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 27,267.41 | | | | $ 27,267.41 |
| | Laborer - Unskilled | 280 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 15,148.56 | | | | $ 15,148.56 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 16 | HR | $ 115.67 | | | E | | | $ 1,850.72 | | $ 1,850.72 |
| | Submersible Pump 20HP Power Unit | 828 | HR | $ 20.52 | | | E | | | $ 16,990.56 | | $ 16,990.56 |
| | Pickup F150 4x2 & 4x4 | 710 | HR | $ 26.76 | | | E | | | $ 18,999.60 | | $ 18,999.60 |
| **Materials** | Concrete 5500 PSI | 59 | YD3 | $ 168.00 | | | M | | $9,912.00 | | | $ 9,912.00 |
| | Fuel Surcharge | 5 | EA | $ 75.00 | | | M | | $375.00 | | | $ 375.00 |
| | Envir Fees | 5 | EA | $ 25.00 | | | M | | $125.00 | | | $ 125.00 |
| | Min Load | 2 | EA | $ 250.00 | | | M | | $500.00 | | | $ 500.00 |
| | Box Culvert Form | 1450 | EA | $ 0.63 | | | M | | $913.50 | | | $ 913.50 |
| | Rebar Material - Kuhlman Direct | 20,440 | LB | $ 1.12 | | | M | | $22,892.80 | | | $ 22,892.80 |
| | Rebar Accessories | 20440 | LB | $ 0.02 | | | M | | $408.80 | | | $ 408.80 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | Neenah R-3492-1 | 1 | EA | $ 3,178.63 | | | M | | $3,178.63 | | | $ 3,178.63 |
| | #57 Stone - Orlando Gravel and Sand | 24 | Ton | $ 75.00 | | | M | | $1,800.00 | | | $ 1,800.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 6 | Hr | $ 75.00 | | | S | | | | $ 450.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $53,588.47 | $40,380.73 | $37,840.88 | $450.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $53,588.47 |
| MATERIAL | $40,380.73 |
| MATERIAL TAX 6.5% | $2,624.75 |
| EQUIPMENT | $37,840.88 |
| SUBTOTAL | $134,434.83 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $16,132.18 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$150,567.01** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $450.00 |
| OH & P 10% on 1ST $25,000 | $45.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$495.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$151,062.01**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

## Quick menu

- Home
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## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

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PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Bulling No.2 JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-15)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-15) | 1.00 | EA | $105,441.95 | 978.27 | $37,772.40 | $23,752.68 | $29,048.98 | $14,867.89 | $105,441.95 |
| | | | | | | | | | | | 105,441.95 |
| | | **Subtotal** | | | | 978.27 | $37,772.40 | $23,752.68 | $29,048.98 | $14,867.89 | $105,441.95 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $4,532.69 | $2,850.32 | $3,485.88 | $1,189.43 | $12,058.32 |
| | | **Subtotal** | | | | | | | | | $117,500.27 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $117,500.27 | | | | | | $117,500.27 |

Submitted price is for entire structure construction.

Contractor has been paid for this structure under original Add Alt 2 pay item D-751-5.2 a sum of $41,143.13.

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 37,772.40 | $ 23,752.68 | $ 28,476.52 | $ 14,810.00 |
| **2.3% Deduction LABOR ONLY** | **$ 36,903.63** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 4,532.69 | $ 2,850.32 | $ 3,417.18 | $ 1,184.80 |
| **Subtotal** | $ 41,436.32 | $ 26,603.00 | $ 31,893.70 | $ 15,994.80 |
| **Total** | | **$** | | **115,927.83** |
| Unit Price Paid Previously | | $ | | 41,143.13 |
| **New Unit Price** | | **$** | | **74,784.70** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

# S-15 _ D-751-5.2 (Inlet Box, Special Large (Aircraft Rated))

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-15)

CONCRETE TOTAL = 46 CY
REBAR TOTAL = 16,080 LBS

FORM TOTAL = 720 SF
Wall = 410 SF
Bottom = 80 SF
Top = 230 SF

Cast-in-Place Drainage Junction Boxes (Interior 13ft x 3ft), bottom slab 18'x8'x1.33', top slab 25.33'x15.33, 5.1' Depth.

**Biditem** **MANHOLES/JNCTION BOXES SPECIAL AIRCRAFT RATED S-15**

# 90

Takeoff Qty: 1.000 EA
Bid Qty: 1.000 EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 26,600.27 | 11,172.13 | 37,772.40 | 23,752.68 | 28,949.98 | 99.00 | 14,867.89 | 0.00 | 0.00 | 0.00 | 105,441.95 |
| Total | 26,600.27 | 11,172.13 | 37,772.40 | 23,752.68 | 28,949.98 | 99.00 | 14,867.89 | 0.00 | 0.00 | 0.00 | 105,441.95 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 978.2700 | 0.0010 | 978.2700 | 107.7841 | 27.1911 | 38.6114 | 0.0012 |

Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 46.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 210.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 210.02 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 9,661.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9,661.00 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 46.00 | YD3 | 168.00 | 106.250 | 178.50 | 8,211.00 |
| 2B1048 | Fuel Surcharge | 1.00 | 7.00 | LD | 75.00 | 100.000 | 75.00 | 525.00 |
| 2B1050 | Envir Fees | 1.00 | 7.00 | LD | 25.00 | 100.000 | 25.00 | 175.00 |
| 2B1052 | Min Load | 1.00 | 3.00 | LD | 250.00 | 100.000 | 250.00 | 750.00 |

Activity: 10.03 Form Matl. Quantity: 720.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 1.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.08 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 774.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 774.14 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 80.00 | FT2 | 0.63 | 106.250 | 0.67 | 53.55 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 410.00 | FT2 | 0.63 | 106.250 | 0.67 | 274.44 |
| 2BF305 | Box Culvert Top Form | 1.00 | 230.00 | FT2 | 0.63 | 106.250 | 0.67 | 153.96 |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.04 Rebar Matl. Quantity: 16080.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 11,446.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~11,446.95~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constru $10,891.69

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 16,080.00 | LB | .6125 | ~~0.65~~ | 106.250 | 0.69 | ~~11,105.25~~ |
| 2B2007 | Rebar Accessories | 1.00 | 16,080.00 | LB | .025 | ~~0.02~~ | 106.250 | 0.02 | ~~341.70~~ |

Activity: 10.05 Unld / Handle Rebar Quantity: 16080.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 1,924.80 | 808.42 | 2,733.22 | 1,589.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,323.13 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2689 | 0.0010 | 1,000.0000 | 268.8514 | 1.6080 | 10,000.0000 | 0.0001 | 2,688.5137 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 80.4000 | 200.0000 | 0.0050 | 33.9953 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 16.08 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 16.08 | HR | 98.88 | 100.000 | 98.88 | 1,589.91 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 16.08 | MH | 36.30 | 110.000 | 56.70 | 911.74 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 64.32 | MH | 18.13 | 110.000 | 28.32 | 1,821.48 |

Activity: 10.07 USF 9151 Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D2FG | USF 9151 Frame & Grate | 1.00 | 1.00 | EA | 4,672.13 | 106.250 | 4,964.14 | 4,964.14 |

Activity: 10.08 Bedding Stone Quantity: 20.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 36.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 637.50 | 99.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~736.50~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction $719.30

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 20.00 | TON | 30.00 | 106.250 | 31.88 | 637.50 |
| 335110 | Misc Aggregate Haul | 1.00 | 20.00 | TON | ~~4.95~~ $4.09 | 100.000 | 4.95 | ~~99.00~~ |

Activity: 20.01 Excv. for Junction Box Quantity: 75.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 11.94 | 5.02 | 16.96 | 11.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.86 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 28.8633 | 0.0667 | 15.0000 | 432.9500 | 0.5000 | 150.0000 | 0.0067 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 2.5000 | 0.4000 | 42.3983 | 11.9432 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 15 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 450.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.99 | 0.84 | 2.83 | 1.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.81 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 4.8106 | 0.0111 | 90.0000 | 432.9500 | 0.5000 | 900.0000 | 0.0011 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 15.0000 | 0.0667 | 42.3983 | 1.9905 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 90 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 15.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 59.72 | 25.08 | 84.80 | 59.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 144.32 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 144.3167 | 0.3333 | 3.0000 | 432.9500 | 0.5000 | 30.0000 | 0.0333 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.5000 | 2.0000 | 42.3983 | 59.7160 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 3 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 720.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 24.91 | 10.46 | 35.37 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 54.30 |
| Total | 17,933.85 | 7,532.22 | 25,466.07 | 13,628.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 39,094.77 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 54.2983 | 0.1250 | 8.0000 | 434.3863 | 9.0000 | 80.0000 | 0.0125 | 4,343.8633 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 630.0000 | 1.1429 | 0.8750 | 40.4223 | 24.9081 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 8 Eff: 100.00 Crew Hrs: 90.00 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes: Form; 3 shifts per Junction Box
Pour; 3 shift
Strip; 1 shift

.

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 90.00 | HR | 1.00 | 100.000 | 1.00 | 90.00 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 90.00 | HR | 6.50 | 100.000 | 6.50 | 585.00 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 90.00 | HR | 12.17 | 100.000 | 12.17 | 1,095.30 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 90.00 | HR | 13.89 | 100.000 | 13.89 | 1,250.10 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 90.00 | HR | 108.76 | 100.000 | 108.76 | 9,788.40 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 90.00 | HR | 9.11 | 100.000 | 9.11 | 819.90 |
| L10170 | FOREMAN | 1.00 | 90.00 | MH | 46.83 | 110.000 | 73.15 | 6,583.36 |
| L10240 | OPERATOR BACKHOE | 1.00 | 90.00 | MH | 25.70 | 110.000 | 40.14 | 3,612.91 |
| L10410 | LABORER-COMMON | 2.00 | 180.00 | MH | 18.13 | 110.000 | 28.32 | 5,097.43 |
| L10430 | CARPENTER | 3.00 | 270.00 | MH | 24.12 | 110.000 | 37.68 | 10,172.37 |

Activity: 30.02 Pump Concrete Quantity: 46.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 46.00 | YD3 | 30.00 | 106.250 | 31.88 | 1,466.25 |

Activity: 30.03 Point & Patch Quantity: 720.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.40 | 0.59 | 1.99 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 |
| Total | 1,008.29 | 423.49 | 1,431.78 | 236.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,668.45 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.3173 | 0.0143 | 70.0001 | 162.2106 | 1.0286 | 700.0010 | 0.0014 | 1,622.1064 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.8700 | 23.3236 | 0.0429 | 46.3810 | 1.4004 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70.0001 Eff: 100.00 Crew Hrs: 10.29 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 10.29 | HR | 13.89 | 100.000 | 13.89 | 142.93 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 10.29 | HR | 9.11 | 100.000 | 9.11 | 93.74 |
| L10190 | FOREMAN | 1.00 | 10.29 | MH | 46.83 | 110.000 | 73.15 | 752.70 |
| L10410 | LABORER-COMMON | 1.00 | 10.29 | MH | 18.13 | 110.000 | 28.32 | 291.40 |
| L10450 | CONC. FINISHER | 1.00 | 10.29 | MH | 24.12 | 110.000 | 37.68 | 387.68 |

Activity: 40.02 Install Frame & grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |
| Total | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 486.4400 | 3.0000 | 0.3333 | 162.1467 | 0.3000 | 3.3333 | 0.3000 | 1,621.4667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 46.3822 | 293.9700 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN | 1.00 | 3.00 | MH | 46.83 | 110.000 | 73.15 | 219.45 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 16080.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construct $12,060.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 16,080.00 | LBS | 0.75 | 100.000 | 0.75 | ~~12,117.89~~ |

Activity: 60.1 DEWATERING, SUBCONTRACT Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 446201 | Install Wellpoints, Storm | 1.00 | 1.00 | EA | 2,750.00 | 100.000 | 2,750.00 | 2,750.00 |

Activity: 60.2 WELPT / SOCK, PUMP OPER. PIP Quantity: 3.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 438.75 | 184.27 | 623.02 | 770.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,393.02 |
| Total | 1,316.24 | 552.82 | 1,869.06 | 2,310.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,179.06 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,393.0200 | 110.0000 | 0.0091 | 12.6638 | 33.0000 | 0.0909 | 11.0000 | 126.6382 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 66.0000 | 0.0455 | 22.0000 | 28.3191 | 438.7467 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1818 (Mod) PIPWRK;WELLP,OPER LONG TERM Prod: HU 110 Eff: 100.00 Crew Hrs: 330.00 Labor Pcs: 0.20 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821320 | (R) PUMP, WELLPOINT, 8" | 1.00 | 330.00 | HR | 7.00 | 100.000 | 7.00 | 2,310.00 |
| L10410 | LABORER-COMMON | 0.20 | 66.00 | MH | 18.13 | 110.000 | 28.32 | 1,869.06 |

Activity: 60.3 By Pass Pumping Quantity: 15.00 Unit: DY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 1,435.90 | 603.08 | 2,038.98 | 3,240.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,278.98 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9320 | 24.0000 | 0.0417 | 14.6638 | 36.0000 | 0.4167 | 2.4000 | 146.6383 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 72.0000 | 0.2083 | 4.8000 | 28.3192 | 95.7267 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 360.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 360.00 | HR | 7.00 | 100.000 | 7.00 | 2,520.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 360.00 | HR | 2.00 | 100.000 | 2.00 | 720.00 |
| L10410 | LABORER-COMMON | 0.20 | 72.00 | MH | 18.13 | 110.000 | 28.32 | 2,038.98 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

# Taxiways Rehab (Structure S-15)

Two sets of equipment to form Structure S-15.

Includes:

1) Forms/Fillers
2) Inside/Outside Corners
3) Filler Anges
4) Wedge Bolts
5) 1 Pc. Waler Clamps (every panel/filler break)
6)Scaffold Brackets (every 6' o.c.)
7) Turnbuckles/Attachment Plates (every 8' o.c.)
8) 14" HD Ties

Exludes: walkway planks

**RENTAL ITEMS**

**STEEL-PLY PANELS AND FILLERS**

| Product Code | QTY | Description | Unit Wgt | Unit Rental | Item Total |
|---|---|---|---|---|---|
| 10424 | 20 | 24IN X 4FT S/P PANEL | 41.68 LB | $6.161 | $123.222 |
| 10420 | 8 | 20IN X 4FT S/P FILLER | 37.20 LB | $7.567 | $60.535 |
| 10418 | 8 | 18IN X 4FT S/P FILLER | 33.98 LB | $6.809 | $54.472 |
| 10406 | 4 | 6IN X 4FT S/P FILLER | 20.53 LB | $5.225 | $20.900 |
| 10425 | 4 | 6INX4FT INSIDE CORNER | 33.08 LB | $7.838 | $31.350 |
| 10427 | 4 | 4FT S/P OUTSIDE CORNER | 11.84 LB | $1.821 | $7.282 |
| 10426 | 4 | 4FT S/P FILLER ANGLE | 5.70 LB | $1.046 | $4.182 |
| 60058 | 500 | WEDGE BOLT H-17 | 0.12 LB | $0.043 | $21.450 |
| 40300 | 12 | S/P RIGID SCAFFOLD BRKT | 14.54 LB | $5.550 | $66.594 |
| 40120 | 10 | TURNBUCKLE WITH BENT PLATE | 6.76 LB | $2.356 | $23.557 |
| 41400 | 10 | ATTACHMENT BRACE PLATE A-14 | 1.00 LB | $0.413 | $4.125 |
| 60318 | 42 | 1 PC WALER CLAMP 25 PCS PER CARTON | 1.89 LB | $0.851 | $35.759 |
| | | **Taxiways Rehab (Structure S-15) Monthly Rental Total** | | | **$453.428** |

## Taxiways Rehab (Structure S-15) Details

**Monthly Rental:** $453
**Monthly SQ/FT:** $1.6
**Rental MSRP:** $8,244
**Area SQ/FT:** 285.6
**Weight:** 2,079 LBS

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-15.**

**Description: The original desing on structrue S-15 called for an aircraft rated drainage inlet to be installed. Redisigns resulted in a structure with a larger box and a modified top. With these changes happening during construction, a cast in place method was needed to expedite the process. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 60 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 3,989.92 | | | | $ 3,989.92 |
| | Operator - Excavator | 12 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 769.53 | | | | $ 769.53 |
| | Laborer - Skilled | 204 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 11,036.81 | | | | $ 11,036.81 |
| | Laborer - Unskilled | 114 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 6,167.63 | | | | $ 6,167.63 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 12 | HR | $ 115.67 | | | E | | | $ 1,388.04 | | $ 1,388.04 |
| | Submersible Pump 20HP Power Unit | 540 | HR | $ 20.52 | | | E | | | $ 11,080.80 | | $ 11,080.80 |
| | Pickup F150 4x2 & 4x4 | 288 | HR | $ 26.76 | | | E | | | $ 7,706.88 | | $ 7,706.88 |
| **Materials** | Concrete 5500 PSI | 46 | YD3 | $ 168.00 | | | M | | $7,728.00 | | | $ 7,728.00 |
| | Fuel Surcharge | 7 | EA | $ 75.00 | | | M | | $525.00 | | | $ 525.00 |
| | Envir Fees | 7 | EA | $ 25.00 | | | M | | $175.00 | | | $ 175.00 |
| | Min Load | 3 | EA | $ 250.00 | | | M | | $750.00 | | | $ 750.00 |
| | Box Culvert Form | 720 | EA | $ 0.63 | | | M | | $453.60 | | | $ 453.60 |
| | Rebar Material - Kuhlman Direct | 16,080 | LB | $ 1.12 | | | M | | $18,009.60 | | | $ 18,009.60 |
| | Rebar Accessories | 16080 | LB | $ 0.02 | | | M | | $321.60 | | | $ 321.60 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | USF 9151 Frame & Grate | 1 | EA | $ 4,672.13 | | | M | | $4,672.13 | | | $ 4,672.13 |
| | #57 Stone - Orlando Gravel and Sand | 20 | Ton | $ 75.00 | | | M | | $1,500.00 | | | $ 1,500.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 5 | Hr | $ 75.00 | | | S | | | | $ 375.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $22,268.55 | $34,409.93 | $20,175.72 | $375.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $22,268.55 |
| MATERIAL | $34,409.93 |
| MATERIAL TAX 6.5% | $2,236.65 |
| EQUIPMENT | $20,175.72 |
| SUBTOTAL | $79,090.85 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $9,490.90 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$88,581.75** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $375.00 |
| OH & P 10% on 1ST $25,000 | $37.50 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$412.50** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$88,994.25**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

## Quick menu

- Home
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## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

Copyright 2022

PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Change Order No. 1 JUNCTION BOXES, (AIRCRAFT RATED) (S-16)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (S-16) | 1.00 | EA | $60,732.90 | 654.23 | $25,540.53 | $16,138.88 | $12,889.68 | $6,163.81 | $60,732.90 |
| | | | | | | | | | | | 60,732.90 |
| | | **Subtotal** | | | | 654.23 | $25,540.53 | $16,138.88 | $12,889.68 | $6,163.81 | $60,732.90 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $3,064.86 | $1,936.67 | $1,546.76 | $493.10 | $7,041.40 |
| | | **Subtotal** | | | | | | | | | $67,774.30 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $67,774.30 | | | | | | $67,774.30 |

Submitted price is for entire structure construction.

Contractor has been paid for this structure under original Add Alt 3 pay item D-751-5.2 a sum of $36,618.88.

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 25,540.53 | $ 16,138.88 | $ 12,720.36 | $ 6,147.50 |
| **2.3% Deduction LABOR ONLY** | **$ 24,953.10** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 3,064.86 | $ 1,936.67 | $ 1,526.44 | $ 491.80 |
| **Subtotal** | $ 28,017.96 | $ 18,075.55 | $ 14,246.80 | $ 6,639.30 |
| **Total** | | **$** | | **66,979.61** |
| Unit Price Paid Previously | | $ | | 36,948.16 |
| **New Unit Price** | | **$** | | **30,031.45** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

# S-16 _ D-751-5.2 (Inlet Box, Special Large (Aircraft Rated))

| Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|
| JUNCTION BOXES, (AIRCRAFT RATED) (S-16) | 1.00 | EA | $60,732.90 | 654.23 | $25,540.53 | $16,138.88 | $12,889.68 | $6,163.81 | $60,732.90 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | 60,732.90 |
| | | | | | | | | | |
| **Subtotal** | | | | 654.23 | $25,540.53 | $16,138.88 | $12,889.68 | $6,163.81 | $60,732.90 |
| **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| **Markup Total** | | | | | $3,064.86 | $1,936.67 | $1,546.76 | $493.10 | $7,041.40 |
| **Subtotal** | | | | | | | | | $67,774.30 |
| **Bond** | | | | | | | | | |
| **Total** | 1.00 | EA | $67,774.30 | | | | | | $67,774.30 |

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-16)

CONCRETE TOTAL = 13 CY
REBAR TOTAL = 4,530 LBS

FORM TOTAL = 480 SF
Wall = 310 SF
Bottom = 60 SF
Top = 110 SF

Cast-in-Place Drainage Junction Boxes (Interior 5ft x 5ft), bottom slab 10'x10'x1.33', 5.6' Depth.

**Biditem** **MANHOLES/JNCTION BOXES SPECIAL AIRCRAFT RATED S-16**

# 95

Takeoff Qty: 1.000 EA
Bid Qty: 1.000 EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 17,986.29 | 7,554.24 | 25,540.53 | 16,138.88 | 12,815.43 | 74.25 | 6,163.81 | 0.00 | 0.00 | 0.00 | 60,732.90 |
| Total | 17,986.29 | 7,554.24 | 25,540.53 | 16,138.88 | 12,815.43 | 74.25 | 6,163.81 | 0.00 | 0.00 | 0.00 | 60,732.90 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 654.2300 | 0.0015 | 654.2300 | 92.8311 | 27.4923 | 39.0391 | 0.0018 |

Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 13.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 240.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 240.04 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 3,120.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,120.50 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 13.00 | YD3 | 168.00 | 106.250 | 178.50 | 2,320.50 |
| 2B1048 | Fuel Surcharge | 1.00 | 3.00 | LD | 75.00 | 100.000 | 75.00 | 225.00 |
| 2B1050 | Envir Fees | 1.00 | 3.00 | LD | 25.00 | 100.000 | 25.00 | 75.00 |
| 2B1052 | Min Load | 1.00 | 2.00 | LD | 250.00 | 100.000 | 250.00 | 500.00 |

Activity: 10.03 Form Matl. Quantity: 480.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 321.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 321.30 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 60.00 | FT2 | 0.63 | 106.250 | 0.67 | 40.16 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 310.00 | FT2 | 0.63 | 106.250 | 0.67 | 207.51 |
| 2BF305 | Box Culvert Top Form | 1.00 | 110.00 | FT2 | 0.63 | 106.250 | 0.67 | 73.63 |

Activity: 10.04 Rebar Matl. Quantity: 4530.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 3,516.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~3,516.98~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construc $3,360.56

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 4,530.00 | LB | .6125 | ~~0.65~~ | 106.250 | 0.69 | ~~3,128.53~~ |
| 2B2007 | Rebar Accessories | 1.00 | 4,530.00 | LB | .025 | ~~0.02~~ | 106.250 | 0.02 | ~~96.26~~ |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.05 Unld / Handle Rebar Quantity: 4530.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 542.25 | 227.74 | 769.99 | 447.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,217.89 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2688 | 0.0010 | 1,000.0000 | 268.8499 | 0.4530 | 10,000.0000 | 0.0001 | 2,688.4989 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 22.6500 | 200.0000 | 0.0050 | 33.9951 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 4.53 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 4.53 | HR | 98.88 | 100.000 | 98.87 | 447.90 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 4.53 | MH | 36.30 | 110.000 | 56.70 | 256.85 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 18.12 | MH | 18.13 | 110.000 | 28.32 | 513.14 |

Activity: 10.07 USF 9151 Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D2FG | USF 9151 Frame & Grate | 1.00 | 1.00 | EA | 4,672.13 | 106.250 | 4,964.14 | 4,964.14 |

Activity: 10.08 Bedding Stone Quantity: 15.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 36.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 478.13 | 74.25 | 0.00 | 0.00 | 0.00 | 0.00 | ~~552.38~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Const $539.48

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 15.00 | TON | 30.00 | 106.250 | 31.88 | 478.13 |
| 335110 | Misc Aggregate Haul | 1.00 | 15.00 | TON | ~~4.95~~ | 100.000 | 4.95 | ~~74.25~~ |

Activity: 20.01 Excv. for Junction Box Quantity: 75.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 11.94 | 5.02 | 16.96 | 11.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.86 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 28.8633 | 0.0667 | 15.0000 | 432.9500 | 0.5000 | 150.0000 | 0.0067 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 2.5000 | 0.4000 | 42.3983 | 11.9432 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 15 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 400.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 2.24 | 0.94 | 3.18 | 2.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.41 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 5.4119 | 0.0125 | 80.0000 | 432.9500 | 0.5000 | 800.0000 | 0.0013 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 13.3333 | 0.0750 | 42.3983 | 2.2394 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 80 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 15.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 59.72 | 25.08 | 84.80 | 59.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 144.32 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 144.3167 | 0.3333 | 3.0000 | 432.9500 | 0.5000 | 30.0000 | 0.0333 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.5000 | 2.0000 | 42.3983 | 59.7160 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 3 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 480.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 24.91 | 10.46 | 35.37 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 54.30 |
| Total | 11,955.90 | 5,021.48 | 16,977.38 | 9,085.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26,063.18 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 54.2983 | 0.1250 | 8.0000 | 434.3863 | 6.0000 | 80.0000 | 0.0125 | 4,343.8633 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 420.0000 | 1.1429 | 0.8750 | 40.4223 | 24.9081 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 8 Eff: 100.00 Crew Hrs: 60.00 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes: Form; 2 shifts
Pour; 3 shift
Strip; 1 shift

.

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 60.00 | HR | 1.00 | 100.000 | 1.00 | 60.00 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 60.00 | HR | 6.50 | 100.000 | 6.50 | 390.00 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 60.00 | HR | 12.17 | 100.000 | 12.17 | 730.20 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 60.00 | HR | 13.89 | 100.000 | 13.89 | 833.40 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 60.00 | HR | 108.76 | 100.000 | 108.76 | 6,525.60 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 60.00 | HR | 9.11 | 100.000 | 9.11 | 546.60 |
| L10170 | FOREMAN | 1.00 | 60.00 | MH | 46.83 | 110.000 | 73.15 | 4,388.91 |
| L10240 | OPERATOR BACKHOE | 1.00 | 60.00 | MH | 25.70 | 110.000 | 40.14 | 2,408.60 |
| L10410 | LABORER-COMMON | 2.00 | 120.00 | MH | 18.13 | 110.000 | 28.32 | 3,398.29 |
| L10430 | CARPENTER | 3.00 | 180.00 | MH | 24.12 | 110.000 | 37.68 | 6,781.58 |

Activity: 30.02 Pump Concrete Quantity: 13.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 13.00 | YD3 | 30.00 | 106.250 | 31.88 | 414.38 |

Activity: 30.03 Point & Patch Quantity: 480.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.40 | 0.59 | 1.99 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 |
| Total | 672.20 | 282.32 | 954.52 | 157.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,112.30 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.3173 | 0.0143 | 70.0004 | 162.2114 | 0.6857 | 700.0044 | 0.0014 | 1,622.1143 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 20.5800 | 23.3236 | 0.0429 | 46.3810 | 1.4004 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70 Eff: 100.00 Crew Hrs: 6.86 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 6.86 | HR | 13.89 | 100.000 | 13.89 | 95.29 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 6.86 | HR | 9.11 | 100.000 | 9.11 | 62.49 |
| L10190 | FOREMAN | 1.00 | 6.86 | MH | 46.83 | 110.000 | 73.15 | 501.80 |
| L10410 | LABORER-COMMON | 1.00 | 6.86 | MH | 18.13 | 110.000 | 28.32 | 194.27 |
| L10450 | CONC. FINISHER | 1.00 | 6.86 | MH | 24.12 | 110.000 | 37.67 | 258.45 |

Activity: 40.02 Install frame & grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |
| Total | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 486.4400 | 3.0000 | 0.3333 | 162.1467 | 0.3000 | 3.3333 | 0.3000 | 1,621.4667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 46.3822 | 293.9700 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN | 1.00 | 3.00 | MH | 46.83 | 110.000 | 73.15 | 219.45 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 4530.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constru $3,397.50

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 4,530.00 | LBS | 0.75 | 100.000 | 0.75 | ~~3,413.81~~ |

Activity: 60.1 DEWATERING, SUBCONTRACT Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 446201 | Install Wellpoints, Storm | 1.00 | 1.00 | EA | 2,750.00 | 100.000 | 2,750.00 | 2,750.00 |

Activity: 60.2 WELPT / SOCK, PUMP OPER. PIP Quantity: 2.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 438.75 | 184.28 | 623.02 | 770.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,393.02 |
| Total | 877.49 | 368.55 | 1,246.04 | 1,540.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,786.04 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,393.0200 | 110.0000 | 0.0091 | 12.6638 | 22.0000 | 0.0909 | 11.0000 | 126.6382 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 44.0000 | 0.0455 | 22.0000 | 28.3191 | 438.7450 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1818 (Mod) PIPWRK;WELLP,OPER LONG TERM Prod: HU 110 Eff: 100.00 Crew Hrs: 220.00 Labor Pcs: 0.20 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821320 | (R) PUMP, WELLPOINT, 8" | 1.00 | 220.00 | HR | 7.00 | 100.000 | 7.00 | 1,540.00 |
| L10410 | LABORER-COMMON | 0.20 | 44.00 | MH | 18.13 | 110.000 | 28.32 | 1,246.04 |

Activity: 60.3 By Pass Pumping Quantity: 10.00 Unit: DY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 957.26 | 402.05 | 1,359.31 | 2,160.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,519.31 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9310 | 24.0000 | 0.0417 | 14.6638 | 24.0000 | 0.4167 | 2.4000 | 146.6379 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 48.0000 | 0.2083 | 4.8000 | 28.3190 | 95.7260 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 240.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 240.00 | HR | 7.00 | 100.000 | 7.00 | 1,680.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 240.00 | HR | 2.00 | 100.000 | 2.00 | 480.00 |
| L10410 | LABORER-COMMON | 0.20 | 48.00 | MH | 18.13 | 110.000 | 28.32 | 1,359.31 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

# Quotation

**Quote # QUO-557024-H1J6Q2**

| | | | | | |
|---|---|---|---|---|---|
| **Date** | ( ) | **Account Name** | Hubbard Construction Company | **Reply-To** | |
| **Quote #** | QUO-557024-H1J6Q2 | **Contact Name** | Hubbard Construction Company | **Account Manager** | Dion Menendez |
| **Revision #** | 0 | **Contact Phone** | | **Address** | 840 WEST AVE, DELAND, FL 32720 |
| **Project Name** | GOAA BP-497 Taxiways G & H Rehab Ph 1 | **Contact Fax** | | **Phone** | 386-748-9992 |
| **Project #** | 755437 | **Contact Email** | | **Fax** | |
| **Project Address** | Orlando, FL 32827 | | | **Email** | Dion.Menendez@rinkerpipe.com |

**Rinker Materials' offer to sell the products described in this quotation is expressly conditioned upon Buyer's assent to the Rinker Materials' Standard Terms and Conditions ("Rinker Materials STCs") viewable at www.rinkerpipe.com. A valid tax exemption certificate must be issued to Rinker Materials or sales tax will be added.**

| Item # | Description | Part # | Quantity | Unit | Extended Unit Price | Unit Total |
|---|---|---|---|---|---|---|
| 10 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (00'-06' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 66" wall height<br>IDs: S-10 | PRECASTSTR | 1.00 | EA | $27,256.13 | $27,256.13 |
| 11 | ~~INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (00'-06' deep)~~<br>~~With: USF 9151-6811 FRAME & GRATE GALV~~<br>~~Notes: Heavy lift approx 15 tons with 27" wall height~~<br>~~IDs: S-18~~ | PRECASTSTR | 1.00 | EA | ~~$21,752.13~~ | ~~$21,752.13~~ |
| 12 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (00'-06' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 20 tons with 52" wall height<br>IDs: S-24 | PRECASTSTR | 1.00 | EA | $25,272.13 | $25,272.13 |
| 13 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 23 tons with 77" wall height<br>IDs: S-5 | PRECASTSTR | 1.00 | EA | $28,952.13 | $28,952.13 |
| 14 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 72" wall height<br>IDs: S-6, S-11 | PRECASTSTR | 2.00 | EA | $29,388.13 | $58,776.26 |
| 15 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 80" wall height<br>IDs: S-8, S-9 | PRECASTSTR | 2.00 | EA | $29,252.13 | $58,504.26 |
| 16 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 23 tons with 72" wall height<br>IDs: S-16 | PRECASTSTR | 1.00 | EA | $30,776.13 | $30,776.13 |
| 17 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (06'-08' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 21 tons with 60" wall height<br>IDs: S-17 | PRECASTSTR | 1.00 | EA | $29,416.13 | $29,416.13 |
| 18 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (08'-10' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 22 tons with 72" wall height<br>IDs: S-3 | PRECASTSTR | 1.00 | EA | $32,536.13 | $32,536.13 |
| 19 | INLET - 5' x 5' Aircraft Rated Inlet (14" wall, 16" base) (08'-10' deep)<br>With: USF 9151-6811 FRAME & GRATE GALV<br>Notes: Heavy lift approx 23 tons with 72" wall height<br>IDs: S-12BB | PRECASTSTR | 1.00 | EA | $32,680.13 | $32,680.13 |
| 20 | JUNCTION BOX - 4' x 16' Storm Manhole (10" wall, 8" base, 8" top slab) (00'-06' deep)<br>With: USF 170-E RING & COVER<br>Notes: Heavy lift approx 17 tons<br>IDs: S-21 | PRECASTSTR | 1.00 | EA | $16,952.00 | $16,952.00 |
| 21 | FDOT Index 430-030 Endwall ~~30"~~ Double IDs S-1, S-2. Heavy Lift approx 11.6 tons<br>36" As per Dion on 6/16/23 | PRECASTSTR | 2.00 | EA | $9,280.00 | $18,560.00 |

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-16.**

**Description: The original desing on structrue S-16 called for a pre-cast structure to be installed. Redisigns resulted in minized time to procure a pre-cast structure and size increase added difficulty. A cast in place approach was needed to continue construction. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 77 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 5,120.39 | | | | $ 5,120.39 |
| | Operator - Excavator | 12 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 769.53 | | | | $ 769.53 |
| | Laborer - Skilled | 262 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 14,174.72 | | | | $ 14,174.72 |
| | Laborer - Unskilled | 146.5 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 7,925.94 | | | | $ 7,925.94 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 12 | HR | $ 115.67 | | | E | | | $ 1,388.04 | | $ 1,388.04 |
| | Submersible Pump 20HP Power Unit | 420 | HR | $ 20.52 | | | E | | | $ 8,618.40 | | $ 8,618.40 |
| | Pickup F150 4x2 & 4x4 | 373.5 | HR | $ 26.76 | | | E | | | $ 9,994.86 | | $ 9,994.86 |
| **Materials** | Concrete 5500 PSI | 13 | YD3 | $ 168.00 | | | M | | $2,184.00 | | | $ 2,184.00 |
| | Fuel Surcharge | 3 | EA | $ 75.00 | | | M | | $225.00 | | | $ 225.00 |
| | Box Culvert Form | 480 | EA | $ 0.63 | | | M | | $302.40 | | | $ 302.40 |
| | Rebar Material, #4 - Kuhlman Direct | 4530 | LB | $ 1.12 | | | M | | $5,073.60 | | | $ 5,073.60 |
| | Rebar Accessories | 4530 | LB | $ 0.02 | | | M | | $90.60 | | | $ 90.60 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | USF 9151 Frame & Grate | 1 | EA | $ 4,672.13 | | | M | | $4,672.13 | | | $ 4,672.13 |
| | #57 Stone - Orlando Gravel and Sand | 15 | Ton | $ 75.00 | | | M | | $1,125.00 | | | $ 1,125.00 |
| | | | | | | | | | | | | $ - |
| | | | | | | | | | | | | $ - |
| | | | | | | | | | | | | $ - |
| | | | | | | | | | | | | $ - |
| | | | | | | | | | | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 4 | Hours | $ 75.00 | | | | | | | $ 300.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $28,295.26 | $13,947.73 | $20,001.30 | $300.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $28,295.26 |
| MATERIAL | $13,947.73 |
| MATERIAL TAX 6.5% | $906.60 |
| EQUIPMENT | $20,001.30 |
| SUBTOTAL | $63,150.89 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $7,578.11 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$70,729.00** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $300.00 |
| OH & P 10% on 1ST $25,000 | $30.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$330.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$71,059.00**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

## Quick menu

- Home
- About us
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## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

Copyright 2022

PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Bulling No.2 JUNCTION BOXES, (AIRCRAFT RATED) (S-17)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (S-17) | 1.00 | EA | $59,787.93 | 650.05 | $25,366.48 | $16,087.46 | $12,411.33 | $5,922.66 | $59,787.93 |
| | | | | | | | | | | | 59,787.93 |
| | | **Subtotal** | | | | 650.05 | $25,366.48 | $16,087.46 | $12,411.33 | $5,922.66 | $59,787.93 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $3,043.98 | $1,930.50 | $1,489.36 | $473.81 | $6,937.65 |
| | | **Subtotal** | | | | | | | | | $66,725.58 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $66,725.58 | | | | | | $66,725.58 |

Submitted price is for entire structure construction.

Contractor has been paid for this structure under original Add Alt 3 pay item D-751-5.2 a sum of $36,618.88.

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 25,366.48 | $ 16,807.46 | $ 12,253.06 | $ 5,907.50 |
| **2.3% Deduction LABOR ONLY** | **$ 24,783.05** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 3,043.98 | $ 2,016.90 | $ 1,470.37 | $ 472.60 |
| **Subtotal** | $ 27,827.03 | $ 18,824.36 | $ 13,723.43 | $ 6,380.10 |
| **Total** | | **$** | | **66,754.91** |
| Unit Price Paid Previously | | $ | | 36,618.88 |
| **New Unit Price** | | **$** | | **30,136.03** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

## S-17 _ D-751-5.2 (Manhole/Junction Box, Special (Aircraft Rated))

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-17)

CONCRETE TOTAL = 12 CY
REBAR TOTAL = 4,210 LBS

FORM TOTAL = 420 SF
Wall = 270 SF
Bottom = 60 SF
Top = 90 SF

Cast-in-Place Drainage Junction Boxes (Interior 5ft x 5ft), bottom slab 10'x10'x1.33', 4.9' Depth.

**Biditem** **MANHOLES/JNCTION BOXES SPECIAL AIRCRAFT RATED S-17**

# 100

Takeoff Qty: 1.000 EA
Bid Qty: 1.000 EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 17,863.72 | 7,502.76 | 25,366.48 | 16,087.46 | 12,337.08 | 74.25 | 5,922.66 | 0.00 | 0.00 | 0.00 | 59,787.93 |
| Total | 17,863.72 | 7,502.76 | 25,366.48 | 16,087.46 | 12,337.08 | 74.25 | 5,922.66 | 0.00 | 0.00 | 0.00 | 59,787.93 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 650.0500 | 0.0015 | 650.0500 | 91.9744 | 27.4805 | 39.0224 | 0.0018 |

Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 12.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 245.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 245.17 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 2,942.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,942.00 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 12.00 | YD3 | 168.00 | 106.250 | 178.50 | 2,142.00 |
| 2B1048 | Fuel Surcharge | 1.00 | 3.00 | LD | 75.00 | 100.000 | 75.00 | 225.00 |
| 2B1050 | Envir Fees | 1.00 | 3.00 | LD | 25.00 | 100.000 | 25.00 | 75.00 |
| 2B1052 | Min Load | 1.00 | 2.00 | LD | 250.00 | 100.000 | 250.00 | 500.00 |

Activity: 10.03 Form Matl. Quantity: 420.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 281.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 281.13 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 60.00 | FT2 | 0.63 | 106.250 | 0.67 | 40.16 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 270.00 | FT2 | 0.63 | 106.250 | 0.67 | 180.73 |
| 2BF305 | Box Culvert Top Form | 1.00 | 90.00 | FT2 | 0.63 | 106.250 | 0.67 | 60.24 |

Activity: 10.04 Rebar Matl. Quantity: 4210.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 3,289.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~3,289.18~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construct $3,143.81

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 4,210.00 | LB | .06125 | ~~0.65~~ | 106.250 | 0.69 | ~~2,907.53~~ |
| 2B2007 | Rebar Accessories | 1.00 | 4,210.00 | LB | .025 | ~~0.02~~ | 106.250 | 0.02 | ~~89.46~~ |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.05 Unld / Handle Rebar Quantity: 4210.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 503.95 | 211.65 | 715.60 | 416.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,131.86 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2689 | 0.0010 | 1,000.0000 | 268.8504 | 0.4210 | 10,000.0000 | 0.0001 | 2,688.5036 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 21.0500 | 200.0000 | 0.0050 | 33.9952 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 4.21 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 4.21 | HR | 98.88 | 100.000 | 98.87 | 416.26 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 4.21 | MH | 36.30 | 110.000 | 56.70 | 238.71 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 16.84 | MH | 18.13 | 110.000 | 28.32 | 476.89 |

Activity: 10.07 USF 9151 Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D2FG | USF 9151 Frame & Grate | 1.00 | 1.00 | EA | 4,672.13 | 106.250 | 4,964.14 | 4,964.14 |

Activity: 10.08 Bedding Stone Quantity: 15.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 36.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 478.13 | 74.25 | 0.00 | 0.00 | 0.00 | 0.00 | ~~552.38~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction $539.48

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 15.00 | TON | 30.00 | 106.250 | 31.88 | 478.13 |
| 335110 | Misc Aggregate Haul | 1.00 | 15.00 | TON | $4.09 ~~4.95~~ | 100.000 | 4.95 | ~~74.25~~ |

Activity: 20.01 Excv. for Junction Box Quantity: 75.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 11.94 | 5.02 | 16.96 | 11.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.86 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 28.8633 | 0.0667 | 15.0000 | 432.9500 | 0.5000 | 150.0000 | 0.0067 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 2.5000 | 0.4000 | 42.3983 | 11.9432 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 15 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 400.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 2.24 | 0.94 | 3.18 | 2.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.41 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 5.4119 | 0.0125 | 80.0000 | 432.9500 | 0.5000 | 800.0000 | 0.0013 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 13.3333 | 0.0750 | 42.3983 | 2.2394 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 80 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 15.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 59.72 | 25.08 | 84.80 | 59.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 144.32 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 144.3167 | 0.3333 | 3.0000 | 432.9500 | 0.5000 | 30.0000 | 0.0333 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.5000 | 2.0000 | 42.3983 | 59.7160 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 3 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 420.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 28.47 | 11.96 | 40.42 | 21.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 62.06 |
| Total | 11,955.90 | 5,021.48 | 16,977.38 | 9,085.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26,063.18 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 62.0552 | 0.1429 | 7.0000 | 434.3863 | 6.0000 | 70.0000 | 0.0143 | 4,343.8633 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 420.0000 | 1.0000 | 1.0000 | 40.4223 | 28.4664 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 7 Eff: 100.00 Crew Hrs: 60.00 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes: Form; 2 shifts
Pour; 3 shift
Strip; 1 shift

.

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 60.00 | HR | 1.00 | 100.000 | 1.00 | 60.00 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 60.00 | HR | 6.50 | 100.000 | 6.50 | 390.00 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 60.00 | HR | 12.17 | 100.000 | 12.17 | 730.20 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 60.00 | HR | 13.89 | 100.000 | 13.89 | 833.40 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 60.00 | HR | 108.76 | 100.000 | 108.76 | 6,525.60 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 60.00 | HR | 9.11 | 100.000 | 9.11 | 546.60 |
| L10170 | FOREMAN | 1.00 | 60.00 | MH | 46.83 | 110.000 | 73.15 | 4,388.91 |
| L10240 | OPERATOR BACKHOE | 1.00 | 60.00 | MH | 25.70 | 110.000 | 40.14 | 2,408.60 |
| L10410 | LABORER-COMMON | 2.00 | 120.00 | MH | 18.13 | 110.000 | 28.32 | 3,398.29 |
| L10430 | CARPENTER | 3.00 | 180.00 | MH | 24.12 | 110.000 | 37.68 | 6,781.58 |

Activity: 30.02 Pump Concrete Quantity: 12.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 12.00 | YD3 | 30.00 | 106.250 | 31.88 | 382.50 |

Activity: 30.03 Point & Patch Quantity: 420.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.40 | 0.59 | 1.99 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 |
| Total | 587.93 | 246.93 | 834.86 | 138.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 972.86 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.3163 | 0.0143 | 70.0000 | 162.1433 | 0.6000 | 700.0000 | 0.0014 | 1,621.4333 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 18.0000 | 23.3333 | 0.0429 | 46.3811 | 1.3998 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70 Eff: 100.00 Crew Hrs: 6.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 6.00 | HR | 13.89 | 100.000 | 13.89 | 83.34 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 6.00 | HR | 9.11 | 100.000 | 9.11 | 54.66 |
| L10190 | FOREMAN | 1.00 | 6.00 | MH | 46.83 | 110.000 | 73.15 | 438.89 |
| L10410 | LABORER-COMMON | 1.00 | 6.00 | MH | 18.13 | 110.000 | 28.32 | 169.92 |
| L10450 | CONC. FINISHER | 1.00 | 6.00 | MH | 24.12 | 110.000 | 37.68 | 226.05 |

Activity: 40.02 Install frame & grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |
| Total | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 486.4400 | 3.0000 | 0.3333 | 162.1467 | 0.3000 | 3.3333 | 0.3000 | 1,621.4667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 46.3822 | 293.9700 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN | 1.00 | 3.00 | MH | 46.83 | 110.000 | 73.15 | 219.45 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 4210.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construc $3,157.50

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 4,210.00 | LBS | 0.75 | 100.000 | 0.75 | ~~3,172.66~~ |

Activity: 60.1 DEWATERING, SUBCONTRACT Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 446201 | Install Wellpoints, Storm | 1.00 | 1.00 | EA | 2,750.00 | 100.000 | 2,750.00 | 2,750.00 |

Activity: 60.2 WELPT / SOCK, PUMP OPER. PIP Quantity: 2.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 438.75 | 184.28 | 623.02 | 770.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,393.02 |
| Total | 877.49 | 368.55 | 1,246.04 | 1,540.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,786.04 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,393.0200 | 110.0000 | 0.0091 | 12.6638 | 22.0000 | 0.0909 | 11.0000 | 126.6382 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 44.0000 | 0.0455 | 22.0000 | 28.3191 | 438.7450 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1818 (Mod) PIPWRK;WELLP,OPER LONG TERM Prod: HU 110 Eff: 100.00 Crew Hrs: 220.00 Labor Pcs: 0.20 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821320 | (R) PUMP, WELLPOINT, 8" | 1.00 | 220.00 | HR | 7.00 | 100.000 | 7.00 | 1,540.00 |
| L10410 | LABORER-COMMON | 0.20 | 44.00 | MH | 18.13 | 110.000 | 28.32 | 1,246.04 |

Activity: 60.3 By Pass Pumping Quantity: 10.00 Unit: DY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 957.26 | 402.05 | 1,359.31 | 2,160.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,519.31 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9310 | 24.0000 | 0.0417 | 14.6638 | 24.0000 | 0.4167 | 2.4000 | 146.6379 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 48.0000 | 0.2083 | 4.8000 | 28.3190 | 95.7260 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 240.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 240.00 | HR | 7.00 | 100.000 | 7.00 | 1,680.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 240.00 | HR | 2.00 | 100.000 | 2.00 | 480.00 |
| L10410 | LABORER-COMMON | 0.20 | 48.00 | MH | 18.13 | 110.000 | 28.32 | 1,359.31 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-17.**

**Description: The original desing on structrue S-17 called for a pre-cast structure to be installed. Redisigns resulted in minized time to procure a pre-cast structure and size increase added difficulty. A cast in place approach was needed to continue construction. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 77 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 5,120.39 | | | | $ 5,120.39 |
| | Operator - Excavator | 12 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 769.53 | | | | $ 769.53 |
| | Laborer - Skilled | 262 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 14,174.72 | | | | $ 14,174.72 |
| | Laborer - Unskilled | 146.5 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 7,925.94 | | | | $ 7,925.94 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 12 | HR | $ 115.67 | | | E | | | $ 1,388.04 | | $ 1,388.04 |
| | Submersible Pump 20HP Power Unit | 420 | HR | $ 20.52 | | | E | | | $ 8,618.40 | | $ 8,618.40 |
| | Pickup F150 4x2 & 4x4 | 373.5 | HR | $ 26.76 | | | E | | | $ 9,994.86 | | $ 9,994.86 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| **Materials** | Concrete 5500 PSI | 12 | YD3 | $ 168.00 | | | M | | $2,016.00 | | | $ 2,016.00 |
| | Fuel Surcharge | 3 | EA | $ 75.00 | | | M | | $225.00 | | | $ 225.00 |
| | Envir Fees | 3 | EA | $ 25.00 | | | M | | $75.00 | | | $ 75.00 |
| | Min Load | 2 | EA | $ 250.00 | | | M | | $500.00 | | | $ 500.00 |
| | Box Culvert Form | 420 | EA | $ 0.63 | | | M | | $264.60 | | | $ 264.60 |
| | Rebar Material - Kuhlman Direct | 4210 | LB | $ 1.12 | | | M | | $4,715.20 | | | $ 4,715.20 |
| | Rebar Accessories | 4210 | LB | $ 0.02 | | | M | | $84.20 | | | $ 84.20 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | USF 9151 Frame & Grate | 1 | EA | $ 4,672.13 | | | M | | $4,672.13 | | | $ 4,672.13 |
| | #57 Stone - Orlando Gravel and Sand | 15 | Ton | $ 75.00 | | | M | | $1,125.00 | | | $ 1,125.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 4 | Hr | $ 75.00 | | | S | | | | $ 300.00 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | SUB-TOTALS w/out markups | | | | | | | $28,295.26 | $13,952.13 | $20,001.30 | $300.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $28,295.26 |
| MATERIAL | $13,952.13 |
| MATERIAL TAX 6.5% | $906.89 |
| EQUIPMENT | $20,001.30 |
| SUBTOTAL | $63,155.58 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $7,578.67 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$70,734.25** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $300.00 |
| OH & P 10% on 1ST $25,000 | $30.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$330.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$71,064.25**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

## Quick menu

- Home
- About us
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## Services

- Gravel Delivery
- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

- Privacy Policy
- Terms & Conditions
- Disclaimer

Copyright 2022

PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Bulling No.1 MITERED END SECTION, OPTIONAL - ELLIPTICAL/ARCH, 18" CD**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 430-982-625 | MITERED END SECTION, OPTIONAL - ELLIPTICAL/ARCH, 18" CD | 1.00 | EA | $4,178.42 | 33.00 | $1,299.28 | $650.68 | $2,228.46 | $0.00 | $4,178.42 |
| | | | | | | | | | | | 4,178.42 |
| | | Subtotal | | | | 33.00 | $1,299.28 | $650.68 | $2,228.46 | $0.00 | $4,178.42 |
| | | Markup Percent | | | | | 15% | 15% | 15% | 10% | |
| | | Markup Total | | | | | $194.89 | $97.60 | $334.27 | $0.00 | $626.76 |
| | | Subtotal | | | | | | | | | $4,805.18 |
| | | Bond | | | | | | | | | |
| | | Total | 1.00 | EA | $4,805.18 | | | | | | $4,805.18 |

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | Labor | Equipment | Materials | Sub |
| Proposed Value | $ 1,299.28 | $ 650.68 | $ 2,228.46 | $ - |
| 2.3% Deduction LABOR ONLY | **$ 1,269.40** | | | |
| Markup % | 0.12 | 0.12 | 0.12 | 0.08 |
| Markup Total | $ 155.91 | $ 78.08 | $ 267.42 | $ - |
| Subtotal | $ 1,425.31 | $ 728.76 | $ 2,495.88 | $ - |
| Total | $ | | | 4,649.95 |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

**Biditem**

# 100

**MITERED END (OPTIONAL OTHER) (18" SD)**

Takeoff Qty: 1.000 EA

Bid Qty: 1.000 EA

**Client #: 0430984625**

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 914.99 | 384.29 | 1,299.28 | 650.68 | 2,228.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,178.42 |
| Total | 914.99 | 384.29 | 1,299.28 | 650.68 | 2,228.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,178.42 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 33.0000 | 0.0303 | 33.0000 | 126.6188 | 27.7270 | 39.3721 | 0.1250 |

Activity: 34502.1 14" X 23" MES Supplied Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 1,718.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,718.75 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 1,718.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,718.75 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D10-MES.18 | Misc-18" MES | 1.00 | 1.00 | EA | 125.00 | 100.000 | 125.00 | 125.00 |
| 2D8ME.1423 | 14x23"RCP,MES | 1.00 | 1.00 | EA | 1,500.00 | 106.250 | 1,593.75 | 1,593.75 |

Activity: 34502.2 14x23" MES Grate Supplied (Unreviewed) Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2D8MG.1423 | 14x23"RCP,MES Grate | 1.00 | 1.00 | EA | 350.00 | 106.250 | 371.88 | 371.88 |

Activity: 34502.3 14x23" MES Misc Material (Unreviewed) Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 137.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 137.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 137.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 137.83 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1010 | Conc 3000 psi | 1.00 | 0.36 | CY | 152.00 | 106.250 | 161.50 | 58.14 |
| 2BF | FORM MATERIALS | 1.00 | 1.00 | EA | 75.00 | 106.250 | 79.69 | 79.69 |

Activity: 34510 Set 14X23" MES (Unreviewed) Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 495.29 | 208.02 | 703.31 | 535.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,238.99 |
| Total | 495.29 | 208.02 | 703.31 | 535.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,238.99 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,238.9900 | 3.0000 | 0.3333 | 412.9967 | 0.3000 | 3.3333 | 0.3000 | 4,129.9667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 18.0000 | 0.0556 | 18.0000 | 39.0728 | 495.2900 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 3.00 | HR | 32.05 | 100.000 | 32.05 | 96.15 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 3.00 | HR | 108.76 | 100.000 | 108.76 | 326.28 |
| 824413T | COMPACTOR PLATE | 1.00 | 3.00 | HR | 6.75 | 100.000 | 6.75 | 20.25 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 3.00 | HR | 8.00 | 100.000 | 8.00 | 24.00 |
| L10173 | FOREMAN PIPE | 1.00 | 3.00 | MH | 46.83 | 80.000 | 53.20 | 159.59 |
| L10240 | OPERATOR BACKHOE | 1.00 | 3.00 | MH | 25.70 | 110.000 | 40.14 | 120.43 |
| L10320 | OPERATOR LOADER | 1.00 | 3.00 | MH | 22.36 | 110.000 | 34.93 | 104.78 |
| L10400 | LABORER-SKILLED | 1.00 | 3.00 | MH | 19.37 | 110.000 | 30.26 | 90.77 |
| L10460 | PIPELAYERS | 2.00 | 6.00 | MH | 24.30 | 110.000 | 37.96 | 227.74 |

Activity: 34550.1 14x23" Form & Pour Apron (Unreviewed) Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 251.82 | 105.76 | 357.58 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 426.58 |
| Total | 251.82 | 105.76 | 357.58 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 426.58 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 426.5800 | 3.0000 | 0.3333 | 142.1933 | 0.3000 | 3.3333 | 0.3000 | 1,421.9333 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 39.7311 | 251.8200 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN PIPE | 1.00 | 3.00 | MH | 46.83 | 80.000 | 53.20 | 159.59 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 34590 14x23" Install Grate (Unreviewed) Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 167.88 | 70.51 | 238.39 | 46.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 284.39 |
| Total | 167.88 | 70.51 | 238.39 | 46.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 284.39 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 284.3900 | 2.0000 | 0.5000 | 142.1950 | 0.2000 | 5.0000 | 0.2000 | 1,421.9500 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 6.0000 | 0.1667 | 6.0000 | 39.7317 | 167.8800 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 2 Eff: 100.00 Crew Hrs: 2.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 2.00 | HR | 13.89 | 100.000 | 13.89 | 27.78 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 2.00 | HR | 9.11 | 100.000 | 9.11 | 18.22 |
| L10173 | FOREMAN PIPE | 1.00 | 2.00 | MH | 46.83 | 80.000 | 53.20 | 106.40 |
| L10410 | LABORER-COMMON | 1.00 | 2.00 | MH | 18.13 | 110.000 | 28.32 | 56.64 |
| L10450 | CONC. FINISHER | 1.00 | 2.00 | MH | 24.12 | 110.000 | 37.68 | 75.35 |

# Quotation



**Quote # QUO-674354-D9M9H7**

| | | | | | |
|---|---|---|---|---|---|
| **Date** | 06/19/2024 | **Account Name** | HUBBARD CONSTRUCTION COMPANY | **Reply-To** | |
| **Quote #** | QUO-674354-D9M9H7 | **Contact Name** | Sergio Da Silva Ribeiro Filho | **Account Manager** | Jennings Litchfield |
| **Revision #** | 1 | **Contact Phone** | (407) 645-5500 | **Address** | 2313 Vulcan Road, Apopka, FL 32703 |
| **Project Name** | GOAA BP-497 Taxiway | **Contact Fax** | (407) 623-3952 | **Phone** | 407-293-5126 |
| **Project #** | 751859 | **Contact Email** | sergio.filho@hubbard.com | **Fax** | 407-298-4439 |
| **Project Address** | Orlando, FL 32822 | | | **Email** | Jennings.Litchfield@Rinkerpipe.com |

**Rinker Materials' offer to sell the products described in this quotation is expressly conditioned upon Buyer's assent to the Rinker Materials' Standard Terms and Conditions ("Rinker Materials STCs") viewable at www.rinkerpipe.com. A valid tax exemption certificate must be issued to Rinker Materials or sales tax will be added.**

| Item # | Description | Part # | Quantity | Unit | Extended Unit Price | Unit Total |
|---|---|---|---|---|---|---|
| 120 | 14x23x8'CL5 PF MES 2:1 GBHERCP | 1310107 | 1.00 | EA | $1,179.00 | $1,179.00 |
| 125 | #711 Lubricant 8LB | 1181891 | 1.00 | EA | $11.00 | $11.00 |
| | | | | | **Total** | $1,190.00 |
| | | | | (Tax not included) | **Net Total** | $1,190.00 |

## Standard Notes

1.Pricing includes delivery based on full truck load quantities as near to the point of use as our trucks can move under their own power.
A price escalator of 5% will be added on 07/01/25 for all product not shipped and an additional 5% for every year thereafter.
This quotation is presented without review of the plans and specifications for this project. Products quoted are specified to only meet ASTM C-76, ASTM C-507 and FDOT Specifications for road and bridge construction. Any required deviation after review of plans and specifications will require re-quoting and void the quotation.

2.This Quotation and the pricing contained herein is expressly conditioned upon your acceptance of (i) the exceptions and changes proposed by us (any change to these exceptions and changes by you shall render this Quotation null and void, in our absolute discretion); and (ii) our Standard Terms and Conditions, without addition, deletion or change.

3.This quotation is presented without review of the plans and specifications for this project. Products quoted are specified to only meet ASTM C-507, ASTM C443. Any required deviation from ASTM C-507, ASTM C443 after review of plans and specifications will require re-quoting and void this quotation.

4.This quotation is presented without review of the plans and specifications for this project. Products quoted are specified to only meet ASTM C-76, ASTM C443. Any required deviation from ASTM C-76, ASTM C443 after review of plans and specifications will require re-quoting and void this quotation.

5.Valid for 30 days from the date of quotation.

**PAYMENT TERMS ARE NET10™ PROX, WITHOUT RETENTION OR SETOFF. THIS OFFER IS SUBJECT TO CREDIT APPROVAL. PRICES QUOTED APPLY ONLY TO THE REFERENCED PROJECT AND ARE IN EFFECT FOR 30 DAYS FROM THE DATE OF QUOTATION. PRICES ARE BASED ON THE QUANTITIES SHOWN. IF A DIFFERENT QUANTITY IS PURCHASED, RINKER MATERIALS RESERVES THE RIGHT TO ADJUST THE PRICES. THIS QUOTATION CONTAINS THE ENTIRE AGREEMENT WITH RESPECT TO PURCHASE AND SALE OF PRODUCTS DESCRIBED AND SUPERSEDES ALL PREVIOUS COMMUNICATIONS. BUYER'S SIGNATURE BELOW, DIRECTION TO MANUFACTURE, OR ACCEPTANCE OF DELIVERY OF GOODS DESCRIBED ABOVE, SHALL BE DEEMED AN ACCEPTANCE OF THE RINKER MATERIALS STCS. SELLER EXPRESSLY REJECTS ANY OTHER TERMS AND CONDITIONS. PRICES ARE F.O.B. ORIGIN (UNLESS OTHERWISE SPECIFIED IN THE STANDARD NOTES) WITH UNLOADING BY OTHERS AT A TRUCK ACCESSIBLE LOCATION.**

| **Acceptance** | | | |
|---|---|---|---|
| I WARRANT AND REPRESENT THAT I HAVE AUTHORITY TO ENTER INTO THIS AGREEMENT ON BEHALF OF THE BUYER. WE HEREBY ORDER THE DESCRIBED MATERIAL SUBJECT TO ALL TERMS AND CONDITIONS OF THIS QUOTATION AND IN THE RINKER MATERIALS STCS VIEWABLE AT www.rinkerpipe.com. | | **By** | Jennings Litchfield |
| Company | | **(O)** | 407-293-5126 |
| By | | **(F)** | 407-298-4439 |
| Title | | **(Cell)** | 321-377-1577 |
| Date | | **Title** | Sales Manager |

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install Structure S-20.**

**Description: Design changes altered Structure S-20. This structure was originally proposed as a double endwall. Bulletin #1 modified this structure to a Mitered End Section. This results in a minimal amount of labor and materials to supply, excavate for and install S-20.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 4 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 265.99 | | | | $ 265.99 |
| | Operator - Excavator | 4 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 256.51 | | | | $ 256.51 |
| | Laborer - Skilled | 8 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 432.82 | | | | $ 432.82 |
| | Laborer - Unskilled | 10 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 541.02 | | | | $ 541.02 |
| | Surveyor | 4 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 152.34 | | | | $ 152.34 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 4 | HR | $ 115.67 | | | E | | | $ 462.68 | | $ 462.68 |
| | Submersible Pump 20HP Power Unit | 24 | HR | $ 20.52 | | | E | | | $ 492.48 | | $ 492.48 |
| | Pickup F150 4x2 & 4x4 | 6 | HR | $ 26.76 | | | E | | | $ 160.56 | | $ 160.56 |
| **Materials** | 14" x 23" Mitered End Seciton | 1 | EA | $ 1,500.00 | | | M | | $1,500.00 | | | $ 1,500.00 |
| | Mitered End Section Grate | 1 | EA | $ 150.00 | | | M | | $150.00 | | | $ 150.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | | | | | | | | | | | $ - | |
| | SUB-TOTALS w/out markups | | | | | | | $1,648.68 | $1,650.00 | $1,115.72 | $0.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $1,648.68 |
| MATERIAL | $1,650.00 |
| MATERIAL TAX 6.5% | $107.25 |
| EQUIPMENT | $1,115.72 |
| SUBTOTAL | $4,521.65 |
| OH & P 15% < $25,000 | $678.25 |
| OH & P 12% $25,001 TO $500,00 | $0.00 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$5,199.89** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $0.00 |
| OH & P 10% on 1ST $25,000 | $0.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$0.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$5,199.89**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager

**BP-497 TAXIWAYS G & H REHABILITATION - PHASE 1**

***BASE BID & ALTERNATES***

**Bulling No.1 JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-23)**

| Biditem | Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-23) | 1.00 | EA | $85,052.36 | 850.98 | $33,223.04 | $20,386.58 | $19,981.12 | $11,461.62 | $85,052.36 |
| | | | | | | | | | | | 85,052.36 |
| | | **Subtotal** | | | | 850.98 | $33,223.04 | $20,386.58 | $19,981.12 | $11,461.62 | $85,052.36 |
| | | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | | **Markup Total** | | | | | $3,986.76 | $2,446.39 | $2,397.73 | $916.93 | $9,747.82 |
| | | **Subtotal** | | | | | | | | | $94,800.18 |
| | | **Bond** | | | | | | | | | |
| | | **Total** | 1.00 | EA | $94,800.18 | | | | | | $94,800.18 |

| Labor Rate Adjustment Cost | | | | |
|---|---|---|---|---|
| | **Labor** | **Equipment** | **Materials** | **Sub** |
| **Proposed Value** | $ 33,223.04 | $ 20,386.58 | $ 19,561.29 | $ 11,420.00 |
| **2.3% Deduction LABOR ONLY** | **$ 32,458.91** | | | |
| **Markup %** | 0.12 | 0.12 | 0.12 | 0.08 |
| **Markup Total** | $ 3,986.76 | $ 2,446.39 | $ 2,347.35 | $ 913.60 |
| **Subtotal** | $ 36,445.67 | $ 22,832.97 | $ 21,908.64 | $ 12,333.60 |
| **Total** | **$** | | | **93,520.89** |

Labor rates for this item have been adjusted to reflect the approved rates in the list below. The cost for the item is being adjusted here with the consent of the Contractor. A complete breakdown of the costs with the corrected labor rates will be submitted for the record.

| Classification | Bare Rate | Straight time rate (42% burden) | Overtime rate (30% burden) | Overtime rate (30% burden) - AS REVIEWED | (40 hr) Straight time rate (42% burden) | (10 Hr) Overtime rate (30% burden) | (10 Hr) Overtime rate (30% burden) - AS REVIEWED | Unit Rate | Unit Rate - AS REVIEWED |
|---|---|---|---|---|---|---|---|---|---|
| Working Foreman | $ 46.83 | $ 66.50 | $ 96.94 | $ 91.33 | $ 2,660.00 | $ 969.40 | $ 913.30 | $ 73.15 | $ 71.47 |
| Carpenter | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Labor- Skilled | $ 19.37 | $ 27.50 | $ 40.09 | $ 37.78 | $ 1,100.00 | $ 400.88 | $ 377.80 | $ 30.25 | $ 29.56 |
| Labor - Common | $ 18.13 | $ 25.75 | $ 37.54 | $ 35.36 | $ 1,030.00 | $ 375.37 | $ 353.60 | $ 28.32 | $ 27.67 |
| Concrete Finisher | $ 24.12 | $ 34.25 | $ 49.93 | $ 47.03 | $ 1,370.00 | $ 499.28 | $ 470.30 | $ 37.67 | $ 36.81 |
| Pipe Layer | $ 24.30 | $ 34.50 | $ 50.29 | $ 47.39 | $ 1,380.00 | $ 502.92 | $ 473.90 | $ 37.95 | $ 37.08 |
| Operator - Excavator | $ 25.70 | $ 36.50 | $ 53.21 | $ 50.12 | $ 1,460.00 | $ 532.08 | $ 501.20 | $ 40.15 | $ 39.22 |
| Operator - Dozer | $ 26.76 | $ 38.00 | $ 55.39 | $ 52.18 | $ 1,520.00 | $ 553.94 | $ 521.80 | $ 41.80 | $ 40.84 |
| Operator - Loader | $ 22.36 | $ 31.75 | $ 46.28 | $ 43.60 | $ 1,270.00 | $ 462.83 | $ 436.00 | $ 34.92 | $ 34.12 |
| Operator - Grader | $ 25.75 | $ 36.57 | $ 53.31 | $ 50.22 | $ 1,462.80 | $ 533.10 | $ 502.20 | $ 40.23 | $ 39.30 |
| Operator - Roller | $ 19.01 | $ 27.00 | $ 39.36 | $ 37.08 | $ 1,080.00 | $ 393.59 | $ 370.80 | $ 29.70 | $ 29.02 |
| Electrician Working Forema | $ 58.75 | $ 83.43 | $ 121.62 | $ 114.57 | $ 3,337.20 | $ 1,216.18 | $ 1145.70 | $ 91.77 | $ 89.66 |
| Electrician | $ 34.50 | $ 48.99 | $ 71.42 | $ 67.28 | $ 1,959.60 | $ 714.15 | $ 672.80 | $ 53.89 | $ 52.65 |

# S-23 _ D-751-5.2 (Inlet Box, Special Large (Aircraft Rated))

| Client | Description | Quantity | Units | Total Bid Unit Price | Manhours | Labor | Equipment | Materials | Sub | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|
| | JUNCTION BOXES, (AIRCRAFT RATED) (C.I.P. S-23) | 1.00 | EA | $85,052.36 | 850.98 | $33,223.04 | $20,386.58 | $19,981.12 | $11,461.62 | $85,052.36 |
| | | | | | | | | | | 85,052.36 |
| | **Subtotal** | | | | 850.98 | $33,223.04 | $20,386.58 | $19,981.12 | $11,461.62 | $85,052.36 |
| | **Markup Percent** | | | | | 12% | 12% | 12% | 8% | |
| | **Markup Total** | | | | | $3,986.76 | $2,446.39 | $2,397.73 | $916.93 | $9,747.82 |
| | **Subtotal** | | | | | | | | | $94,800.18 |
| | **Bond** | | | | | | | | | |
| | **Total** | 1.00 | EA | $94,800.18 | | | | | | $94,800.18 |

Notes: C.I.P. MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-23)ESI No. 8

CONCRETE TOTAL = 28 CY
REBAR TOTAL = 11,560 LBS

FORM TOTAL = 760 SF
Wall = 530 SF
Bottom = 90 SF
Top = 140 SF

Cast-in-Place Drainage Junction Boxes (Interior 16ft x 4ft), bottom slab 21'x9'x1.33', 5.4' Depth.

**Biditem** **MANHOLES/JNCTION BOXES SPECIAL AIRCRAFT RATED S-23**

# 110

Takeoff Qty: 1.000 EA
Bid Qty: 1.000 EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 23,396.50 | 9,826.54 | 33,223.04 | 20,386.58 | 19,862.32 | 118.80 | 11,461.62 | 0.00 | 0.00 | 0.00 | 85,052.36 |
| Total | 23,396.50 | 9,826.54 | 33,223.04 | 20,386.58 | 19,862.32 | 118.80 | 11,461.62 | 0.00 | 0.00 | 0.00 | 85,052.36 |

| Manhours | Unit/MH | MH/Unit | $/MH | Base Labor/MH | Total Labor/MH | Unit/CH |
|---|---|---|---|---|---|---|
| 850.9800 | 0.0012 | 850.9800 | 99.9464 | 27.4936 | 39.0409 | 0.0016 |

Activity: 10.01 Concrete Matl, Class IV, 5500 Quantity: 28.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 207.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 207.07 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 5,798.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,798.00 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2B1030 | Conc 5500 psi | 1.00 | 28.00 | YD3 | 168.00 | 106.250 | 178.50 | 4,998.00 |
| 2B1048 | Fuel Surcharge | 1.00 | 3.00 | LD | 75.00 | 100.000 | 75.00 | 225.00 |
| 2B1050 | Envir Fees | 1.00 | 3.00 | LD | 25.00 | 100.000 | 25.00 | 75.00 |
| 2B1052 | Min Load | 1.00 | 2.00 | LD | 250.00 | 100.000 | 250.00 | 500.00 |

Activity: 10.03 Form Matl. Quantity: 760.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 800.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 800.91 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BF301 | Box Culvert Footing Form | 1.00 | 90.00 | FT2 | 0.63 | 106.250 | 0.67 | 60.24 |
| 2BF303 | Box Culvert Wall Form | 1.00 | 530.00 | FT2 | 0.63 | 106.250 | 0.67 | 354.77 |
| 2BF305 | Box Culvert Top Form | 1.00 | 140.00 | FT2 | 0.63 | 106.250 | 0.67 | 93.71 |
| 2BFENG | Form Mtls Engineering Fees | 1.00 | 1.00 | EA | 275.00 | 106.250 | 292.19 | 292.19 |

Activity: 10.04 Rebar Matl. Quantity: 11560.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 8,229.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | ~~8,229.28~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction $7,830.09

| Resource | Description | Pcs/Wste | Quantity | Unit | | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|---|
| 2B2005 | Rebar Matl (black) | 1.00 | 11,560.00 | LB | .06125 | ~~0.65~~ | 106.250 | 0.69 | ~~7,983.63~~ |
| 2B2007 | Rebar Accessories | 1.00 | 11,560.00 | LB | .025 | ~~0.02~~ | 106.250 | 0.02 | ~~245.65~~ |

Activity: 10.05 Unld / Handle Rebar Quantity: 11560.00 Unit: LB

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.12 | 0.05 | 0.17 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 |
| Total | 1,383.75 | 581.18 | 1,964.93 | 1,143.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,107.93 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 0.2689 | 0.0010 | 1,000.0000 | 268.8521 | 1.1560 | 10,000.0000 | 0.0001 | 2,688.5208 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 57.8000 | 200.0000 | 0.0050 | 33.9953 | 0.1197 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA5220 CONC;REBAR,UNLD/HNDL Prod: UH 1000 Eff: 100.00 Crew Hrs: 11.56 Labor Pcs: 5.00 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 819143 | (R) CRANE, RT 21-40 TON | 1.00 | 11.56 | HR | 98.88 | 100.000 | 98.88 | 1,143.00 |
| L10271 | OPERATOR CRANE BRIDGE | 1.00 | 11.56 | MH | 36.30 | 110.000 | 56.70 | 655.46 |
| L10411 | LABORER-COMMON BRIDGE | 4.00 | 46.24 | MH | 18.13 | 110.000 | 28.32 | 1,309.47 |

Activity: 10.07 Neenah Frame & Grate Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2DR3492 | Neenah R-3492-1 | 1.00 | 1.00 | EA | 3,178.00 | 106.250 | 3,376.63 | 3,376.63 |

Activity: 10.08 Bedding Stone Quantity: 24.00 Unit: TON

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 0.00 | 0.00 | 0.00 | 0.00 | 31.88 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 36.83 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 765.00 | 118.80 | 0.00 | 0.00 | 0.00 | 0.00 | ~~883.80~~ |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction $863.16

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2AG055 | # 57 (1- #4) | 1.00 | 24.00 | TON | 30.00 | 106.250 | 31.88 | 765.00 |
| 335110 | Misc Aggregate Haul | 1.00 | 24.00 | TON | ~~4.95~~ $4.09 | 100.000 | 4.95 | ~~118.80~~ |

Activity: 20.01 Excv. for Junction Box Quantity: 75.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 11.94 | 5.02 | 16.96 | 11.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.86 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 28.8633 | 0.0667 | 15.0000 | 432.9500 | 0.5000 | 150.0000 | 0.0067 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 2.5000 | 0.4000 | 42.3983 | 11.9432 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 15 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.02 Grade for Junction Box Quantity: 300.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 2.99 | 1.25 | 4.24 | 2.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.22 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 7.2158 | 0.0167 | 60.0000 | 432.9500 | 0.5000 | 600.0000 | 0.0017 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 10.0000 | 0.1000 | 42.3983 | 2.9858 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 60 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 20.03 Backfill Junction Box Quantity: 15.00 Unit: YD3

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 59.72 | 25.08 | 84.80 | 59.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 144.32 |
| Total | 895.74 | 376.21 | 1,271.95 | 892.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,164.75 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 144.3167 | 0.3333 | 3.0000 | 432.9500 | 0.5000 | 30.0000 | 0.0333 | 4,329.5000 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 30.0000 | 0.5000 | 2.0000 | 42.3983 | 59.7160 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3423 PIPWRK;W/33-T BCKHOE Prod: UH 3 Eff: 100.00 Crew Hrs: 5.00 Labor Pcs: 6.00 Equipment Pcs: 6.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 5.00 | HR | 13.89 | 100.000 | 13.89 | 69.45 |
| 822505 | LOADER 2-1/2CY CAT | 1.00 | 5.00 | HR | 32.05 | 100.000 | 32.05 | 160.25 |
| 823204 | BACKHOE 330 - 33T | 1.00 | 5.00 | HR | 108.76 | 100.000 | 108.76 | 543.80 |
| 824413T | COMPACTOR PLATE | 1.00 | 5.00 | HR | 6.75 | 100.000 | 6.75 | 33.75 |
| 839820 | MISC. PIPE TOOLS | 1.00 | 5.00 | HR | 9.11 | 100.000 | 9.11 | 45.55 |
| 884396 | (R) TRENCH BOX 20*8' | 1.00 | 5.00 | HR | 8.00 | 100.000 | 8.00 | 40.00 |
| L10173 | FOREMAN | 1.00 | 5.00 | MH | 46.83 | 110.000 | 73.15 | 365.75 |
| L10240 | OPERATOR BACKHOE | 1.00 | 5.00 | MH | 25.70 | 110.000 | 40.14 | 200.72 |
| L10320 | OPERATOR LOADER | 1.00 | 5.00 | MH | 22.36 | 110.000 | 34.93 | 174.63 |
| L10400 | LABORER-SKILLED | 1.00 | 5.00 | MH | 19.37 | 110.000 | 30.26 | 151.28 |
| L10460 | PIPELAYERS | 2.00 | 10.00 | MH | 24.30 | 110.000 | 37.96 | 379.57 |

Activity: 30.01 F/P/S Junction Box Quantity: 760.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 20.98 | 8.81 | 29.78 | 15.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 45.72 |
| Total | 15,941.20 | 6,695.31 | 22,636.51 | 12,114.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 34,750.91 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 45.7249 | 0.1053 | 9.5000 | 434.3864 | 8.0000 | 95.0000 | 0.0105 | 4,343.8638 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 560.0000 | 1.3571 | 0.7368 | 40.4223 | 20.9753 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3333 (Mod) CONC;BX CULV, 5 MAN W/CR Prod: UH 9.5 Eff: 100.00 Crew Hrs: 80.00 Labor Pcs: 7.00 Equipment Pcs: 6.00

Notes: Form; 4 shifts
Pour; 3 shift
Strip; 1 shift

.

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 814101T | GENERATOR SMALL | 1.00 | 80.00 | HR | 1.00 | 100.000 | 1.00 | 80.00 |
| 814202T | (R) AIR COMPRESSOR 200 CFM | 1.00 | 80.00 | HR | 6.50 | 100.000 | 6.50 | 520.00 |
| 816312 | TRUCK PICKUP <3/4 TON | 1.00 | 80.00 | HR | 12.17 | 100.000 | 12.17 | 973.60 |
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 80.00 | HR | 13.89 | 100.000 | 13.89 | 1,111.20 |
| 823206 | BACKHOE 390 - 39T | 1.00 | 80.00 | HR | 108.76 | 100.000 | 108.76 | 8,700.80 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 80.00 | HR | 9.11 | 100.000 | 9.11 | 728.80 |
| L10170 | FOREMAN | 1.00 | 80.00 | MH | 46.83 | 110.000 | 73.15 | 5,851.88 |
| L10240 | OPERATOR BACKHOE | 1.00 | 80.00 | MH | 25.70 | 110.000 | 40.14 | 3,211.47 |
| L10410 | LABORER-COMMON | 2.00 | 160.00 | MH | 18.13 | 110.000 | 28.32 | 4,531.05 |
| L10430 | CARPENTER | 3.00 | 240.00 | MH | 24.12 | 110.000 | 37.68 | 9,042.11 |

Activity: 30.02 Pump Concrete Quantity: 28.00 Unit: YD3

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 2BRT03 | Conc Pumping | 1.00 | 28.00 | YD3 | 30.00 | 106.250 | 31.88 | 892.50 |

Activity: 30.03 Point & Patch Quantity: 760.00 Unit: FT2

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 1.40 | 0.59 | 1.99 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.32 |
| Total | 1,064.15 | 446.94 | 1,511.09 | 249.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,760.87 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 2.3169 | 0.0143 | 70.0003 | 162.1860 | 1.0857 | 700.0028 | 0.0014 | 1,621.8603 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 32.5800 | 23.3272 | 0.0429 | 46.3809 | 1.4002 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: UH 70 Eff: 100.00 Crew Hrs: 10.86 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 10.86 | HR | 13.89 | 100.000 | 13.89 | 150.85 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 10.86 | HR | 9.11 | 100.000 | 9.11 | 98.93 |
| L10190 | FOREMAN | 1.00 | 10.86 | MH | 46.83 | 110.000 | 73.15 | 794.39 |
| L10410 | LABORER-COMMON | 1.00 | 10.86 | MH | 18.13 | 110.000 | 28.32 | 307.54 |
| L10450 | CONC. FINISHER | 1.00 | 10.86 | MH | 24.12 | 110.000 | 37.68 | 409.16 |

Activity: 40.02 Install frame & grate Quantity: 1.00 Unit: EA

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |
| Total | 293.97 | 123.47 | 417.44 | 69.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 486.44 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 486.4400 | 3.0000 | 0.3333 | 162.1467 | 0.3000 | 3.3333 | 0.3000 | 1,621.4667 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 9.0000 | 0.1111 | 9.0000 | 46.3822 | 293.9700 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA3185 PIPWRK; TRIM & FINISH Prod: HU 3 Eff: 100.00 Crew Hrs: 3.00 Labor Pcs: 3.00 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 816343 | TRUCK, FLATBED, 1 TON | 1.00 | 3.00 | HR | 13.89 | 100.000 | 13.89 | 41.67 |
| 839830 | MISC. SMALL TOOLS | 1.00 | 3.00 | HR | 9.11 | 100.000 | 9.11 | 27.33 |
| L10173 | FOREMAN | 1.00 | 3.00 | MH | 46.83 | 110.000 | 73.15 | 219.45 |
| L10410 | LABORER-COMMON | 1.00 | 3.00 | MH | 18.13 | 110.000 | 28.32 | 84.96 |
| L10450 | CONC. FINISHER | 1.00 | 3.00 | MH | 24.12 | 110.000 | 37.68 | 113.03 |

Activity: 50.01 Install Rebar - SUB Quantity: 11560.00 Unit: LB

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Constru $8,670.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 450300 | Reinforcing Steel Install | 1.00 | 11,560.00 | LBS | 0.75 | 100.000 | 0.75 | 8,711.62 |

Activity: 60.1 DEWATERING, SUBCONTRACT Quantity: 1.00 Unit: EA

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 446201 | Install Wellpoints, Storm | 1.00 | 1.00 | EA | 2,750.00 | 100.000 | 2,750.00 | 2,750.00 |

Activity: 60.2 WELPT / SOCK, PUMP OPER. PIP Quantity: 2.00 Unit: WK

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 438.75 | 184.28 | 623.02 | 770.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,393.02 |
| Total | 877.49 | 368.55 | 1,246.04 | 1,540.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,786.04 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 1,393.0200 | 110.0000 | 0.0091 | 12.6638 | 22.0000 | 0.0909 | 11.0000 | 126.6382 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 44.0000 | 0.0455 | 22.0000 | 28.3191 | 438.7450 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1818 (Mod) PIPWRK;WELLP,OPER LONG TERM Prod: HU 110 Eff: 100.00 Crew Hrs: 220.00 Labor Pcs: 0.20 Equipment Pcs: 1.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821320 | (R) PUMP, WELLPOINT, 8" | 1.00 | 220.00 | HR | 7.00 | 100.000 | 7.00 | 1,540.00 |
| L10410 | LABORER-COMMON | 0.20 | 44.00 | MH | 18.13 | 110.000 | 28.32 | 1,246.04 |

Activity: 60.3 By Pass Pumping Quantity: 12.00 Unit: DY

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U. Cost | 95.73 | 40.21 | 135.93 | 216.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 351.93 |
| Total | 1,148.72 | 482.46 | 1,631.18 | 2,592.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,223.18 |

| Crew $/Unit | Crew Hrs/Unit | Units/Crew Hr | $/Crew Hour | Shifts | Units/Shift | Shifts/Unit | $/Shift |
|---|---|---|---|---|---|---|---|
| 351.9317 | 24.0000 | 0.0417 | 14.6638 | 28.8000 | 0.4167 | 2.4000 | 146.6382 |

| Manhours | Unit/MH | MH/Unit | Total Labor/MH | Base Labor/Unit |
|---|---|---|---|---|
| 57.6000 | 0.2083 | 4.8000 | 28.3191 | 95.7267 |

Calendar: 50 HCC Labor 50 hr/wk Hrs/Shift: 10 WC: 5507 Street/Road Construction

Crew: AA1825 (Mod) PUMPING Prod: HU 24 Eff: 100.00 Crew Hrs: 288.00 Labor Pcs: 0.20 Equipment Pcs: 2.00

| Resource | Description | Pcs/Wste | Quantity | Unit | Unit Cost | Tax/OT % | Actual UC | Total |
|---|---|---|---|---|---|---|---|---|
| 821182 | (R) PUMP HYDRAULIC 8" | 1.00 | 288.00 | HR | 7.00 | 100.000 | 7.00 | 2,016.00 |
| 821200 | (R) 8" DISCHARGE PIPE, 100' | 1.00 | 288.00 | HR | 2.00 | 100.000 | 2.00 | 576.00 |
| L10410 | LABORER-COMMON | 0.20 | 57.60 | MH | 18.13 | 110.000 | 28.32 | 1,631.18 |

**Report Summary**

| | Base Labor | Burden | Total Labor | Equipment | Perm Matls | Const Matls | Sub | Asphalt | DOT Allow | Contingenc | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | 179,021 | 75,189 | 254,209 | 157,171 | 152,901 | 703 | 78,993 | 0 | 0 | 0 | 643,978 |

| | |
|---|---|
| Date: | 06/26/2023 |
| Project: | GOAA BP-497 TAXIWAY G&H REHAB PHASE 1 |
| Location: | ORLANDO, FL |
| Engineer: | AECOM |
| Estimate No: | E2333150 |

CMC Steel Fabricators, Inc., dba CMC Rebar ("CMC") proposes to furnish the following described materials for the above project, in accordance with the conditions of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute. The bid proposal will be governed by the terms and conditions outlined in Exhibit A attached hereto, which is hereby fully incorporated by reference. The terms and conditions of this proposal (including "Standard Bid Terms and Conditions", attached) constitute a binding contract when accepted by the Buyer. Buyer's acceptance shall be effective when Buyer signs this proposal or permits CMC to commence work for the project.

**This proposal expires in (30) calendar days from the date of this proposal. No price will be valid for more than (30) calendar days without a mutually agreed upon Purchase Order executed by both CMC and Buyer. Any agreement is subject to credit approval and availability of rebar & other items.**

**Base Bid Unit Price:**

Approximately **112** tons of reinforcing steel, cut to length, bent to detail, bundled and tagged.

*For unit price proposals, the weight stated herein is for estimating purpose only. The buyer accepts full risk in the event the total shipped weight exceeds the weight stated herein.*

F.O.B. Jobsite as near as conditions permits, with two hours maximum unloading time per truck. Deliveries are to be made in full truckload quantities.

**This quote is based on full truckload (40,000 lbs. min.) deliveries. Any delivery less than the minimum will be subject to added freight premiums up to $650 for each underweight shipment.**

**FOR THE UNIT PRICE .....$ 1,225.00 PER TON – GRD 60 UNCOATED** plus any applicable taxes

**FOR THE UNIT PRICE .....$ 50.00 PER TON – Bar Supports, plus tax. This is a budgetary Unit Price only. Actual bar supports required may be more or less than stated and will be billed at unit prices per linear foot and/or each piece once actual supports required can be determined.**

*If this project is tax exempt, please provide CMC with an exemption certificate.*

This proposal is based on the following documents:
**Drawings:**
CS001, IS0.0.1, IS0.0.2, C0.0.1, C0.0.2, C0.0.3, C1.0.1, C2.0.1, C2.0.2, C3.0.1, C3.0.2, C3.0.3, C3.0.4, C3.0.5, C3.0.6, CD3.0.1, CD3.0.2, CD3.0.3, CD3.0.4, CD3.0.5, CD3.0.6, CD3.0.7, CD3.0.8, CD3.0.9, C4.0.1, C4.0.2, C4.0.3, C4.0.4, C4.0.5, C4.0.6, C4.0.7, C4.0.8, C7.0.1, C7.0.2, C7.0.3, C7.0.4, C7.0.5, C7.0.6, C7.0.7, C7.0.8, C7.0.9, C8.0.1, C8.0.2, C8.0.3, C8.0.4, C8.0.5, C8.0.6, C8.0.7, C8.0.8, C9.0.1, C9.0.2, C9.0.3, C9.0.4, C9.0.5, C9.0.6, C11.0.1, C11.0.2, C11.0.3, C11.0.4, C11.0.5, C11.0.6, C11.0.7, C11.0.8, C11.0.9, C11.0.10, C11.0.11, C11.0.12, C11.0.13, C11.0.14, C11.0.15, C11.0.16, C11.0.17, C11.0.18, C11.0.19, C11.0.20, C11.0.21, C11.0.22, C11.0.23, C11.0.24, C11.0.25, C11.0.26, C11.0.27, C12.0.1, C12.0.2, C12.0.3, C12.0.4, C12.0.5, C12.0.6, C12.0.7, C15.0.13, C15.0.20, C15.0.21, C15.0.30, C60.0.0, C60.0.1, C60.0.1A, C60.0.1B, C60.0.2, C60.0.3, C60.0.3A, C60.0.4, C60.0.4A, C60.0.5, C61.0.1, C61.0.2 DATED 04/03/2023 BID DOCUMENTS

**Specifications:** None
**Addenda:** BP-497 ADDENDUM NO.1 DATED 04-20-2023, BP-497 ADDENDUM NO.2 DATED 04-24-2023, BP-497 ADDENDUM NO.3 DATED 04-27-2023, BP-497 ADDENDUM NO.4 DATED 05-03-2023, BP-497 ADDENDUM NO.5 DATED 04-04-2023, BP-497 ADDENDUM NO.6 DATED 05-05-2023

**Extra to Contract and Change Order Pricing**: Current market price plus freight and, $100.00/per hour for additional detailing and/or estimating.

**SHELBY ERECTORS**

**BRIDGE REBAR AND METAL DECK SPECIALIST**
4575 Oakes Road, Davie, FL 33314
jennifernix@shelbyerectors.com
(954) 256-7499 work / (888) 818-9108 fax
FDOT Certified DBE

## PROPOSAL

June 23, 2023
**GOAA BP-497 Taxiway Drainage Structures**
**Orange County, Florida**
**Project No. 3-12-0057-xxx-2023**

**Pricing is Valid for 90 Days from Date of Proposal**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **I) 101-1 Mobilization** | **(Reinforcing Steel Structures)** | | | | | **Lump Sum (7.5%)** | **$** | **4,266.00** |
| **II) Installation of reinforcing steel. ( labor only )** | | | | | | | | |
| **Structures** | | | | | | | | |
| | Drainage Structures | approx. | 90,000 | lbs. at | $ 0.632 | per lb. = | $ | 56,880.00 |
| | | | **90,000** | | | | **$** | **56,880.00** |
| | | | | | | **AVERAGE UNIT PRICE =** | **$** | **0.632** |
| **III) Training & Badging Requirements** | | 8 Ironworkers | | @ | $ 425.00 | EACH | **$** | **3,400.00** |

## SPECIAL CONDITIONS OF PROPOSAL

1) **Shelby Erectors Proposal has included an allowance for Overtime not to exceed 45 hours per work week. All Overtime in excess of 45 hours per week shall be extra to the contract value and paid for by change order.**

Schedule Options
a) M-F x 9 Hour Shifts - weather make-up Saturday
b) M-F x 8 Hour Shifts with 5 Hour shift Saturday - weather make-up Saturday
c) M-TH x 10 Hour Shifts with 5 Hour shift Friday - weather make-up Saturday

**** Additional Overtime allowance can be built into pricing upon request

**Labor Escalation:**
**Unit prices are valid for work performed through 6/30/2025 (2 Years)**
**Unit prices increase 5% beginning 7/1/2025 and each six (6) months thereafter through the completion of the project.**

THIS PROPOSAL IS EXPRESSLY SUBJECT TO THE CONDITIONS OF ATTACHED CLARIFICATION AND EXHIBIT SHEET, AND THE REVIEW AND ACCEPTANCE OF ANY OTHER DOCUMENT.

**Customer Service:**
*Orlando Concrete - (407) 243-5325*
*Orange, Osceola, Seminole*

**Prepared for:** Hubbard Construction
**Contact Name:** Santiago Fernandez
**Phone:**
**Email:** Santiago.Fernandez@Hubbard.com

**Project ID:** GOAA BP-497 Taxiways G & H
**Location:**
**FIN #:**
**County:** Orange

**Effective Date:** May 1, 2023
**Escalator Date:** January 1, 2024
**Escalator Amt:** $8.00
**Recurrance:** Every 6 Months
**Expiration:** December 31, 2025
**Terms:** NET 15 Days

**CEMEX Representative:** Jeremy Johnson
**Phone:** 386-589-3819
**Email:** jeremy.johnson@cemex.com

THE PRICES STATED HEREIN, UNLESS OTHERWISE AGREED TO BY THE PARTIES IN WRITING, ARE SUBJECT TO CEMEX STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY 'TERMS AND CONDITIONS' TO THE CONTRARY IN ANY PURCHASE ORDER OR OTHER DOCUMENT. **THIS QUOTATION IS OFFERED FOR WRITTEN ACCEPTANCE WITHIN (15) DAYS, AFTER WHICH IT IS SUBJECT TO CONFIRMATION BY THE SELLER.**

| MATERIAL | DESCRIPTION | UNIT PRICE | UOM |
|---|---|---|---|
| | **STANDARD CONCRETE** | | |
| | FDOT CLASS NS | $148.00 | CYD |
| | FDOT CLASS I | $152.00 | CYD |
| | FDOT CLASS II - 4500 | $158.00 | CYD |
| | FDOT CLASS IV - 5500 | $168.00 | CYD |
| | **MISCELLANEOUS ADD-ONS** | | |
| | *** Job is bid per 90 min specification and rejected loads due to time are the responsibility of the contractor. *** | | |
| | *** If temperature control is required, the cost incurred is the responsibility of the contractor. *** | | |
| | *** All mix testing costs and gate badging costs incurred are the responsibility of the contractor. *** | | |
| | ADD FOR #89 LIMESTONE | $15.00 | CYD |
| | ADD FOR SUPERPLASTICIZER | $10.00 | CYD |
| | TEMPERATURE CONTROL - ICE | $1.00 | LB |
| | **SUPPLEMENTAL CHARGES** | | |
| | ENVIRONMENTAL FEE | $25.00 | PER LOAD |
| | VARIABLE FUEL SURCHARGE - **ADJUSTED MONTHLY** | $75.00 | PER LOAD |
| | CONCRETE HANDLING FEE | $10.00 | PER LOAD |
| | PUMP PRIMER CHARGE | $500.00 | CYD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 1-3 CYDS** | $350.00 | PER LOAD |
| | MINIMUM LOAD CHARGE FOR DELIVERIES - **CONCRETE 4-8 CYDS** | $250.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **PARTIAL LOAD** | $125.00 | PER LOAD |
| | CONCRETE DISPOSAL FEE - **FULL LOAD** | $300.00 | PER LOAD |
| | PLANT OPENING FEE (Monday - Friday from 12AM - 6AM) - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | PLANT OPENING FEE (Monday - Friday from 6PM - 12AM) - **BID UPON REQUEST** | | |
| | SATURDAY DELIVERY CHARGE - **HOURLY (4 HR. MINIMUM)** | $400.00 | HOUR |
| | SUNDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | HOLIDAY OPENING CHARGE - **BID UPON REQUEST** | | |
| | ***** ALL ORDERS BETWEEN 6PM AND 6AM MUST BE SCHEDULED FIRMLY 48 HOURS IN ADVANCE ***** | | |
| | CANCELATION FEE FOR ORDERS LESS THAN 50 CYD | $2,500.00 | EA |
| | CANCELATION FEE FOR ORDERS GREATER THAN 50 CYD | $4,500.00 | EA |

SUBMITTED BY: Jeremy Johnson

Prepared for: Hubbard Construction

Project: GOAA BP-497 Taxiways G & H

County: Orange

## SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____
Signature: _____

# Quote : 226370
# 2/7/2024

**Customer**

HUBBARD CONSTRUCTION CO
ATTN EQUIPMENT ACCT
ORLANDO
FL 32824

**Job Site**

OIA BP 496 Taxiway Rehab
Cargo Road
Orlando
FL 32827
Report To :

**Ordered By**

Larry Tuxbury Cell: (407) 448-2305
larry.tuxbury@hubbard.com Office:

**Sims Representative**

George Carr (863) 602-3131
george.carr@simscrane.com

Job Date: 02/26/2024
Job Time: 07:00 AM
Ending Date: 03/26/2024
Ending Time:
P.O:

Checked By: **CARR, GEORGE**
Taken By:

Back: 60' Up: 0' In: 0'
Radius: 60' Heaviest Pick: 10,000lbs

Description of Work: Concrete Bucket work

Equipment Required: 75 ton RT 20' straps and shackles good for 10,000lbs
signed quote required

Comments: **set up as directed**

| Item Description | Quantity | Unit Meas | Rate | Amount |
|---|---|---|---|---|
| 75 Ton Rough Terrain Crane Operated Rental<br>Monthly<br>30days | 1.00 | Month-Calend | $24,617.00 | $24,617.00 |
| Permit Charge | 1.00 | Each | $75.00 | $75.00 |
| Operator Overtime | 0.00 | Hour | $60.00 | $0.00 |
| Delivery Charge | 1.00 | Each | $750.00 | $750.00 |
| Pickup Charge | 1.00 | Each | $750.00 | $750.00 |
| Compliance, Fuel, and Parts Fee | 1.00 | Each | 5.00% | $1,305.85 |
| | | | **Estimated Minimum Total:** | **$27,497.85** |

****Quote valid for 30 days-Subject to confirmed acknowledgement of availability at time of order****

**Efectve 8/1/2022, a 3% Convenience Fee will be assessed for all payments made by credit card**

Coleman, Florida 33521 / Phone: 352-748-3941

| | | | |
|---|---|---|---|
| Customer: | Hubbard Construction | Quote Date: | 03 / 01 / 2024 |
| To: | Sergio Filho | Valid Thru: | 12 / 31 / 2024 |
| Customer Email: | Sergio.Filho@hubbard.com | Quote #: | QID1-030124019 |
| Job Name: | GOAA BP-497 Taxiways G & H | Prepared By: | Daniel Grajeda |
| Job Address: | Wiley Dr Orlando, FL | Submitted By: | Cody Richell |

| Material | Quantity | Haul Only or Delivered | Source | Central Florida Transport | | Central Florida Logistics | |
|---|---|---|---|---|---|---|---|
| | | | | Tractor Trailer | UOM | Tri-Axle (Mini) | UOM (18-TCY) |
| #57 Limestone | Open | Haul Only | Mid Coast Aggregates (MCA) | $12.12 | TON | | |
| Recycled #57 | Open | Haul Only | Crush Supply Kissimmee | $5.13 | TON | | |
| | Open | Haul Only | S&L Pershing Kissimmee | $7.00 | TON | | |
| | Open | Haul Only | Arcosa Orlando | $4.09 | TON | | |
| | Open | Haul Only | S&L Crusher Eunice | $7.26 | TON | | |
| | Open | Haul Only | Arcosa Kissimmee | $200.00 | LOAD | | |
| #57 Limestone FDOT | Open | Haul Only | Vulcan Taft | $4.20 | TON | | |
| | Open | Haul Only | Cemex City Point | $10.22 | TON | | |
| | | | | | | | |

**TERMS**

1. Pay terms are NET 30 Days.
2. An Interest rate of 1.5% (18% Annually) is subject to be applied to payments made after 45 days of the invoice date.
3. Any Payments exceeding 45 days from the date of invoice are subject to a disruption of service until the account is made current.
4. Price will increase by 10% annually at the beginning of each calendar year starting 1-1-2025.
5. **Rates are based on a fuel cost of $4.00 per gallon. Rates will increase by 1% for every .07 cents in additional fuel costs from the date of the bid through the duration of the job. If applicable, rates will be adjusted weekly based on EIA.GOV Lower Atlantic. The total overall price(s) will not fall below the quoted price(s) above**.
6. The quote may not be honored if not signed and returned within 30 days of the quote date above.
7. Prices are based on a minimum 10-hour workday with regular dump hours from 7 a.m. to 5 p.m. Monday through Friday.
8. The contractor is responsible for ensuring adequate equipment onsite and maintains the site haul road to facilitate the safe and timely dumping and/or loading of materials.
9. The contractor is responsible for any FDOT fines resulting from overloads from Sources with no FDOT-certified scales.
10. We don't guarantee any daily quantities and assume no responsibility or liability from the Contractor or Owner due to the delivery of materials or the lack of delivery to the job site.
11. Any changes in the daily quantities or hours of operation may be subject to a change in the price quoted above.
12. If this quote includes materials, it's the Contractors responsibility to ensure all materials meet desired specifications before shipment. We can assist with attaining test reports from Sources upon request. However, we cannot guarantee any specifications or moisture contents from the material Sources. Any dispute arising from materials must be handled between the Contractor and Source, for which we take no responsibility.
13. All Tri-Axle jobs, if quoted above, require a (4) hour minimum unless otherwise noted.
14. The contractor agrees to release Central Florida Transport, LLC or any other trucks hired by Central Florida Transport, LLC and its subsidiaries any responsibility that may occur when taking a truck past the curbside. Damage could include but is not limited to the curb and gutter, sidewalk, driveway, grass, sprinkler systems, personal property, or others. In addition, the contractor agrees to indemnify and hold harmless Central Florida Transport, LLC and its affiliate(s) for any damage on the job site.
15. Force Majeure: Carrier will not be deemed responsible for failure to deliver where such failure results from any cause beyond the carrier's reasonable control.
16. Contractor will be responsible for Maintenance of Traffic (MOT) for the above project.

**An authorized signature is required to validate quote.**

**Accepted By:** _____ **Title:** _____

**Company:** _____ **Date:** _____

ARCOSA
CRUSHED CONCRETE

**(800)476-8302**

# OCTOBER 2023

WWW.INDREC.COM

***"PRICING AND AVAILABILITY SUBJECT TO CHANGE WITHOUT NOTICE"***
***CONTACT SALES FOR CURRENT PRICING AND AVAILABILITY OF MATERIALS***

| | | | |
|---|---|---|---|
| **LAKELAND**<br>***(863) 665-2133 Sales: Ext 408***<br>*Sales Tax 7%*<br>*4102 Maine Ave, Lakeland, FL 33801* | #57 RCA | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| | Dirt | $8.00 | per ton + tax |
| **ORLANDO**<br>***(407) 240-1664 Sales: Ext 406***<br>*Sales Tax 6.5%*<br>*9800 Recycle Center Rd, Orlando, FL 32824* | #57 RCA | $30.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $22.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $22.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $20.00 | per ton + tax |
| | Dirt | $5.00 | per ton + tax |
| | Oversize RCA | $38.00 | per ton + tax |
| | Mason Sand | $29.00 | per ton + tax |
| | #57 Limestone | $57.00 | per ton + tax |
| | Asphalt Millings | $22.00 | per ton + tax |
| **TAMPA**<br>***(813) 630-0016 Sales: Ext 408***<br>*Sales Tax 7.5%*<br>*10126 US 92 E, Tampa, FL 33610* | #57 RCA | $26.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $26.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $19.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $19.00 | per ton + tax |
| | Oversize RCA | $29.00 | per ton + tax |
| **JACKSONVILLE****<br>**(904) 358-3676 Sales: Ext 402**<br>*Sales Tax 7.5%*<br>*1600 Talleyrand Ave, Jakcsonville, FL* | #57 RCA | $35.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $25.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $30.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $30.00 | per ton + tax |
| | Oversize RCA | $35.00 | per ton + tax |
| **TARPON SPRINGS**<br>**(941) 637-7625 Sales: Ext 408**<br>*Sales Tax 7%*<br>*800 Anclote Rd, Tarpon Springs, FL 34689* | #57 RCA | $25.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $18.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $18.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $25.00 | per ton + tax |
| | Oversize RCA | $26.00 | per ton + tax |
| **ORMOND BEACH**<br>**(386) 492-1077 Sales: Ext 402**<br>*Sales Tax 6.5%*<br>*800 Hull Rd, Ormond Beach, FL. 32174* | #57 RCA | $28.00 | per ton + tax |
| | 2" Minus Road Base (RCA) | $20.00 | per ton + tax |
| | 3/8" Minus Fines (RCA) | $20.00 | per ton + tax |
| | 1 1/2" Minus Crushed Asphalt | $18.00 | per ton + tax |
| | Oversize RCA | $32.00 | per ton + tax |
| **KISSIMMEE***<br>**(407) 240-1664 Sales Ext: 406**<br>*Sales Tax 7.5%*<br>*3531 Pugmill Rd, Kissimmee, FL 34741* | #57 RCA | $30.00 | *per yard* + tax* |
| | 2" Minus Road Base (RCA) | $27.30 | *per yard* + tax* |
| | 3/8" Minus Fines (RCA) | $26.00 | *per yard* + tax* |
| | 1 1/2" Minus Crushed Asphalt | $24.70 | *per yard* + tax* |
| | Oversize RCA | $38.00 | *per yard* + tax* |
| | ****THIS LOCATION DOES NOT SELL BY WEIGHT, PLEASE ORDER ACCORDINGLY*** | | |

# Lease Agreement

## Bill of Materials

# S-4 & S-23

Equipment to form both structures at one time.

### RENTAL ITEMS

### STEEL-PLY PANELS AND FILLERS

| Product Code | QTY | Description | Unit Wgt | Unit Rental | Item Total |
|---|---|---|---|---|---|
| 10824 | 22 | 24INX8FT S/P PANEL | 78.65 LB | $10.594 | $233.058 |
| 10825 | 4 | 6IN X 8FT INSIDE CORNER | 63.58 LB | $10.035 | $40.141 |
| 10826 | 10 | 8FT S/P FILLER ANGLE | 11.48 LB | $1.821 | $18.205 |
| 10624 | 16 | 24IN X 6FT S/P PANEL | 60.00 LB | $9.225 | $147.594 |
| 10620 | 8 | 20IN X 6FT S/P FILLER | 53.38 LB | $9.873 | $78.980 |
| 10612 | 2 | 12IN X 6FT S/P FILLER | 40.31 LB | $8.432 | $16.864 |
| 10606 | 4 | 6INX6FT S/P FILLER | 29.14 LB | $7.063 | $28.250 |
| 10627 | 4 | 6FT S/P OUTSIDE CORNER | 17.91 LB | $2.415 | $9.658 |
| 10626 | 2 | 6FT S/P FILLER ANGLE | 7.39 LB | $1.495 | $2.991 |
| 10524 | 38 | 24INX5FT S/P PANEL | 51.56 LB | $8.648 | $328.632 |
| 10520 | 8 | 20IN X 5FT S/P FILLER | 45.13 LB | $9.728 | $77.827 |
| 10516 | 2 | 16IN X 5FT S/P FILLER | 39.10 LB | $8.503 | $17.006 |
| 10512 | 2 | 12IN X 5FT S/P FILLER | 32.95 LB | $7.422 | $14.845 |
| 10510 | 2 | 10IN X 5FT S/P FILLER | 30.30 LB | $7.170 | $14.341 |
| 10506 | 2 | 6IN X 5FT S/P FILLER | 25.60 LB | $6.486 | $12.971 |
| 10525 | 4 | 6INX 5FT S/P INSIDE CORNER | 40.48 LB | $8.323 | $33.293 |
| 10527 | 4 | 5FT S/P OUTSIDE CORNER | 14.58 LB | $2.383 | $9.533 |
| 10526 | 16 | 5FT S/P FILLER ANGLE | 7.09 LB | $1.239 | $19.826 |
| 10424 | 22 | 24IN X 4FT S/P PANEL | 41.68 LB | $6.161 | $135.544 |
| 10420 | 8 | 20IN X 4FT S/P FILLER | 37.20 LB | $7.567 | $60.535 |
| 10416 | 2 | 16IN X 4FT S/P FILLER | 32.20 LB | $6.558 | $13.116 |
| 10410 | 2 | 10IN X 4FT S/P FILLER | 24.47 LB | $6.054 | $12.108 |
| 10427 | 4 | 4FT S/P OUTSIDE CORNER | 11.84 LB | $1.821 | $7.282 |
| 10426 | 6 | 4FT S/P FILLER ANGLE | 5.70 LB | $1.046 | $6.273 |
| 10326 | 2 | 3FT S/P FILLER ANGLE | 4.23 LB | $0.901 | $1.803 |
| 60058 | 2000 | WEDGE BOLT H-17 | 0.12 LB | $0.043 | $85.800 |
| 40300 | 48 | S/P RIGID SCAFFOLD BRKT | 14.54 LB | $5.550 | $266.376 |
| 40120 | 22 | TURNBUCKLE WITH BENT PLATE | 6.76 LB | $2.356 | $51.824 |
| 41400 | 22 | ATTACHMENT BRACE PLATE A-14 | 1.00 LB | $0.413 | $9.075 |
| 60318 | 160 | 1 PC WALER CLAMP 25 PCS PER CARTON | 1.89 LB | $0.851 | $136.224 |
| 40040 | 30 | J STRONGBACK HOOK 4X4 | 1.38 LB | $0.907 | $27.209 |
| | | | | **S-4 & S-23 Monthly Rental Total** | **$1,917.183** |

### PURCHASE ONLY ITEMS

### HEAVY DUTY WIRE TIES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| F54114 | 300 | HVY 14" S-PANEL TIE USA 100/CT - 5600/SK | 0.31 LB | $1.365 | $409.500 |
| | | | | **Subtotal** | **$409.500** |

### ADD ONS

# Lease Agreement

## Bill of Materials (cont'd)

### Purchase Items

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| ENGINEERING | 1 | Form layout (2 pages) | N/A | $275.000 | $275.000 |
| | | | | **Subtotal** | **$275.000** |
| | | | | **S-4 & S-23 Purchase Items Total** | **$684.500** |

### S-4 & S-23 Details

| | |
|---|---|
| **Monthly Rental:** | $1,917 |
| **Monthly SQ/FT:** | $1.3 |
| **Rental MSRP:** | $34,858 |
| **Area SQ/FT:** | 1,430.0 |
| **Weight:** | 9,643 LBS |

# Form Release

### PURCHASE ONLY ITEMS

### FORM RELEASES

| Product Code | QTY | Description | Unit Wgt | Unit Price | Item Total |
|---|---|---|---|---|---|
| 146056 | 5 | SYMONS MAGIC KOTE PER GALLON (5G PAIL) | 7.93 LB | $14.469 | $72.345 |
| | | | | **Form Release Purchase Items Total** | **$72.345** |

**********

**Don’t forget that we are the leading single source provide or concrete accessories, concrete chemical, and concrete forming products. Including Loop Ties, Flat Ties and Form Release. Please contact your local Sales Rep for information on the full product line Symons/Dayton Superior has to offer.**

**********

**OAR'S ESTIMATE**
**BP-497 Taxiway G & H Rehabilitation**
**Greater Orlando Aviation Authority (GOAA)**

**PROPOSED WORK: Install cast in place structure S-23.**

**Description: The size of Structure S-23 prevents the pre-cast construction method as originally proposed to be applied. The contractor had to adjust to a cast in place method with a new rebar design. This structure was then further modified in ESI #8 to modifiy the rebar reinforcemnt in the top section. This will result in a significant labor requirement to frame rebar and concrete forms, finish concrete and continuosly pump the area free of ground water for an extended period of time.**

| TYPE | DESCRIPTION | QTY | UNIT | UNIT PRICE | BURDEN % | BURDEN RATE | | LABOR | MATERIAL | EQUIPMENT | SUB-CONTRACT | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Labor** | Foreman | 90 | HR | $ 46.83 | 42.00% | $ 66.50 | L | $ 5,984.87 | | | | $ 5,984.87 |
| | Operator - Excavator | 12 | HR | $ 45.16 | 42.00% | $ 64.13 | L | $ 769.53 | | | | $ 769.53 |
| | Laborer - Skilled | 306 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 16,555.21 | | | | $ 16,555.21 |
| | Laborer - Unskilled | 171 | HR | $ 38.10 | 42.00% | $ 54.10 | L | $ 9,251.44 | | | | $ 9,251.44 |
| | Surveyor | 8 | HR | $ 26.82 | 42.00% | $ 38.08 | L | $ 304.68 | | | | $ 304.68 |
| **Equipment** | Tracked Excavator >=25<30T (30-40ST) | 12 | HR | $ 115.67 | | | E | | | $ 1,388.04 | | $ 1,388.04 |
| | Submersible Pump 20HP Power Unit | 564 | HR | $ 20.52 | | | E | | | $ 11,573.28 | | $ 11,573.28 |
| | Pickup F150 4x2 & 4x4 | 432 | HR | $ 26.76 | | | E | | | $ 11,560.32 | | $ 11,560.32 |
| **Materials** | Concrete 5500 PSI | 28 | YD3 | $ 168.00 | | | M | | $4,704.00 | | | $ 4,704.00 |
| | Fuel Surcharge | 3 | EA | $ 75.00 | | | M | | $225.00 | | | $ 225.00 |
| | Envir Fees | 3 | EA | $ 25.00 | | | M | | $75.00 | | | $ 75.00 |
| | Min Load | 2 | EA | $ 250.00 | | | M | | $500.00 | | | $ 500.00 |
| | Box Culvert Form | 760 | EA | $ 0.63 | | | M | | $478.80 | | | $ 478.80 |
| | Rebar Material - Kuhlman Direct | 11,560 | LB | $ 1.12 | | | M | | $12,947.20 | | | $ 12,947.20 |
| | Rebar Accessories | 11560 | LB | $ 0.02 | | | M | | $231.20 | | | $ 231.20 |
| | Form Mtls Engineering Fees | 1 | EA | $ 275.00 | | | M | | $275.00 | | | $ 275.00 |
| | Neenah R-3492-1 | 1 | EA | $ 3,178.63 | | | M | | $3,178.63 | | | $ 3,178.63 |
| | #57 Stone - Orlando Gravel and Sand | 24 | Ton | $ 75.00 | | | M | | $1,800.00 | | | $ 1,800.00 |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| | | | | | | | M | | $0.00 | | | $ - |
| **Sub Contractors** | Misc Aggregate Haul - Star Trucking | 6 | Hr | $ 75.00 | | | S | | | | $ 450.00 | |
| | SUB-TOTALS w/out markups | | | | | | | $32,865.73 | $24,414.83 | $24,521.64 | $450.00 | |

Work by Contractor's Forces

| | |
|---|---|
| LABOR: | $32,865.73 |
| MATERIAL | $24,414.83 |
| MATERIAL TAX 6.5% | $1,586.96 |
| EQUIPMENT | $24,521.64 |
| SUBTOTAL | $83,389.16 |
| OH & P 15% < $25,000 | $0.00 |
| OH & P 12% $25,001 TO $500,00 | $10,006.70 |
| OH & P 10% >$500,000 | $0.00 |
| **TOTAL** | **$93,395.86** |

Work by Subcontractors

| | |
|---|---|
| SUBCONTRACTED AMOUNT | $450.00 |
| OH & P 10% on 1ST $25,000 | $45.00 |
| OH & P 8% $25,000 TO $500,00 | $0.00 |
| OH & P 6% >$500,000 | $0.00 |
| **TOTAL SUB COST** | **$495.00** |

**GRAND TOTAL ENGINEER'S ESTIMATE** **$93,890.86**

No bond added included in contigency amount

Prepared by:

Ben Brown, P.E.
Senior Project Manager



# Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

**Kuhlman Item Number: 6468050**

**$11.97**

Sold As: EA - EACH

**Quantity:** 1

## Product Overview

### Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60

Rebar (short for reinforcing bar) is a steel bar used as a tension device in reinforced concrete and reinforced masonry structures to strengthen and aid concrete under tension. Rebar significantly increases the tensile strength of the structure. Rebar's surface is often deformed to promote a better bond with the concrete.

- #4 Rebar
- 1/2-inch diameter x 20-feet long
- Grade 60
- Meets ASTM A615/A996

## Product Specifications

| | |
|---|---|
| **Product Name** | Reinforcing Steel Rebar, #4 Bar, 1/2" Diameter x 20' Long, Grade 60 |
| **Kuhlman Item Number** | 6468050 |
| **Shipping Weight/Unit** | 13.36 lbs |
| **Shipping Length/Unit** | 240 in |
| **Shipping Width/Unit** | 1 in |
| **Shipping Height/Unit** | 1 in |

ORLANDO Gravel and Sand

SERVICE

# Gravel Delivery in Orlando

ORLANDO Gravel and Sand

our top priority at Orlando Gravel and Sand. We make sure to only source our materials from reputable suppliers, so you can be confident that you're getting a high-quality product. We also take care to deliver your gravel in a timely and efficient manner so that you can get started on your project as soon as possible. Whether you need a small amount for a walkway or a large quantity for a driveway, we're here to help. Contact us today to learn more about our gravel delivery services.

ORLANDO Gravel and Sand

# How much will a ton of gravel cover?

A ton of gravel will cover an area of approximately 16 square yards (14 square meters). This is based on an average depth of 1 inch (2.5 cm). However, the amount of coverage will vary depending on the depth of the gravel and the size of the stones. For example, a ton of pea gravel will cover a significantly larger area than a ton of river rock. The best way to determine how much gravel you will need is to calculate the volume of your project area. Once you know the volume, you can multiply it by the density of the gravel to get the weight in tons. Then, divide this number by 2,000 to convert it to metric tons. This will give you a good estimate of how much gravel you will need to cover your project area.

GET IN TOUCH

ORLANDO Gravel and Sand

# Pricing

Our pricing for #57 Stone starts at $75 per ton, with a minimum order of 10 tons. Along with the stone cost, there is a flat delivery fee of $350 per order. Please keep in mind that our delivery trucks have a maximum capacity of 20 tons, so you can plan your order accordingly.

When you choose Orlando Gravel and Sand, you can trust that your materials will be delivered in a timely and efficient manner, with no hidden fees or surprises. Our experienced team of professionals is committed to ensuring that you get exactly what you need for your project, and we're always available to answer any questions you may have.

So if you're looking for reliable gravel delivery services in the Orlando area, look no further than Orlando Gravel and Sand. Contact us today to schedule your delivery and get started on your project!

ORLANDO Gravel and Sand

# feet will 5 tons of gravel cover?

One ton of gravel will cover approximately 80 square feet at 2 inches deep. Five tons of gravel will therefore cover 400 square feet. It is important to note that the depth of the gravel will affect how far it will spread. For example, if the gravel is only 1 inch deep, then it will cover twice as many square feet. Similarly, if the gravel is 4 inches deep, it will only cover half as many square feet. Therefore, it is important to know the desired depth before ordering gravel. Otherwise, you may end up with too much or too little.

## What is the cheapest gravel for a driveway?

Gravel is very durable and can last for many years with proper maintenance. For those who are looking for other options, crushed stone is a good choice. Crushed stone is a bit smoother to drive on than gravel, but it can provide a beautiful, natural look for your driveway. No matter what type of gravel you choose, be sure to compact it properly to ensure a long-lasting driveway.

ORLANDO Gravel and Sand

# Right Gravel Delivery Company?

While there are many companies that offer gravel delivery, not all of them will be a good fit for your needs. Here are a few factors to consider when choosing a gravel delivery company:

- The first thing to consider is the type of gravel you need. There are many different types of gravel, and each company may specialize in one or two types. Make sure to choose a company that can provide the type of gravel you need.
- The second factor to consider is the price. Some companies charge by the truckload, while others charge by the hour. Get quotes from several companies to find the best price.
- The third factor to consider is the company's reputation. Ask around for recommendations, and read online reviews to get an idea of the level of customer service you can expect.

By keeping these factors in mind, you can be sure to choose the right gravel delivery company for your needs.

Orlando Gravel and Sand have the skill and experience you need to get the job done right. We have been trusted by countless clients for many years, and we take pride in helping people. Contact our team at (407) 584-5823 for all of the gravel delivery you need.

ORLANDO Gravel and Sand

# Get a Free Consultation

(407) 584-5823

ORLANDO Gravel and Sand

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- Sand Delivery
- Crush and Run
- Asphalt Millings Delivery
- Landscape Rock Delivery
- Dirt Delivery

## Resources

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- Terms & Conditions
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PROJECT NO: 6011.010499

PURCHASE ORDER NO: 4250036317

**HUBBARD CONSTRUCTION COMPANY**
**1936 Lee Road, Suite 300**
**Winter Park, FL 32789**
**P(407) 645-5500 / F(407) 623-3869**

# SUBCONTRACT AGREEMENT

PROJECT OWNER: Greater Orlando Aviation Authority — OWNER CONTRACT NO: TBD

GENERAL CONTRACTOR: Hubbard Construction Company — OWNER PROJECT NO: TBD

ARCHITECT/ENGINEER: AECOM — FED AID PROJECT NO: TBD

PROJECT NAME: GOAA BP-497, TAXIWAYS G & H PHASE 1 — LOCATION: Orange County

SUBCONTRACTOR: Star Trucking, LLC — TELEPHONE: 407-522-5554

ADDRESS: 8850 State Rd 46 Mims, FL 32754

FED ID NO: 37-2002461

**AGREEMENT AMOUNT: $** TBD (Subject to adjustment for actual quantities, and authorized change orders)

**THIS AGREEMENT** is made this 5 Day of January, 2024, by and between **HUBBARD CONSTRUCTION COMPANY** ("Contractor") and the above-named subcontractor ("Subcontractor") (together referred to as "Parties") for good and valuable consideration, the receipt and sufficiency of which is acknowledged.

**NOW THEREFORE,** it is agreed as follows:

**Scope:** Subcontractor agrees to furnish all supervision, labor, tools, equipment, materials and supplies necessary to perform, and to perform, the following generally described work ("Work") in accordance with the terms and conditions of the Prime Contract and this Subcontract ("Agreement"): (As more fully described in Attachment "A")

Hourly Hauling

**Payment and Retainage.** Contractor agrees to pay Subcontractor for satisfactory performance of this Subcontract as specified herein and the General Terms and Conditions. Contractor shall withhold 0 % of any partial payment as retainage until Final Payment.

**This Agreement includes the following General Terms and Conditions and Attachments ("Contract Documents"):**

- ☑ Attachment A: Scope of Work
- ☑ Attachment B: Unit Price Schedule
- ☑ Attachment C: Subcontractor Requisition for Payment
- ☑ Attachment D: Additional Required Contract Documents
- ☑ Attachment E: Project-Specific Insurance Requirements
- ☑ Attachment F: Subcontractor Safe Start Meeting/ Requirements
- ☑ Attachment G: General Terms and Conditions
- ☑ Attachment H: Liquidated Damages

Subcontractor certifies that the individual signing below is authorized to enter this Subcontract and legally bind Subcontractor. Contractor and Subcontractor, for themselves, their successors, executors, administrators, and assigns, hereby agree to full performance of this Agreement.

Contractor: Hubbard Construction Company

By: William N Dumas Digitally signed by William N Dumas Date: 2024.01.23 09:58:51 -05'00'

Title: Director of Contract Administration

Date: 1/23/2024

Subcontractor: Star Trucking, LLC

By: [signature]

Title: VP

Date: 1-10-24

ATTACHMENT A
SCOPE OF WORK

Project No: 6011.010499

Subcontractor: Star Trucking, LLC

The following, along with applicable specifications, describes the Work to be performed by Subcontractor. Unless expressly excluded below, the Work includes all supervision, labor, equipment, and materials included or reasonably inferred in the applicable scope and/or specifications:

Description of the Work:

The project requirement for **Hourly Hauling** defined herein shall include all labor, equipment and materials necessary to complete the following:

- Prior to commencing subcontract work, Subcontractor shall meet with Contractor's project team to review Safety and complete Contractor's Preconstruction Safety Checklist.
- The Subcontractor shall assign a competent Supervisor to the project that shall be responsible for executing the terms of the Subcontract Agreement and be present while work is being performed. The Supervisor shall also be in attendance at all project related meetings as determined necessary by the Contractor.
- Subcontractor understands that time is of the essence and shall provide sufficient number of qualified personnel to perform its work in a manner consistent with Contractor's construction schedule.
- All work performed by subcontractor shall be done in strict accordance with all local, state and federal safety regulations.
- Subcontractor shall repair any damages to finished work or existing surfaces-to-remain that are caused by its operations.
- All personnel to wear PPE at all times that includes, but not limited to: hard hat, safety glasses, Type III reflective safety vests, gloves, long pants, work boots. All personnel will adhere to Hubbard Safety policies including participation in company Safe Starts.
- Subcontractor shall conform to schedule as directed by Contractor.
- There will be no minimum work hours required.
- Subcontractor shall provide trucks in good working order, with tarps and backup alarms and competent drivers, in the quantity and at the time requested. Subcontractor shall turn in signed delivery tickets for payment.
- Subcontractor shall clean up any leaks or spills of liquids immediately as to not damage or weaken any asphalt, lime rock base, or contaminate any soils. Cost of any restoration will be charged to Subcontractor.

Hubbard shall furnish to the Subcontractor the following for use in accomplishing the work prescribed in this Agreement:

- MOT set up, including lane closures, flagman, if required.

- Access to HCC work zone to provide inspection and testing. (Access is defined by a location within the MOT configuration to gain entrance into the work zone. It does not include the building or furnishing of pathways, ramps, or temporary roads by HCC to facilitate subcontractors scope of work).
- Portlets on site.

Additionally:

- Pay applications will have signed delivery tickets attached before any payment will be disburse.
- All tolls paid are included in pricing.
- Subcontractor shall participate in Hubbard Safe Start safety orientation prior to beginning work.
- Subcontractor agrees to abide by all aspects of HCC's safety plan and policies, and all OSHA regulations including employee PPE, fall protection, clearance from overhead power lines, etc. *
- Subcontractor understands that HCC has a ZERO-TOLERANCE policy in effect for trench and fall protection violations and violators will immediately and permanently be removed from the project.
- Subcontractor shall enforce these provisions on all independent haulers that he may engage to perform on this Project
-
-
- -Please make sure to use the following e-mail address to submit invoices for payment - HCC-APinvoices@Hubbard.com.
  Each invoice should be separate PDF documents. Upload pay apps as one scan.
  Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with ""4"") should be quoted on all invoices.

If Hubbard Construction Company is responsible for the Quality Control Testing, the Subcontractor will be obligated to coordinate its Quality Control Testing requirements with Hubbard. If Hubbard experiences additional Quality Control Testing costs because of any impact of the Subcontractor to adhere to the schedule, the Subcontractor will be responsible for the additional costs experienced by Hubbard.

Contract documents consist of this Agreement, the conditions of the contract (general, supplementary and other conditions), the drawings, the specifications, all addenda thereto issued prior to the execution of this Agreement, and subsequent modifications thereto.

The sum to be paid shall be adjusted for actual quantities of work measured and paid by the Owner at units delineated in Attachment 'B'. The quantities herein are variable and may increase or decrease, depending on the requirements of the Owner.

ATTACHMENT A
SCOPE OF WORK

Subcontractor shall comply with the provisions of FHWA Form 1273, a copy of which is attached as Attachment 'D' and made part of this Agreement. Subcontractor shall physically incorporate FHWA Form 1273 into all lower-tier subcontracts, agreements, purchase orders and the like, and make it a part thereof.

**Subcontractor is responsible for submitting certified payrolls on this project. Additionally, subcontractor must also submit the certified payrolls of any lower-tier subcontractors they may have working on this project. Certified payrolls are due each week and must be received within 5 days of the date of the regular payment date of that certified payroll. Certified payrolls are to be emailed to Diana Wagner (diana.wagner@hubbard.com). Failure to submit certified payrolls that are correct and timely may result in Hubbard charging Subcontractor an administrative fee for Hubbard's time spent correcting such payrolls. In the event that submittal problems persist, Hubbard may remove Subcontractor from its approved vendor list for a period of up to one (1) year.**

**Federal Wage rates are included in this subcontract and attached as part of the Schedule A.**

Please complete the following:

- Name and email address of the person submitting certified payrolls:

  Kenny Mahase

- Name and email address of your EEO Officer:

  Kenny Mahase startruckingservices@gmail.com

The subcontractor understands and agrees, by signing this agreement, to comply with the Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements. The subcontractor also agrees it will comply with the required paperwork submittals for these programs on the dates required by the Contractor for timely submittal to the Owner. If the subcontractor fails to meet the submittal dates and is delinquent on three or more occasions, the subcontractor agrees to hire an independent outside service acceptable to the Contractor to handle this paperwork procedure. If the subcontractor causes the Contractor's funds to be withheld because of the delinquent paperwork requirements, subcontractor agrees to reimburse the Contractor for the loss use of these funds at a rate of 1% per month simple interest. If the subcontractor is not the sole violator, but a contributor, the subcontractor will then be billed a pro-rata portion of the cost. The pro-rata share will be determined by the subcontractor as related to the total number of delinquent parties regardless of the number of delinquent submittals. This is in addition to any other penalties imposed by the Owner upon the Contractor. EEO paperwork must be submitted to Hubbard's EEO Officer, Susan Montgomery (susan.montgomery@hubbard.com), prior to any work beginning on this project. Documents to be submitted include: Form Notification to FDOT of EEO Officer 275-021-13;EEO/AA Policy; 275-021-05 Supervisory personnel EEO Meeting record (Foreman and Supers should be on the form); 275-021-06 Project Personnel EEO Meeting Record; 275-030-13 Certification of Non Segregation; 700-010-52 Contractor's Affidavit of Vehicle Registration; 275-021-07 Company Wide Report.

**INVOICING**

Please make sure to use the following e-mail address to submit invoices for payment – HCC-APInvoices@hubbard.com . Also copying all the project team listed below. Each invoice should be separate PDF documents. Upload pay apps as one scan. Multiple documents attached to an e-mail is fine. A valid purchase order number (10 digits beginning with "4") should be quoted on all invoices.

- Project Manager - George Rivers 407-907-7391, George.Rivers@Hubbard.com
- Project Superintendent Julius Robinson 407-717-9427, Julius.Robinson@Hubbard.com
- Project Engineer Sean Shepherd 407-754-8055 Sean.Shepherd@Hubbard.com

All work under this Agreement must be completed on or before **TBD by Project Manager.** Should the Subcontractor fail to complete the work by the above required date, Hubbard Construction Company will finish the work and charge all costs incurred, including damages imposed, against this Subcontract.

Subcontractor will be required to turn in a daily report in a format acceptable to Hubbard Construction Company or the Owner, for every day the subcontractor works on the project. This form must be turned in no later than 9 a.m. the following morning. Failure to turn in this report will result in withholding of any funds until the reports are brought current.

No Bond Required.

Subcontractor will note that no payments will be made under this Subcontract until subcontract Agreement is executed and returned with all documentation, however, commencement of operations will constitute full, unconditional acceptance of the terms and conditions of this agreement.

Subcontractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify employment eligibility during the pre-employment screening phase of persons who may be employed. Additionally, the Subcontractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with Hubbard Construction Company and the Florida Department of Transportation. **Subcontractor will provide Hubbard with proof of using the E-Verify System by supplying a copy of their E-Verify generated Memorandum of Understanding (example attached).**

Subcontractor agrees that all personnel dispatched to this project will be covered by Workman's Compensation as well as the other required insurances, whether they are employees, leased drivers or independent owner/operators. No exemptions are allowable. If Subcontractor fails in its duty to ensure the coverage exists, then Subcontractor agrees to defend, indemnify and hold Hubbard harmless against any actions brought against Hubbard as a result of the lack of coverage.
Subcontractor shall attend a job-specific safety meeting with the Project Manager and supply to HCC the

ATTACHMENT A
SCOPE OF WORK

**ATTACHED** Subcontractor Safe Start Program paperwork requirements prior to mobilizing to the jobsite:

- Safety and health plans.
- Minimum required training programs and certificates of completion:
  - Fire extinguishing / hazcom
  - Fall protection
  - Excavation and trenching
  - Ladder
  - Confined space
  - Work/scope specific certifications
- Subcontractor will furnish a competent persons list.
- Subcontractor must supply a copy of their weekly safety meeting or attend HCCs.
- Fit for duty certification- signed (drug screening program).

Exclusions:

**Attachment B - Unit Price Schedule**

**Purchase Order No:** **4250036317**
**Subcontractor:** **Star Trucking, LLC**
**HCC Job No:** **6011.010499**
**Date:** **January 5, 2024**

Pursuant to the payment terms of this Subcontract, the following unit prices and quantity measurements shall be used to determine the total sum to be paid to Subcontractor. The actual quantities are subject to change based on the requirements of the project.

| BID ITEM NO. | COST CODE | DESCRIPTION | UNIT | QUANTITY | UNIT PRICE |
|---|---|---|---|---|---|
| | 90020 | Hourly Haul | HR | 3,088.21 | $75.00 |

# BP-497 Taxiway G & H Rehabilitation Phase 1 Change Order 1
## Item 17 Interim Quantity Adjustments

| Item # | Description | Unit | SOV | Unit Price | Unit Change | Price Delta |
|---|---|---|---|---|---|---|
| 0430-94-1 | Desilting and CCTV Pipe Inspection, 0-24" or Equivalent Elliptical | LF | Base Bid | $ 6.44 | 818 | $5,267.92 |
| 0430-94-2 | Desilting and CCTV Pipe Inspection, 25-36" or Equivalent Elliptical | LF | Base Bid | $ 7.96 | 129 | $1,026.84 |
| 0430-94-3 | Desilting and CCTV Pipe Inspection, 3-48" or Equivalent Elliptical | LF | Base Bid | $ 9.21 | 2,607 | $24,010.47 |
| 430-175-124 | Pipe Culvert, 24" S/CD (RCP)(CLASS V) | LF | Base Bid | $ 220.70 | -140 | ($30,898.00) |
| 430-175-130 | Pipe Culvert, 30" S/CD RCP Class V | LF | Base Bid | $ 344.09 | 50 | $17,204.50 |
| 430-175-136 | Pipe Culvert, 36" S/CD (RCO)(CLASS V) | LF | Base Bid | $ 315.33 | -150 | ($47,299.50) |
| 430-175-218 | Pipe Culver, Other Shape - Elip/Arch, 18" ERCP Class HE-V | LF | Add Alt 3 | $ 243.59 | 63 | $15,346.17 |
| D-751-5.2 | Inlet Boxes, Special (Aircraft Rated) | EA | Base Bid | $ 38,029.27 | -5 | ($190,146.35) |
| D-751-5.2 | Inlet Boxes, Special (Aircraft Rated) | EA | Add Alt 3 | $ 36,618.88 | -2 | ($73,237.76) |
| L-108-1 | 1/C L-824 Type Unshielded #8 AWG 5KV Stranded Copper Cable, Installed in Duct or Conduit | LF | Base Bid | $ 1.62 | 15,000 | $24,300.00 |
| L-108-3 | 3/4" Diameter by 10' Long Copper Clad Steel Sectional Ground Rod | LF | Base Bid | $ 131.66 | 10 | $1,316.60 |
| L-108-3 | 3/4" Diameter by 10' Long Copper Clad Steel Sectional Ground Rod | EA | Add Alt 3 | $ 151.92 | 10 | $1,519.20 |
| L-110-1 | 1 Way 2" Schedule 40 PVC Concrete Encased Duct | LF | Base Bid | $ 20.26 | -2,000 | ($40,520.00) |
| L-110-3 | 4 Way 4" Schedule 40 PVC Concrete Encase Duct | LF | Base Bid | $ 91.15 | -250 | ($22,787.50) |
| L-110-5 | 8 Way 4" Schedule 40 PVC Concrete Encased Duct | LF | Add Alt 2 | $ 151.92 | 90 | $13,672.80 |
| L-115-2 | Junction Can Plaza - Four L-867E Cans | EA | Base Bid | $ 12,153.44 | 1 | $12,153.44 |
| L-125-1 | L-852C(L) Bidirectional Green LED Taxiway Centerline Light (NE) | EA | Base Bid | $ 1,924.29 | 11 | $21,167.19 |
| L-125-11 | L-861(L) Omnidirectional, Blue, LED Taxiway Edge Light (NE) | EA | Base Bid | $ 1,012.79 | 52 | $52,665.08 |
| L-125-12 | L-867B, 1/2" Galvanized Steel Blank Cover(E) | 1 | Add Alt 3 | $ 607.67 | 1 | $607.67 |
| L-125-15 | Remove and Replace P-605 Sealant around L868B Base Can | EA | Base Bid | $ 50.64 | 80 | $4,051.20 |
| L-125-17 | L852D(L) Bidirectional Green LED Taxiway Centerline Light (C) | EA | Base Bid | $ 2,531.97 | 8 | $20,255.76 |
| L-125-2 | L-852D(L) Bidirectional Green Taxiway Centerline Light (NE) | EA | Base Bid | $ 2,025.57 | 165 | $334,219.05 |
| L-125-4 | L-858(L) Sign - Single/Double Face, LED Size 3 -3 Module | EA | Base Bid | $ 8,102.29 | 4 | $32,409.16 |
| L-125-4 | L-858(L) Sign - Single/Double Face, LED Size 3 -3 Module | EA | Add Alt 3 | $ 8,102.29 | 2 | $16,204.58 |
| P-101.5.4 | Cleaning and Sealing Concrete to Concrete Joints | LF | Base Bid | $ 6.40 | 15,000 | $96,000.00 |
| P-101-5.2 | Asphalt Taxiway Shoulder Pavement Removal | SY | Base Bid | $ 9.62 | -7,000 | ($67,340.00) |
| P-101-5.3 | Asphalt Full Strength Taxiway Pavement Removal | SY | Base Bid | $ 17.59 | -975 | ($17,150.25) |
| P101-5.5 | Cleaning and Sealing Asphalt to Concrete Joints, and Crack Repair | LF | Base Bid | $ 6.75 | 2,700 | $18,225.00 |
| P-101-5.5 | Cleaning and Sealing Asphalt to Concrete Joints, and Crack Repair | LF | Add Alt 1 | $ 6.75 | 200 | $1,350.00 |
| P-152-4.1 | Unclassified Excavation | CY | Add Alt 1 | $ 10.03 | 325 | $3,259.75 |
| P-211-5.1 | Lime Rock Base Course - 6 Inch Depth | SY | Base Bid | $ 18.54 | -8,500 | ($157,590.00) |
| P-211-5.2 | Lime Rock Base Course - 12 Inch | SY | Base Bid | $ 43.11 | 50 | $2,155.50 |
| P-306-8.1 | Lean Concrete Base Course | SY | Base Bid | $ 54.58 | -400 | ($21,832.00) |
| P-401 -8.1 | Asphalt Pavement | Ton | Base Bid | $ 288.00 | -1,600 | ($460,800.00) |
| P-501-8.1 | 17" Portland Cement Concrete | SY | Base Bid | $ 192.82 | -300 | ($57,846.00) |
| P-501-8.2 | Isolated Portland Cement Concrete Slab Removal and Replacement | SY | Base Bid | $ 458.87 | 730 | $334,975.10 |
| P-501-8.2 | Isolated Portland Cement Concrete Slab Removal and Replacement | SY | Add Alt 2 | $ 853.77 | 35 | $29,881.95 |
| P-501-8.2 | Isolated Portland Cement Concrete Slab Removal and Replacement | SY | Add Alt 3 | $ 543.80 | 125 | $67,975.00 |
| P-620-5.1 | Pavement Marking with Reflective Media | SF | Base Bid | $ 2.23 | 8,000 | $17,840.00 |
| P-620-5.2 | Pavement Marking without Reflective Media | SF | Base Bid | $ 1.17 | 8,000 | $9,360.00 |
| P-620-5.4 | Temporary Pavement Markings | SF | Base Bid | $ 2.85 | 3,000 | $8,550.00 |
| P-620-5.5 | Pavement Marking Removal | SF | Base Bid | $ 2.98 | 5,000 | $14,900.00 |
| T-904-5.1 | Sodding | SY | Base Bid | $ 4.63 | -19,500 | ($90,285.00) |
| D-705-5.1 | Pipe Underdrain - Complete (Perforated and Non-Perforated | LF | Base Bid | $ 57.71 | -300 | ($17,313.00) |
| | | | | | **TOTAL** | **($93,175.43)** |

| | |
|---|---|
| **Change Order Total** | **($39,949.88)** |

# APPLICATION AND CERTIFICATE OF PAYMENT

GOAA Construction Form 010 (12/19/07)

| | | |
|---|---|---|
| TO (OWNER): GREATER ORLANDO AVIATION AUTHORITY<br>One Jeff Fuqua Blvd<br>Orlando, FL 32827 | PROJECT: **Project # BP-497**<br>Taxiways G & H Rehabilitation - Phase 1<br>Orlando International Airport<br>Funding:<br>**ORACLE P.O. #1007554** | **APPLICATION NO. 5**<br>PERIOD ENDING: 05/31/24 |
| FROM (CONTRACTOR):<br>Hubbard Construction Company<br>1936 Lee Road<br>Winter Park, FL 32789 | VIA (ENGINEER): AECOM<br>7650 W. Courtney Campbell Causeway<br>Tampa, FL 33607 | COMMENCEMENT DATE: 12/20/23<br>ORIGINAL CONTRACT PERIOD: 315<br>EXTENDED CONTRACT PERIOD: 315<br>CONTRACT COMPLETION DATE: 10/29/24<br>EXPIRED FROM COMMENCEMENT: 164 |

Greater Orlando Aviation Authority
JUN 21 2024
RECEIVED
Project Controls

## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheets are attached.

| CHANGE ORDER SUMMARY | ADDITIONS | DEDUCTIONS |
|---|---|---|
| Change Orders approved in previous months by Owner | | |
| TOTAL THRU CO#0 | 0.00 | 0.00 |
| Approved this Month | | |
| No. / Date Approved | | |
| TOTALS | 0.00 | 0.00 |
| Net change by Change Orders | 0.00 | |

| | | | |
|---|---|---|---|
| 1. ORIGINAL CONTRACT SUM | | $ 32,179,042.64 | |
| 2. Net change by Change Orders | | $ 0.00 | |
| 3. CONTRACT SUM TO DATE | | $ 32,179,042.64 | (1 - 2) |
| 4. TOTAL COMPLETED & STORED TO DATE | 8,071,181.07 | $ ~~8,336,565.48~~ | |
| a. Completed Work in Place - Up to 50% | $ ~~8,110,142.11~~ | 8,297,604.44 | |
| b. Completed Work in Place - After 50% | $ 0.00 | | |
| c. Stored Material | $ 226,423.37 | 414,880.22 | |
| d. DMP Advance Payments Balance | $ 0.00 | | |
| 5. TOTAL RETAINAGE: | 403,559.05 | $ ~~416,828.28~~ | (5a+5b) |
| a 5% of Completed Work - Up to 50% | $ ~~405,507.11~~ | | |
| b 5% of Completed Work - After 50% | $ 0.00 | | |
| c 5% of Stored Material | $ 11,321.17 | 7,882,724.22 | |
| d 0% DMP Advance Payments | $ 0.00 | | |
| 6. TOTAL EARNED LESS RETAINAGE | | $ ~~7,919,737.20~~ | (4 - 5) |
| 7. LESS PREVIOUS CERT. FOR PAYMENT | | $ 4,920,053.06 ✓ | |
| 8. CURRENT PAYMENT DUE | | $ ~~2,999,684.14~~ | (6-7) 2,962,671.16 |
| 9. BALANCE TO FINISH (INCLUDING RETAINAGE) | | $ ~~24,259,305.44~~ | (3-7-8) |
| | | | 24,296,318.42 |

| | | | |
|---|---|---|---|
| 25.9% | TOTAL COMPLETED & STORED | | |
| 25.2% | Completed Work in Place | | |
| 0.7% | Stored Material | | |
| 5.0% | Retainage | | |

*MONETARY PROGRESS:* 25.20% *TIME PROGRESS:* 52.06%

Contractor hereby certifies that, except as specifically indicated on the attached documents, there are no Claims of Contractor, its Subcontractors or Suppliers as of the date of this Application for Payment that have not been completely resolved, that the Contractor has no knowledge of any unsolved Claims by Subcontractors or Suppliers, that all Subcontractors and Suppliers have been paid to date from funds received for previous Applications for Payment, that there is no known basis for filing of any Claim on the Work and Contractor, upon receipt of funds due in this Application for Payment, hereby releases the Owner from any claims arising from the Work, except for retainage. Contractor further certifies that the amounts contained in the application for payment have been verified and are correct.

Under penalties of perjury, I declare that I have read the foregoing [document] and that the facts stated in it are true. (Florida Statute 92.525)

CONTRACTOR: Hubbard Construction Company
By: _____ Date: 6/19/24 ✓
George Rivers, PMP, Senior Project Manager

Notary: Michael Hurek, Aiver Advisory boxSIGN 19BXKZY4-4QSBW6ZP
My Commission Expires: Jul 15, 2024

BP497 ...

## ENGINEER'S CERTIFICATION FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

ENGINEER: AECOM
By: Clint Martin boxSIGN 19TR7K3L-4QSBW6ZP Date: Jun 24, 2024
Clint Martin, P.E.

Initial / Date: BPB 6/19/24
Ben Brown
Loyal Wingman, LLC

OAR: The Roderick Group, Inc. dba Ardmore Roderick
By: _____ Date: 6/21/2024
Brittany Davis, Project Manager

*Project Controls Specialist is Tammy Debbyn, Ph. 407.825.2439*

## AMOUNT CERTIFIED:

$ ~~2,999,684.14~~ 2,962,671.16

OWNER: GREATER ORLANDO AVIATION AUTHORITY
By: Scott Shedek Date: Jun 24, 2024
By: _____ Date: Jul 15, 2024
Programs
By: _____ boxSIGN 4WBBQRZJ-4QSBW6ZP Date: _____
Marie Dennis, Deputy Chief Financial Officer

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

# APPLICATION AND CERTIFICATE OF PAYMENT

GOAA Construction Form 010 (12/19/07)

| | | |
|---|---|---|
| TO (OWNER): GREATER ORLANDO AVIATION AUTHORITY<br>One Jeff Fuqua Blvd<br>Orlando, FL 32827 | PROJECT: **Project # BP-497**<br>Taxiways G & H Rehabilitation - Phase 1<br>Orlando International Airport<br>Funding:<br>**ORACLE P.O. #1007564** | **APPLICATION NO. 05**<br>PERIOD ENDING: 05/31/24 |
| FROM (CONTRACTOR):<br>Hubbard Construction Company<br>1936 Lee Road<br>Winter Park, FL 32789 | VIA (ENGINEER): AECOM<br>7650 W. Courtney Campbell Causeway<br>Tampa, FL 33607 | COMMENCEMENT DATE: 12/20/23<br>ORIGINAL CONTRACT PERIOD: 315<br>EXTENDED CONTRACT PERIOD: 315<br>CONTRACT COMPLETION DATE: 10/29/24<br>EXPIRED FROM COMMENCEMENT: 164 |

## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheets are attached.

| CHANGE ORDER SUMMARY | ADDITIONS | DEDUCTIONS |
|---|---|---|
| Change Orders approved in previous months by Owner<br>TOTAL THRU CO#0 | 0.00 | 0.00 |
| Approved this Month | | |
| No. / Date Approved | | |
| TOTALS | 0.00 | 0.00 |
| Net change by Change Orders | 0.00 | |

| | | | | |
|---|---|---|---|---|
| 1. ORIGINAL CONTRACT SUM | | | $ 32,179,042.64 | |
| 2. Net change by Change Orders | | | $ 0.00 | |
| 3. CONTRACT SUM TO DATE | | | $ 32,179,042.64 | (1 + 2) |
| 4. TOTAL COMPLETED & STORED TO DATE | | | $ 8,297,604.44 | |
| a. Completed Work in Place - Up to 50% | $ | 8,071,181.07 | | |
| b. Completed Work in Place - After 50% | $ | 0.00 | | |
| c. Stored Material | $ | 226,423.37 | | |
| d. DMP Advance Payments Balance | $ | 0.00 | | |
| 5. TOTAL RETAINAGE: | | | $ 414,880.22 | (5a+5b) |
| a 5% of Completed Work | $ | 403,559.05 | | |
| b. 5% of Stored Material | $ | 11,321.17 | | |
| c. 0% DMP Advance Payments | $ | 0.00 | | |
| | $ | 0.00 | | |
| 6. TOTAL EARNED LESS RETAINAGE | | | $ 7,882,724.22 | (4 - 5) |
| 7. LESS PREVIOUS CERT. FOR PAYMENT | | | $ 4,920,053.06 | |
| **8. CURRENT PAYMENT DUE** | | | **$ 2,962,671.16** | (6-7) |
| 9. BALANCE TO FINISH (INCLUDING RETAINAGE) | | | $ 24,296,318.42 | (3-7-8) |

| | |
|---|---|
| 25.8% | TOTAL COMPLETED & STORED |
| 25.1% | Completed Work in Place |
| 0.7% | Stored Material |
| **5.0%** | **Retainage** |

*MONETARY PROGRESS:* *25.08%* *TIME PROGRESS:* *52.06%*

Contractor hereby certifies that, except as specifically indicated on the attached documents, there are no Claims of Contractor, its Subcontractors or Suppliers as of the date of this Application for Payment that have not been completely resolved, that the Contractor has no knowledge of any unsolved Claims by Subcontractors or Suppliers, that all Subcontractors and Suppliers have been paid to date from funds received for previous Applications for Payment, that there is no known basis for filing of any Claim on the Work and Contractor, upon receipt of funds due in this Application for Payment, hereby releases the Owner from any claims arising from the Work, except for retainage. Contractor further certifies that the amounts contained in the application for payment have been verified and are correct.

Under peralties of perjury, I declare that I have read the foregoing [document] and that the facts stated in it are true. (Florida Statute 92.525)

**CONTRACTOR: Hubbard Construction Company**

By: _____ Date: _____
George Rivers, PMP, Project Manager

## ENGINEER'S CERTIFICATION FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

**ENGINEER: AECOM**

By: _____ Date: _____
Clint Martin, P.E.

**OAR: The Roderick Group, Inc. dba Ardmore Roderick**

By: _____ Date: _____
Brittany Davis, Project Manager

| Initial / Date: |
|---|
| |
| Ben Brown<br>Loyal Wingman, LLC |

*Project Controls Specialist is Tammy Dobbyn, Ph: 407.825.2439*

## AMOUNT CERTIFIED:

$ **2,962,671.16**

OWNER: GREATER ORLANDO AVIATION AUTHORITY

By: _____ Date: _____
Scott Sheidak, V.P. of Construction

By: _____ Date: _____
Max Marble, S.V.P. of Capital Programs

By: _____ Date: _____
Marie Dennis, Deputy Chief Financial Officer

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

GOAA BACK-UP

| PAY APPLICATION 05 | | CONTRACTOR: Hubbard Construction Company | | | | | | | PERIOD ENDING: 05/31/24 | | | | | | | | | | Project # BP-497 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO. | DESCRIPTION OF WORK | QUANT | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COMPLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | |
| | | **Base Bid** | | | | | | | | | | | | | | | | | | | |
| 1 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 418,000.00 | 418,000.00 | | | 1.00 | 418,000.00 | 0.25 | 104,500.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 104,500.00 | 0.75 | 313,500.00 | 25% |
| 2 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 250,000.00 | 250,000.00 | | | 1.00 | 250,000.00 | 0.10 | 25,000.00 | 0.40 | 100,000.00 | 0.00 | | 0.50 | 125,000.00 | 0.50 | 125,000.00 | 50% |
| 3 | C-105-1 | MOBILIZATION | 1 | LS | 1,970,000.00 | 1,970,000.00 | | | 1.00 | 1,970,000.00 | 0.25 | 492,500.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 492,500.00 | 0.75 | 1,477,500.00 | 25% |
| 4 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 3,154,000.00 | 3,154,000.00 | | | 1.00 | 3,154,000.00 | 0.20 | 630,800.00 | 0.30 | 946,200.00 | 0.00 | | 0.50 | 1,577,000.00 | 0.50 | 1,577,000.00 | 50% |
| 5 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 19500 | SY | 60.00 | 1,170,000.00 | | | 19,500.00 | 1,170,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 19,500.00 | 1,170,000.00 | 0% |
| 6 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 29000 | SY | 9.62 | 278,980.00 | | | 29,000.00 | 278,980.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 29,000.00 | 278,980.00 | 0% |
| 7 | P-101-5.3 | ASPHALT FULL STRENGTH TAXIWAY PAVEMENT REMOVAL | 975 | SY | 17.59 | 17,150.25 | | | 975.00 | 17,150.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 975.00 | 17,150.25 | 0% |
| 8 | P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | 70000 | LF | 6.40 | 448,000.00 | | | 70,000.00 | 448,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 70,000.00 | 448,000.00 | 0% |
| 9 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 5300 | LF | 6.75 | 35,775.00 | | | 5,300.00 | 35,775.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5,300.00 | 35,775.00 | 0% |
| 10 | P-101-5.6 | CONCRETE SPALL REPAIR | 140 | SF | 315.00 | 44,100.00 | | | 140.00 | 44,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 140.00 | 44,100.00 | 0% |
| 11 | P-101-5.7 | PROFILE COLD MILLING, 4"± DEPTH | 7750 | SF | 10.97 | 85,017.50 | | | 7,750.00 | 85,017.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,750.00 | 85,017.50 | 0% |
| 12 | P-101-5.8 | DRAINAGE CONCRETE REMOVAL NOT ASSOCIATED WITH THE DEMOLITION OF AN EXISTING STRUCTURE | 250 | SY | 24.83 | 6,207.50 | | | 250.00 | 6,207.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 250.00 | 6,207.50 | 0% |
| 13 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 6750 | CY | 10.01 | 67,567.50 | | | 6,750.00 | 67,567.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 6,750.00 | 67,567.50 | 0% |
| 14 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 3800 | CY | 0.01 | 38.00 | | | 3,800.00 | 38.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3,800.00 | 38.00 | 0% |
| 15 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 24750 | SY | 18.54 | 458,865.00 | | | 24,750.00 | 458,865.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 24,750.00 | 458,865.00 | 0% |
| 16 | P-211-5.2 | LIME ROCK BASE COURSE - 12 INCH DEPTH | 225 | SY | 43.11 | 9,699.75 | | | 225.00 | 9,699.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 225.00 | 9,699.75 | 0% |
| 17 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 15500 | SY | 54.58 | 845,990.00 | | | 15,500.00 | 845,990.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 15,500.00 | 845,990.00 | 0% |
| 18 | P-401-8.1 | ASPHALT PAVEMENT | 7600 | TON | 288.00 | 2,188,800.00 | | | 7,600.00 | 2,188,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,600.00 | 2,188,800.00 | 0% |
| 19 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 14200 | SY | 192.82 | 2,738,044.00 | | | 14,200.00 | 2,738,044.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 14,200.00 | 2,738,044.00 | 0% |
| 20 | P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | 300 | SY | 458.87 | 137,661.00 | | | 300.00 | 137,661.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 300.00 | 137,661.00 | 0% |
| 21 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 42000 | SF | 2.23 | 93,660.00 | | | 42,000.00 | 93,660.00 | 0.00 | 9,609.07 | 0.00 | 0.00 | 0.00 | | 0.00 | 9,609.07 | 42,000.00 | 84,050.93 | 10% |
| 22 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 50000 | SF | 1.17 | 58,500.00 | | | 50,000.00 | 58,500.00 | 0.00 | 5,462.73 | 0.00 | 0.00 | 0.00 | | 0.00 | 5,462.73 | 50,000.00 | 53,037.27 | 9% |
| 23 | P-620-5.3 | SURFACE PAINTED HOLD POSITION SIGNS | 2600 | SF | 8.48 | 22,048.00 | | | 2,600.00 | 22,048.00 | 0.00 | 8,140.80 | 0.00 | 0.00 | 0.00 | | 0.00 | 8,140.80 | 2,600.00 | 13,907.20 | 37% |
| 24 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 12000 | SF | 2.85 | 34,200.00 | | | 12,000.00 | 34,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 12,000.00 | 34,200.00 | 0% |
| 25 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 65000 | SF | 2.98 | 193,700.00 | | | 65,000.00 | 193,700.00 | 9,518.00 | 33,751.48 | 4,650.00 | 13,857.00 | 0.00 | | 14,168.00 | 47,608.48 | 50,832.00 | 146,091.52 | 25% |
| 26 | T-904-5.1 | SODDING | 65000 | SY | 4.63 | 300,950.00 | | | 65,000.00 | 300,950.00 | 0.00 | 4,028.10 | 0.00 | 0.00 | 0.00 | | 0.00 | 4,028.10 | 65,000.00 | 296,921.90 | 1% |
| 27 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 17 | EA | 4,012.96 | 68,220.32 | | | 17.00 | 68,220.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 17.00 | 68,220.32 | 0% |
| 28 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 16 | CY | 2,752.53 | 44,040.48 | | | 16.00 | 44,040.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 16.00 | 44,040.48 | 0% |
| 29 | 425-11 | MODIFY EXISTING DRAINAGE STRUCTURE | 1 | EA | 8,360.98 | 8,360.98 | | | 1.00 | 8,360.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 8,360.98 | 0% |
| 30 | 430-175-124 | PIPE CULVERT, 24" S/CD (RCP)(CLASS V) | 226 | LF | 220.70 | 49,878.20 | | | 226.00 | 49,878.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 226.00 | 49,878.20 | 0% |
| 31 | 430-175-130 | PIPE CULVERT, 30" S/CD (RCP)(CLASS V) | 72 | LF | 344.09 | 24,774.48 | | | 72.00 | 24,774.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 72.00 | 24,774.48 | 0% |
| 32 | 430-175-136 | PIPE CULVERT, 36" S/CD (RCP)(CLASS V) | 456 | LF | 315.33 | 143,790.48 | | | 456.00 | 143,790.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 456.00 | 143,790.48 | 0% |
| 33 | 430-536-102 | STRAIGHT CONCRETE ENDWALLS, 36", DOUBLE, 0 DEGREES, ROUND | 2 | EA | 17,077.94 | 34,155.88 | | | 2.00 | 34,155.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 34,155.88 | 0% |
| 34 | D-705-5.1 | PIPE UNDERDRAIN - COMPLETE (PERFORATED AND NON-PERFORATED) | 1400 | LF | 57.71 | 80,794.00 | | | 1,400.00 | 80,794.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,400.00 | 80,794.00 | 0% |
| 35 | D-751-5.1 | MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-7) | 1 | EA | 39,315.36 | 39,315.36 | | | 1.00 | 39,315.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 39,315.36 | 0% |

| PAY APPLICATION 05 | | | CONTRACTOR: Hubbard Construction Company | | | | | | PERIOD ENDING: 05/31/24 | | | | | | | | | | Project # BP-497 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO | DESCRIPTION OF WORK | QUANT | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | |
| 36 | D-751-5.2 | INLET BOXES, SPECIAL (AIRCRAFT RATED) | 8 | EA | 38,029.27 | 304,234.16 | | | 8.00 | 304,234.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.00 | 304,234.16 | 0% |
| 37 | D-751-5.4 | JUNCTION BOXES, SPECIAL LARGE (AIRCRAFT RATED) (STRUCTURE S-4) | 1 | EA | 182,503.73 | 182,503.73 | | | 1.00 | 182,503.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 182,503.73 | 0% |
| 38 | 0430-94-1 | DESILTING AND CCTV PIPE INSPECTION, 0-24" OR EQUIVALENT ELLIPTICAL | 22 | LF | 6.44 | 141.68 | | | 22.00 | 141.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 22.00 | 141.68 | 0% |
| 39 | 0430-94-2 | DESILTING AND CCTV PIPE INSPECTION, 25-36" OR EQUIVALENT ELLIPTICAL | 661 | LF | 7.96 | 5,261.56 | | | 661.00 | 5,261.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 661.00 | 5,261.56 | 0% |
| 40 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 3953 | LF | 9.21 | 36,407.13 | | | 3,953.00 | 36,407.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,953.00 | 36,407.13 | 0% |
| 41 | 0524-1-4 | CONCRETE DITCH PAVEMENT, NON REINFORCED, 6" (SHOULDER GUTTER ONLY) | 400 | SY | 126.37 | 50,548.00 | | | 400.00 | 50,548.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 400.00 | 50,548.00 | 0% |
| 42 | 0524-1-49 | CONCRETE DITCH PAVEMENT, 6" REINFORCED | 170 | SY | 86.37 | 14,682.90 | | | 170.00 | 14,682.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 170.00 | 14,682.90 | 0% |
| 43 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 320,000.00 | 320,000.00 | | | 1.00 | 320,000.00 | 0.25 | 80,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 80,000.00 | 0.75 | 240,000.00 | 25% |
| 44 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 90,000.00 | 90,000.00 | | | 1.00 | 90,000.00 | 0.25 | 22,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 22,500.00 | 0.75 | 67,500.00 | 25% |
| 45 | SP-105-2 | EXISTING UNFORESEEN OR UNANTICIPATED ITEM REQUIRING DEMOLITION LESS THAN 125 CUBIC FEET IN SIZE | 1 | EA | 405.11 | 405.11 | | | 1.00 | 405.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 405.11 | 0% |
| 46 | SP-105-3 | EXISTING UNFORESEEN OR UNANTICIPATED ITEM REQUIRING DEMOLITION GREATER THAN 125 CUBIC FEET IN SIZE | 1 | EA | 50.64 | 50.64 | | | 1.00 | 50.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 50.64 | 0% |
| 47 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 KV STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 210000 | LF | 1.62 | 340,200.00 | | | 210,000.00 | 340,200.00 | 13,268.00 | 21,494.16 | 0.00 | 0.00 | 0.00 | 0.00 | 13,268.00 | 21,494.16 | 196,732.00 | 318,705.84 | 6% |
| 48 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 14000 | LF | 3.04 | 42,560.00 | | | 14,000.00 | 42,560.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14,000.00 | 42,560.00 | 0% |
| 49 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 450 | EA | 131.66 | 59,247.00 | | | 450.00 | 59,247.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 450.00 | 59,247.00 | 0% |
| 50 | L-109-2 | AIRFIELD LIGHTING CONTROL SYSTEM MODIFICATIONS: CONTRACTOR | 1 | LS | 8,102.29 | 8,102.29 | | | 1.00 | 8,102.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 8,102.29 | 0% |
| 51 | L-109-3 | AIRFIELD ELECTRICAL VAULT MODIFICATIONS | 1 | LS | 80,000.00 | 80,000.00 | | | 1.00 | 80,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 80,000.00 | 0% |
| 52 | L-109-4 | SHORT CIRCUIT/COORDINATION/DEVICE EVALUATION/ARC FLASH ANALYSIS | 1 | LS | 7,595.90 | 7,595.90 | | | 1.00 | 7,595.90 | 1.00 | 7,595.90 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 7,595.90 | 0.00 | 0.00 | 100% |
| 53 | L-109-5 | 4 KW L-829 CONSTANT CURRENT REGULATOR - 3 STEP - 480V | 1 | EA | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 20,255.73 | 0% |
| 54 | L-109-6 | 7.5 KW L-829 CONSTANT CURRENT REGULATOR - 3 STEP - 480V | 2 | EA | 25,319.66 | 50,639.32 | | | 2.00 | 50,639.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.00 | 50,639.32 | 0% |
| 55 | L-109-7 | 7.5 KW L-829 CONSTANT CURRENT REGULATOR - 5 STEP - 480V | 4 | EA | 25,319.66 | 101,278.64 | | | 4.00 | 101,278.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.00 | 101,278.64 | 0% |
| 56 | L-109-8 | 30 KW L-829 CONSTANT CURRENT REGULATOR - 5 STEP - 480V | 1 | EA | 40,511.46 | 40,511.46 | | | 1.00 | 40,511.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 40,511.46 | 0% |
| 57 | L-109-10 | RFID FIXTURE ASSOCIATION AND DATABASE: CONTRACTOR | 1 | LS | 2,025.57 | 2,025.57 | | | 1.00 | 2,025.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 2,025.57 | 0% |
| 58 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 11000 | LF | 20.26 | 222,860.00 | | | 11,000.00 | 222,860.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11,000.00 | 222,860.00 | 0% |
| 59 | L-110-2 | 2 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 600 | LF | 50.64 | 30,384.00 | | | 600.00 | 30,384.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 600.00 | 30,384.00 | 0% |
| 60 | L-110-3 | 4 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 1200 | LF | 91.15 | 109,380.00 | | | 1,200.00 | 109,380.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,200.00 | 109,380.00 | 0% |
| 61 | L-110-4 | 6 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 800 | LF | 126.60 | 101,280.00 | | | 800.00 | 101,280.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 800.00 | 101,280.00 | 0% |
| 62 | L-110-6 | 1 WAY 4" SPLIT DUCT | 50 | LF | 40.51 | 2,025.50 | | | 50.00 | 2,025.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 50.00 | 2,025.50 | 0% |
| 63 | L-110-7 | BASE CAN DRAIN WELL | 10 | EA | 1,620.46 | 16,204.60 | | | 10.00 | 16,204.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.00 | 16,204.60 | 0% |
| 64 | L-115-1 | JUNCTION CAN PLAZA - TWO L-867E CANS | 3 | EA | 6,076.72 | 18,230.16 | | | 3.00 | 18,230.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 18,230.16 | 0% |
| 65 | L-115-2 | JUNCTION CAN PLAZA - FOUR L-867E CANS | 3 | EA | 12,153.44 | 36,460.32 | | | 3.00 | 36,460.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 36,460.32 | 0% |
| 66 | L-115-3 | JUNCTION CAN PLAZA - SIX L-867E CANS | 3 | EA | 16,204.58 | 48,613.74 | | | 3.00 | 48,613.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 48,613.74 | 0% |
| 67 | L-125-1 | L-852C(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (NE) | 223 | EA | 1,924.29 | 429,116.67 | | | 223.00 | 429,116.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 223.00 | 429,116.67 | 0% |
| 68 | L-125-2 | L-852D(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (NE) | 461 | EA | 2,025.57 | 933,787.77 | | | 461.00 | 933,787.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 461.00 | 933,787.77 | 0% |

**PAY APPLICATION 05** | **CONTRACTOR: Hubbard Construction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | |
| 69 | L-125-3 | L-853 ELEVATED RETROREFLECTIVE MARKER | 16 | EA | 151.92 | 2,430.72 | | | 16.00 | 2,430.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 16.00 | 2,430.72 | 0% |
| 70 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 18 | EA | 8,102.29 | 145,841.22 | | | 18.00 | 145,841.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 18.00 | 145,841.22 | 0% |
| 71 | L-125-5 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE INSTALLED ON AN EXISTING SIGN PAD | 1 | EA | 5,063.93 | 5,063.93 | | | 1.00 | 5,063.93 | 0.00 | 0.00 | 1.00 | 5,063.93 | 0.00 | | 1.00 | 5,063.93 | 0.00 | 0.00 | 100% |
| 72 | L-125-6 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 4 MODULE | 2 | EA | 11,140.65 | 22,281.30 | | | 2.00 | 22,281.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 22,281.30 | 0% |
| 73 | L-125-7 | L-858C SIGN - SINGLE FACE, NON-LIGHTED, TAXIWAY END MARKER | 5 | EA | 6,076.72 | 30,383.60 | | | 5.00 | 30,383.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5.00 | 30,383.60 | 0% |
| 74 | L-125-9 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (E) | 9 | EA | 1,012.79 | 9,115.11 | | | 9.00 | 9,115.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 9.00 | 9,115.11 | 0% |
| 75 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 88 | EA | 1,721.74 | 151,513.12 | | | 88.00 | 151,513.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 88.00 | 151,513.12 | 0% |
| 76 | L-125-11 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NE) | 2 | EA | 1,012.79 | 2,025.58 | | | 2.00 | 2,025.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 2,025.58 | 0% |
| 77 | L-125-13 | L-867B, 1/2" GALVANIZED STEEL BLANK COVER (NE) | 2 | EA | 202.56 | 405.12 | | | 2.00 | 405.12 | 2.00 | 405.12 | 0.00 | 0.00 | 0.00 | | 2.00 | 405.12 | 0.00 | 0.00 | 100% |
| 78 | L-125-14 | L-868B, 3/4" GALVANIZED STEEL BLANK COVER (NE) | 96 | EA | 243.07 | 23,334.72 | | | 96.00 | 23,334.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 96.00 | 23,334.72 | 0% |
| 79 | L-125-15 | REMOVE AND REPLACE P-605 SEALANT AROUND L-868B BASE CAN | 780 | EA | 50.64 | 39,499.20 | | | 780.00 | 39,499.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 780.00 | 39,499.20 | 0% |
| 80 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 69 | EA | 911.51 | 62,894.19 | | | 69.00 | 62,894.19 | 6.00 | 5,469.06 | 0.00 | 0.00 | 0.00 | | 6.00 | 5,469.06 | 63.00 | 57,425.13 | 9% |
| 81 | L-125-17 | L-852D(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (C) | 1 | EA | 2,531.97 | 2,531.97 | | | 1.00 | 2,531.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 2,531.97 | 0% |
| **82** | **L-109-1** | **AIRFIELD LIGHTING CONTROL SYSTEM MODIFICATIONS: VENDOR** | **1** | **AL** | **65,000.00** | **65,000.00** | | | **1.00** | **65,000.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | | **0.00** | **0.00** | **1.00** | **65,000.00** | **0%** |
| **83** | **L-109-9** | **RFID FIXTURE ASSOCIATION AND DATABASE: VENDOR** | **1** | **AL** | **10,000.00** | **10,000.00** | | | **1.00** | **10,000.00** | **0.00** | **0.00** | **0.00** | **0.00** | **0.00** | | **0.00** | **0.00** | **1.00** | **10,000.00** | **0%** |
| | | **SUBTOTAL - Base Bid** | | | | **19,797,597.04** | | | | **19,797,597.04** | | **1,451,256.42** | | **1,065,120.93** | | **0.00** | | **2,516,377.35** | | **17,281,219.69** | **13%** |
| | | **Additive Alternate 1** | | | | | | | | | | | | | | | | | | | |
| 84 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 16,300.00 | 16,300.00 | | | 1.00 | 16,300.00 | 0.50 | 8,150.00 | 0.20 | 3,260.00 | 0.00 | | 0.70 | 11,410.00 | 0.30 | 4,890.00 | 70% |
| 85 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 30,000.00 | 30,000.00 | | | 1.00 | 30,000.00 | 0.75 | 22,500.00 | 0.05 | 1,500.00 | 0.00 | | 0.80 | 24,000.00 | 0.20 | 6,000.00 | 80% |
| 86 | C-105-1 | MOBILIZATION | 1 | LS | 340,000.00 | 340,000.00 | | | 1.00 | 340,000.00 | 0.50 | 170,000.00 | 0.40 | 136,000.00 | 0.00 | | 0.90 | 306,000.00 | 0.10 | 34,000.00 | 90% |
| 87 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 346,000.00 | 346,000.00 | | | 1.00 | 346,000.00 | 0.75 | 259,500.00 | 0.05 | 17,300.00 | 0.00 | | 0.80 | 276,800.00 | 0.20 | 69,200.00 | 80% |
| 88 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 850 | SY | 165.00 | 140,250.00 | | | 850.00 | 140,250.00 | 671.00 | 110,715.00 | 179.00 | 29,535.00 | 0.00 | | 850.00 | 140,250.00 | 0.00 | 0.00 | 100% |
| 89 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 6900 | SY | 9.92 | 68,448.00 | | | 6,900.00 | 68,448.00 | 3,602.00 | 35,731.84 | 3,298.00 | 32,716.16 | 0.00 | | 6,900.00 | 68,448.00 | 0.00 | 0.00 | 100% |
| 90 | P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | 22000 | LF | 6.40 | 140,800.00 | | | 22,000.00 | 140,800.00 | 7,903.00 | 50,579.20 | 0.00 | 0.00 | 0.00 | | 7,903.00 | 50,579.20 | 14,097.00 | 90,220.80 | 36% |
| 91 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 1400 | LF | 6.75 | 9,450.00 | | | 1,400.00 | 9,450.00 | 803.00 | 5,420.25 | 0.00 | 0.00 | 0.00 | | 803.00 | 5,420.25 | 597.00 | 4,029.75 | 57% |
| 92 | P-101-5.6 | CONCRETE SPALL REPAIR | 100 | SF | 315.00 | 31,500.00 | | | 100.00 | 31,500.00 | 11.68 | 3,679.20 | 18.30 | 5,764.50 | 0.00 | | 29.98 | 9,443.70 | 70.02 | 22,056.30 | 30% |
| 93 | P-101-5.7 | PROFILE COLD MILLING, 4"± DEPTH | 5000 | SY | 12.08 | 60,400.00 | | | 5,000.00 | 60,400.00 | 4,776.44 | 57,699.40 | 0.00 | 0.00 | 0.00 | | 4,776.44 | 57,699.40 | 223.56 | 2,700.60 | 96% |
| 94 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 1900 | CY | 10.03 | 19,057.00 | | | 1,900.00 | 19,057.00 | 0.00 | 0.00 | 416.80 | 4,180.50 | 0.00 | | 416.80 | 4,180.50 | 1,483.20 | 14,876.50 | 22% |
| 95 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 2300 | CY | 0.01 | 23.00 | | | 2,300.00 | 23.00 | 0.00 | 0.00 | 416.80 | 4.17 | 0.00 | | 416.80 | 4.17 | 1,883.20 | 18.83 | 18% |
| 96 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 5250 | SY | 19.68 | 103,320.00 | | | 5,250.00 | 103,320.00 | 2,618.00 | 51,522.24 | 0.00 | 0.00 | 0.00 | | 2,618.00 | 51,522.24 | 2,632.00 | 51,797.76 | 50% |
| 97 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 3750 | SY | 55.11 | 206,662.50 | | | 3,750.00 | 206,662.50 | 1,907.00 | 105,094.77 | 1,709.00 | 94,182.99 | 0.00 | | 3,616.00 | 199,277.76 | 134.00 | 7,384.74 | 96% |
| 98 | P-401-8.1 | ASPHALT PAVEMENT | 2350 | TON | 268.20 | 630,270.00 | | | 2,350.00 | 630,270.00 | 1,401.00 | 375,748.20 | 0.00 | 0.00 | 0.00 | | 1,401.00 | 375,748.20 | 949.00 | 254,521.80 | 60% |
| 99 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 3500 | SY | 192.89 | 675,115.00 | | | 3,500.00 | 675,115.00 | 1,737.00 | 335,049.47 | 1,636.10 | 315,587.33 | 0.00 | 0.00 | 3,373.10 | 650,636.80 | 126.90 | 24,478.20 | 96% |
| 100 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 5200 | SF | 3.59 | 18,668.00 | | | 5,200.00 | 18,668.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5,200.00 | 18,668.00 | 0% |
| 101 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 8500 | SF | 1.78 | 15,130.00 | | | 8,500.00 | 15,130.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 8,500.00 | 15,130.00 | 0% |
| 102 | P-620-5.3 | SURFACE PAINTED HOLD POSITION SIGNS | 1000 | SF | 8.98 | 8,980.00 | | | 1,000.00 | 8,980.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,000.00 | 8,980.00 | 0% |
| 103 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 2000 | SF | 2.20 | 4,400.00 | | | 2,000.00 | 4,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,000.00 | 4,400.00 | 0% |

| PAY APPLICATION 05 | | | CONTRACTOR: Hubbard Construction Company | | | | | | PERIOD ENDING: 05/31/24 | | | | | | | | | Project # BP-497 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO | DESCRIPTION OF WORK | QUANT | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does hot Include Stored Materials) | | BALANCE | | % COM-PLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | |
| 104 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 10500 | SF | 2.98 | 31,290.00 | | | 10,500.00 | 31,290.00 | 4,325.00 | 12,888.50 | 1,946.00 | 5,799.08 | 0.00 | | 6,271.00 | 18,687.58 | 4,229.00 | 12,602.42 | 60% |
| 105 | T-904-5.1 | SODDING | 17000 | SY | 4.64 | 78,880.00 | | | 17,000.00 | 78,880.00 | 13,285.00 | 61,642.40 | 0.00 | 0.00 | 0.00 | | 13,285.00 | 61,642.40 | 3,715.00 | 17,237.60 | 78% |
| 106 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 2 | EA | 4,453.07 | 8,906.14 | | | 2.00 | 8,906.14 | 2.00 | 8,906.14 | 0.00 | 0.00 | 0.00 | | 2.00 | 8,906.14 | 0.00 | 0.00 | 100% |
| 107 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 8 | CY | 3,190.84 | 25,526.72 | | | 8.00 | 25,526.72 | 8.00 | 25,526.72 | 0.00 | 0.00 | 0.00 | | 8.00 | 25,526.72 | 0.00 | 0.00 | 100% |
| 108 | 425-2-71 | MANHOLES/JUNCTION BOXES, J-7, <10' | 1 | EA | 46,934.57 | 46,934.57 | | | 1.00 | 46,934.57 | 1.00 | 46,934.57 | 0.00 | 0.00 | 0.00 | | 1.00 | 46,934.57 | 0.00 | 0.00 | 100% |
| 109 | 430-175-142 | PIPE CULVERT, 42" S/CD (RCP)(CLASS V) | 30 | LF | 537.15 | 16,114.50 | | | 30.00 | 16,114.50 | 30.00 | 16,114.50 | 0.00 | 0.00 | 0.00 | | 30.00 | 16,114.50 | 0.00 | 0.00 | 100% |
| 110 | 430-175-148 | PIPE CULVERT, 48" S/CD (RCP)(CLASS V) | 208 | LF | 510.32 | 106,146.56 | | | 208.00 | 106,146.56 | 208.00 | 106,146.56 | 0.00 | 0.00 | 0.00 | | 208.00 | 106,146.56 | 0.00 | 0.00 | 100% |
| 111 | 430-538-102 | STRAIGHT CONCRETE ENDWALLS, 48", DOUBLE, 0 DEGREES, ROUND | 1 | EA | 30,494.81 | 30,494.81 | | | 1.00 | 30,494.81 | 1.00 | 30,494.81 | 0.00 | 0.00 | 0.00 | | 1.00 | 30,494.81 | 0.00 | 0.00 | 100% |
| 112 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 890 | LF | 9.22 | 8,205.80 | | | 890.00 | 8,205.80 | 0.00 | 0.00 | 480.00 | 4,425.60 | 0.00 | | 480.00 | 4,425.60 | 410.00 | 3,780.20 | 54% |
| 113 | 0524-1-49 | CONCRETE DITCH PAVEMENT, 6" REINFORCED | 100 | SY | 86.37 | 8,637.00 | | | 100.00 | 8,637.00 | 73.00 | 6,305.01 | 0.00 | 0.00 | 0.00 | | 73.00 | 6,305.01 | 27.00 | 2,331.99 | 73% |
| 114 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 0.50 | 10,127.86 | 0.00 | 0.00 | 0.00 | | 0.50 | 10,127.86 | 0.50 | 10,127.87 | 50% |
| 115 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 10,127.86 | 10,127.86 | | | 1.00 | 10,127.86 | 1.00 | 10,127.86 | 0.00 | 0.00 | 0.00 | | 1.00 | 10,127.86 | 0.00 | 0.00 | 100% |
| 116 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 KV STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 8,000 | LF | 1.62 | 12,960.00 | | | 8,000.00 | 12,960.00 | 4,142.00 | 6,710.04 | 0.00 | 0.00 | 0.00 | | 4,142.00 | 6,710.04 | 3,858.00 | 6,249.96 | 0.51775 |
| 117 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 1400 | LF | 3.04 | 4,256.00 | | | 1,400.00 | 4,256.00 | 631.00 | 1,918.24 | 86.00 | 261.44 | 0.00 | | 717.00 | 2,179.68 | 683.00 | 2,076.32 | 51% |
| 118 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 100 | EA | 151.92 | 15,192.00 | | | 100.00 | 15,192.00 | 19.00 | 2,886.48 | 0.00 | 0.00 | 0.00 | | 19.00 | 2,886.48 | 81.00 | 12,305.52 | 19% |
| 119 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 1200 | LF | 20.26 | 24,312.00 | | | 1,200.00 | 24,312.00 | 651.00 | 13,189.26 | 0.00 | 0.00 | 0.00 | | 651.00 | 13,189.26 | 549.00 | 11,122.74 | 54% |
| 120 | L-110-3 | 4 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 120 | LF | 91.15 | 10,938.00 | | | 120.00 | 10,938.00 | 43.00 | 3,919.45 | 0.00 | 0.00 | 0.00 | | 43.00 | 3,919.45 | 77.00 | 7,018.55 | 36% |
| 121 | L-110-7 | BASE CAN DRAIN WELL | 2 | EA | 1,620.46 | 3,240.92 | | | 2.00 | 3,240.92 | 1.00 | 1,620.46 | 0.00 | 0.00 | 0.00 | | 1.00 | 1,620.46 | 1.00 | 1,620.46 | 50% |
| 122 | L-115-2 | JUNCTION CAN PLAZA - FOUR L-867E CANS | 1 | EA | 12,153.44 | 12,153.44 | | | 1.00 | 12,153.44 | 1.00 | 12,153.44 | 0.00 | 0.00 | 0.00 | | 1.00 | 12,153.44 | 0.00 | 0.00 | 100% |
| 123 | L-125-3 | L-853 ELEVATED RETROREFLECTIVE MARKER | 8 | EA | 151.92 | 1,215.36 | | | 8.00 | 1,215.36 | 4.00 | 607.68 | 0.00 | 0.00 | 0.00 | | 4.00 | 607.68 | 4.00 | 607.68 | 50% |
| 124 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 2 | EA | 8,102.29 | 16,204.58 | | | 2.00 | 16,204.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 16,204.58 | 0% |
| 125 | L-125-8 | EXISTING SIGN INSTALLED ON NEW CONCRETE SIGN PAD | 3 | EA | 4,051.15 | 12,153.45 | | | 3.00 | 12,153.45 | 3.00 | 12,153.45 | 0.00 | 0.00 | 0.00 | | 3.00 | 12,153.45 | 0.00 | 0.00 | 100% |
| 126 | L-125-9 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (E) | 17 | EA | 1,012.79 | 17,217.43 | | | 17.00 | 17,217.43 | 0.00 | 0.00 | 17.00 | 17,217.43 | 0.00 | | 17.00 | 17,217.43 | 0.00 | 0.00 | 100% |
| 127 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 11 | EA | 1,721.74 | 18,939.14 | | | 11.00 | 18,939.14 | 8.00 | 13,773.92 | 0.00 | 0.00 | 0.00 | | 8.00 | 13,773.92 | 3.00 | 5,165.22 | 73% |
| 128 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 4 | EA | 911.51 | 3,646.04 | | | 4.00 | 3,646.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 3,646.04 | 0% |
| | | **SUBTOTAL - Add Alternate #01** | | | | **3,408,721.55** | **0.00** | **0.00** | | **3,408,721.55** | **2.00** | **1,995,536.92** | **1.00** | **667,734.20** | **0.00** | **0.00** | **3.00** | **2,663,271.12** | | **745,450.43** | **78%** |
| | | **Additive Alternate 2** | | | | | | | | | | | | | | | | | | | |
| 129 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 10,900.00 | 10,900.00 | | | 1.00 | 10,900.00 | 0.25 | 2,725.00 | 0.20 | 2,180.00 | 0.00 | | 0.45 | 4,905.00 | 0.55 | 5,995.00 | 45% |
| 130 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 20,000.00 | 20,000.00 | | | 1.00 | 20,000.00 | 0.50 | 10,000.00 | 0.25 | 5,000.00 | 0.00 | | 0.75 | 15,000.00 | 0.25 | 5,000.00 | 75% |
| 131 | C-105-1 | MOBILIZATION | 1 | LS | 260,000.00 | 260,000.00 | | | 1.00 | 260,000.00 | 0.25 | 65,000.00 | 0.25 | 65,000.00 | 0.00 | | 0.50 | 130,000.00 | 0.50 | 130,000.00 | 50% |
| 132 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 309,000.00 | 309,000.00 | | | 1.00 | 309,000.00 | 0.50 | 154,500.00 | 0.25 | 77,250.00 | 0.00 | | 0.75 | 231,750.00 | 0.25 | 77,250.00 | 75% |
| 133 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 1600 | SY | 86.00 | 137,600.00 | | | 1,600.00 | 137,600.00 | 493.00 | 42,398.00 | 1,000.00 | 86,000.00 | 0.00 | | 1,493.00 | 128,398.00 | 107.00 | 9,202.00 | 93% |
| 134 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 4500 | SY | 11.28 | 50,760.00 | | | 4,500.00 | 50,760.00 | 2,326.00 | 26,237.28 | 2,112.00 | 23,823.36 | 0.00 | | 4,438.00 | 50,060.64 | 62.00 | 699.36 | 99% |
| 135 | P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | 22000 | LF | 6.40 | 140,800.00 | | | 22,000.00 | 140,800.00 | 12,625.00 | 80,800.00 | 0.00 | 0.00 | 0.00 | | 12,625.00 | 80,800.00 | 9,375.00 | 60,000.00 | 57% |
| 136 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 1100 | LF | 7.80 | 8,580.00 | | | 1,100.00 | 8,580.00 | 682.00 | 5,319.60 | 0.00 | 0.00 | 0.00 | | 682.00 | 5,319.60 | 418.00 | 3,260.40 | 62% |

| PAY APPLICATION 05 | | | CONTRACTOR: Hubbard Construction Company | | | | | | PERIOD ENDING: 05/31/24 | | | | | | | | | | Project # BP-497 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From Sl. Mat. Wkshl. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| 137 | P-101-5.6 | CONCRETE SPALL REPAIR | 50 | SF | 315.00 | 15,750.00 | | | 50.00 | 15,750.00 | 14.46 | 4,554.90 | 33.24 | 10,470.60 | 0.00 | | 47.70 | 15,025.50 | 2.30 | 724.50 | 95% |
| 138 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 700 | CY | 10.09 | 7,063.00 | | | 700.00 | 7,063.00 | 0.00 | 0.00 | 343.90 | 3,469.95 | 0.00 | | 343.90 | 3,469.95 | 356.10 | 3,593.05 | 49% |
| 139 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 800 | CY | 0.01 | 8.00 | | | 800.00 | 8.00 | 0.00 | 0.00 | 343.90 | 3.44 | 0.00 | | 343.90 | 3.44 | 456.10 | 4.56 | 43% |
| 140 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 3500 | SY | 19.72 | 69,020.00 | | | 3,500.00 | 69,020.00 | 1,612.00 | 31,788.64 | 0.00 | 0.00 | 0.00 | | 1,612.00 | 31,788.64 | 1,888.00 | 37,231.36 | 46% |
| 141 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 4500 | SY | 55.17 | 248,265.00 | | | 4,500.00 | 248,265.00 | 2,224.00 | 122,698.08 | 2,194.00 | 121,042.98 | 0.00 | | 4,418.00 | 243,741.06 | 82.00 | 4,523.94 | 98% |
| 142 | P-401-8.1 | ASPHALT PAVEMENT | 800 | TON | 232.35 | 185,880.00 | | | 800.00 | 185,880.00 | 373.00 | 86,666.55 | 0.00 | 0.00 | 0.00 | | 373.00 | 86,666.55 | 427.00 | 99,213.45 | 47% |
| 143 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 4250 | SY | 192.86 | 819,655.00 | | | 4,250.00 | 819,655.00 | 2,022.00 | 389,962.09 | 1,525.12 | 294,134.64 | 0.00 | 0.00 | 3,547.12 | 684,096.73 | 702.88 | 135,558.27 | 83% |
| 144 | P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | 35 | SY | 853.77 | 29,881.95 | | | 35.00 | 29,881.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 35.00 | 29,881.95 | 0% |
| 145 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 1800 | SF | 3.52 | 6,336.00 | | | 1,800.00 | 6,336.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,800.00 | 6,336.00 | 0% |
| 146 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 2400 | SF | 2.05 | 4,920.00 | | | 2,400.00 | 4,920.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,400.00 | 4,920.00 | 0% |
| 147 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 1200 | SF | 3.54 | 4,248.00 | | | 1,200.00 | 4,248.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,200.00 | 4,248.00 | 0% |
| 148 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 1200 | SF | 2.98 | 3,576.00 | | | 1,200.00 | 3,576.00 | 751.00 | 2,237.98 | 449.00 | 1,338.02 | 0.00 | | 1,200.00 | 3,576.00 | 0.00 | 0.00 | 100% |
| 149 | T-904-5.1 | SODDING | 2600 | SY | 5.35 | 13,910.00 | | | 2,600.00 | 13,910.00 | 1,725.00 | 9,228.75 | 0.00 | 0.00 | 0.00 | | 1,725.00 | 9,228.75 | 875.00 | 4,681.25 | 66% |
| 150 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 2 | EA | 5,215.68 | 10,431.36 | | | 2.00 | 10,431.36 | 1.00 | 5,215.68 | 1.00 | 5,215.68 | 0.00 | | 2.00 | 10,431.36 | 0.00 | 0.00 | 100% |
| 151 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 8 | CY | 1,641.92 | 13,135.36 | | | 8.00 | 13,135.36 | 0.00 | 0.00 | 4.00 | 6,567.68 | 0.00 | | 4.00 | 6,567.68 | 4.00 | 6,567.68 | 50% |
| 152 | 430-175-148 | PIPE CULVERT, 48" S/CD (RCP)(CLASS V) | 242 | LF | 495.28 | 119,857.76 | | | 242.00 | 119,857.76 | 81.00 | 40,117.68 | 161.00 | 79,740.08 | 0.00 | | 242.00 | 119,857.76 | 0.00 | (0.00) | 100% |
| 153 | D-751-5.1 | MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-14) | 1 | EA | 39,332.19 | 39,332.19 | | | 1.00 | 39,332.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 39,332.19 | 0% |
| 154 | D-751-5.2 | INLET BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-15) | 1 | EA | 41,143.13 | 41,143.13 | | | 1.00 | 41,143.13 | 0.00 | 0.00 | 1.00 | 41,143.13 | 0.00 | | 1.00 | 41,143.13 | 0.00 | 0.00 | 100% |
| 155 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 485 | LF | 9.21 | 4,466.85 | | | 485.00 | 4,466.85 | 0.00 | 0.00 | 286.00 | 2,634.06 | 0.00 | | 286.00 | 2,634.06 | 199.00 | 1,832.79 | 59% |
| 156 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 0.50 | 10,127.86 | 0.00 | 0.00 | 0.00 | | 0.50 | 10,127.86 | 0.50 | 10,127.87 | 50% |
| 157 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 15,191.80 | 15,191.80 | | | 1.00 | 15,191.80 | 0.90 | 13,672.62 | 0.00 | 0.00 | 0.00 | | 0.90 | 13,672.62 | 0.10 | 1,519.18 | 90% |
| 158 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 Kv STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 16000 | LF | 1.62 | 25,920.00 | | | 16,000.00 | 25,920.00 | 8,430.00 | 13,656.60 | 0.00 | 0.00 | 0.00 | | 8,430.00 | 13,656.60 | 7,570.00 | 12,263.40 | 53% |
| 159 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 2700 | LF | 3.04 | 8,208.00 | | | 2,700.00 | 8,208.00 | 888.00 | 2,699.52 | 68.00 | 206.72 | 0.00 | | 956.00 | 2,906.24 | 1,744.00 | 5,301.76 | 35% |
| 160 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 140 | EA | 151.92 | 21,268.80 | | | 140.00 | 21,268.80 | 58.00 | 8,811.36 | 5.00 | 759.60 | 0.00 | | 63.00 | 9,570.96 | 77.00 | 11,697.84 | 45% |
| 161 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 2200 | LF | 20.26 | 44,572.00 | | | 2,200.00 | 44,572.00 | 812.00 | 16,451.12 | 0.00 | 0.00 | 0.00 | | 812.00 | 16,451.12 | 1,388.00 | 28,120.88 | 37% |
| 162 | L-110-2 | 2 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 150 | LF | 50.64 | 7,596.00 | | | 150.00 | 7,596.00 | 57.00 | 2,886.48 | 6.00 | 303.84 | 0.00 | | 63.00 | 3,190.32 | 87.00 | 4,405.68 | 42% |
| 163 | L-110-4 | 6 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 90 | LF | 126.60 | 11,394.00 | | | 90.00 | 11,394.00 | 60.00 | 7,596.00 | 0.00 | 0.00 | 0.00 | | 60.00 | 7,596.00 | 30.00 | 3,798.00 | 67% |
| 164 | L-110-5 | 8 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 110 | LF | 151.92 | 16,711.20 | | | 110.00 | 16,711.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 110.00 | 16,711.20 | 0% |
| 165 | L-110-7 | BASE CAN DRAIN WELL | 2 | EA | 1,620.46 | 3,240.92 | | | 2.00 | 3,240.92 | 2.00 | 3,240.92 | 0.00 | 0.00 | 0.00 | | 2.00 | 3,240.92 | 0.00 | 0.00 | 100% |
| 166 | L-115-1 | JUNCTION CAN PLAZA - TWO L-867E CANS | 1 | EA | 6,076.72 | 6,076.72 | | | 1.00 | 6,076.72 | 1.00 | 6,076.72 | 0.00 | 0.00 | 0.00 | | 1.00 | 6,076.72 | 0.00 | 0.00 | 100% |
| 167 | L-115-4 | JUNCTION CAN PLAZA - EIGHT L-867E CANS | 1 | EA | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 1.00 | 20,255.73 | 0.00 | 0.00 | 0.00 | | 1.00 | 20,255.73 | 0.00 | 0.00 | 100% |
| 168 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 8 | EA | 8,102.29 | 64,818.32 | | | 8.00 | 64,818.32 | 3.00 | 24,306.87 | 1.00 | 8,102.29 | 0.00 | | 4.00 | 32,409.16 | 4.00 | 32,409.16 | 50% |
| 169 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 25 | EA | 1,721.74 | 43,043.50 | | | 25.00 | 43,043.50 | 14.00 | 24,104.36 | 0.00 | 0.00 | 0.00 | | 14.00 | 24,104.36 | 11.00 | 18,939.14 | 56% |
| 170 | L-125-11 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NE) | 2 | EA | 1,012.79 | 2,025.58 | | | 2.00 | 2,025.58 | 1.00 | 1,012.79 | 1.00 | 1,012.79 | 0.00 | | 2.00 | 2,025.58 | 0.00 | 0.00 | 100% |
| 171 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 8 | EA | 911.51 | 7,292.08 | | | 8.00 | 7,292.08 | 4.00 | 3,646.04 | 0.00 | 0.00 | 0.00 | | 4.00 | 3,646.04 | 4.00 | 3,646.04 | 50% |

| PAY APPLICATION 05 | | | CONTRACTOR: Hubbard Construction Company | | | | | | PERIOD ENDING: 05/31/24 | | | | | | | | | | Project # BP-497 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO | DESCRIPTION OF WORK | QUANT | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | |
| | | **SUBTOTAL - Add Alternate #02** | | | | **2,892,389.98** | **0.00** | **0.00** | | **2,892,389.98** | **5,566.50** | **1,237,995.22** | **86.00** | **835,398.84** | **0.00** | **0.00** | **5,652.50** | **2,073,394.08** | | **818,995.90** | **72%** |
| | | **Additive Alternate 3** | | | | | | | | | | | | | | | | | | | |
| 172 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 10,900.00 | 10,900.00 | | | 1.00 | 10,900.00 | 0.25 | 2,725.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 2,725.00 | 0.75 | 8,175.00 | 25% |
| 173 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 27,000.00 | 27,000.00 | | | 1.00 | 27,000.00 | 0.10 | 2,700.00 | 0.00 | 0.00 | 0.00 | | 0.10 | 2,700.00 | 0.90 | 24,300.00 | 10% |
| 174 | C-105-1 | MOBILIZATION | 1 | LS | 600,000.00 | 600,000.00 | | | 1.00 | 600,000.00 | 0.25 | 150,000.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 150,000.00 | 0.75 | 450,000.00 | 25% |
| 175 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 419,000.00 | 419,000.00 | | | 1.00 | 419,000.00 | 0.10 | 41,900.00 | 0.00 | 0.00 | 0.00 | | 0.10 | 41,900.00 | 0.90 | 377,100.00 | 10% |
| 176 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 2750 | SY | 85.00 | 233,750.00 | | | 2,750.00 | 233,750.00 | 0.00 | 0.00 | 1,247.00 | 105,995.00 | 0.00 | | 1,247.00 | 105,995.00 | 1,503.00 | 127,755.00 | 45% |
| 177 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 11000 | SY | 8.66 | 95,260.00 | | | 11,000.00 | 95,260.00 | 0.00 | 0.00 | 6,349.00 | 54,982.34 | 0.00 | | 6,349.00 | 54,982.34 | 4,651.00 | 40,277.66 | 58% |
| 178 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 100 | LF | 10.00 | 1,000.00 | | | 100.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 100.00 | 1,000.00 | 0% |
| 179 | P-101-5.6 | CONCRETE SPALL REPAIR | 95 | SF | 315.00 | 29,925.00 | | | 95.00 | 29,925.00 | 0.00 | 0.00 | 7.76 | 2,444.40 | 0.00 | | 7.76 | 2,444.40 | 87.24 | 27,480.60 | 8% |
| 180 | P-101-5.8 | DRAINAGE CONCRETE REMOVAL NOT ASSOCIATED WITH THE DEMOLITION OF AN EXISTING STRUCTURE | 2000 | SY | 24.39 | 48,780.00 | | | 2,000.00 | 48,780.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,000.00 | 48,780.00 | 0% |
| 181 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 2300 | CY | 10.03 | 23,069.00 | | | 2,300.00 | 23,069.00 | 0.00 | 0.00 | 354.10 | 3,551.62 | 0.00 | | 354.10 | 3,551.62 | 1,945.90 | 19,517.38 | 15% |
| 182 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 3400 | CY | 0.01 | 34.00 | | | 3,400.00 | 34.00 | 0.00 | 0.00 | 354.10 | 3.54 | 0.00 | | 354.10 | 3.54 | 3,045.90 | 30.46 | 10% |
| 183 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 9000 | SY | 18.80 | 169,200.00 | | | 9,000.00 | 169,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 9,000.00 | 169,200.00 | 0% |
| 184 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 9000 | SY | 53.31 | 479,790.00 | | | 9,000.00 | 479,790.00 | 0.00 | 0.00 | 3,841.00 | 204,763.71 | 0.00 | | 3,841.00 | 204,763.71 | 5,159.00 | 275,026.29 | 43% |
| 185 | P-401-8.1 | ASPHALT PAVEMENT | 2000 | TON | 255.50 | 511,000.00 | | | 2,000.00 | 511,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,000.00 | 511,000.00 | 0% |
| 186 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 8500 | SY | 192.81 | 1,638,885.00 | | | 8,500.00 | 1,638,885.00 | 208.02 | 40,107.86 | 0.00 | 0.00 | 100.03 | 19,286.00 | 308.05 | 59,393.86 | 8,191.95 | 1,579,491.14 | 4% |
| 187 | P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | 200 | SY | 543.80 | 108,760.00 | | | 200.00 | 108,760.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 200.00 | 108,760.00 | 0% |
| 188 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 5300 | SF | 3.55 | 18,815.00 | | | 5,300.00 | 18,815.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5,300.00 | 18,815.00 | 0% |
| 189 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 7000 | SF | 2.09 | 14,630.00 | | | 7,000.00 | 14,630.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,000.00 | 14,630.00 | 0% |
| 190 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 3000 | SF | 5.53 | 16,590.00 | | | 3,000.00 | 16,590.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3,000.00 | 16,590.00 | 0% |
| 191 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 4500 | SF | 2.98 | 13,410.00 | | | 4,500.00 | 13,410.00 | 0.00 | 0.00 | 459.00 | 1,367.82 | 0.00 | | 459.00 | 1,367.82 | 4,041.00 | 12,042.18 | 10% |
| 192 | T-904-5.1 | SODDING | 13000 | SY | 4.56 | 59,280.00 | | | 13,000.00 | 59,280.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 13,000.00 | 59,280.00 | 0% |
| 193 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 5 | EA | 3,983.78 | 19,918.90 | | | 5.00 | 19,918.90 | 0.00 | 0.00 | 2.00 | 7,967.56 | 0.00 | | 2.00 | 7,967.56 | 3.00 | 11,951.34 | 40% |
| 194 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 8 | CY | 457.32 | 3,658.56 | | | 8.00 | 3,658.56 | 0.00 | 0.00 | 2.00 | 914.64 | 0.00 | | 2.00 | 914.64 | 6.00 | 2,743.92 | 25% |
| 195 | 425-11 | MODIFY EXISTING DRAINAGE STRUCTURE | 3 | EA | 14,054.76 | 42,164.28 | | | 3.00 | 42,164.28 | 0.00 | 0.00 | 2.00 | 28,109.52 | 0.00 | | 2.00 | 28,109.52 | 1.00 | 14,054.76 | 67% |
| 196 | 430-175-215 | PIPE CULVERT, OTHER SHAPE - ELIP/ARCH, 15" S/CD (ERCP)(CLASS HE-V) | 68 | LF | 150.45 | 10,230.60 | | | 68.00 | 10,230.60 | 23.00 | 3,460.35 | 0.00 | 0.00 | 0.00 | | 23.00 | 3,460.35 | 45.00 | 6,770.25 | 34% |
| 197 | 430-175-218 | PIPE CULVERT, OTHER SHAPE - ELIP/ARCH, 18" S/CD (ERCP)(CLASS HE-V) | 51 | LF | 243.59 | 12,423.09 | | | 51.00 | 12,423.09 | 0.00 | 0.00 | 51.00 | 12,423.09 | 0.00 | | 51.00 | 12,423.09 | 0.00 | 0.00 | 100% |
| 198 | 430-175-124 | PIPE CULVERT, 24" S/CD (RCP)(CLASS V) | 125 | LF | 181.24 | 22,655.00 | | | 125.00 | 22,655.00 | 42.00 | 7,612.08 | 83.00 | 15,042.92 | 0.00 | | 125.00 | 22,655.00 | 0.00 | 0.00 | 100% |
| 199 | 430-175-248 | PIPE CULVERT, OTHER SHAPE - ELIP/ARCH, 48" S/CD (ERCP)(CLASS HE-V) | 354 | LF | 758.89 | 268,647.06 | | | 354.00 | 268,647.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 354.00 | 268,647.06 | 0% |
| 200 | 430-515-203 | STRAIGHT CONCRETE ENDWALLS, 48", DOUBLE, 0 DEGREES, ELLIPTICAL | 1 | EA | 33,037.62 | 33,037.62 | | | 1.00 | 33,037.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 33,037.62 | 0% |
| 201 | D-705-5.1 | PIPE UNDERDRAIN - COMPLETE (PERFORATED AND NON-PERFORATED) | 625 | LF | 34.17 | 21,356.25 | | | 625.00 | 21,356.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 625.00 | 21,356.25 | 0% |
| 202 | D-751-5.2 | INLET BOXES, SPECIAL (AIRCRAFT RATED) | 4 | EA | 36,618.88 | 146,475.52 | | | 4.00 | 146,475.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 146,475.52 | 0% |
| 203 | D-751-5.3 | MANHOLES, SPECIAL LARGE (AIRCRAFT RATED) (STRUCTURE S-23) | 1 | EA | 45,912.17 | 45,912.17 | | | 1.00 | 45,912.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 45,912.17 | 0% |
| 204 | 0430-94-1 | DESILTING AND CCTV PIPE INSPECTION, 0-24" OR EQUIVALENT ELLIPTICAL | 44 | LF | 6.47 | 284.68 | | | 44.00 | 284.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 44.00 | 284.68 | 0% |

| PAY APPLICATION 05 | | | CONTRACTOR: Hubbard Construction Company | | | | | | PERIOD ENDING: 05/31/24 | | | | | | | | | | Project # BP-497 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO. | DESCRIPTION OF WORK | QUANT | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | QUANT | $ AMOUNT | |
| 205 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 960 | LF | 9.28 | 8,908.80 | | | 960.00 | 8,908.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 960.00 | 8,908.80 | 0% |
| 206 | 0524-1-4 | CONCRETE DITCH PAVEMENT, NON REINFORCED, 6" (SHOULDER GUTTER ONLY) | 200 | SY | 126.37 | 25,274.00 | | | 200.00 | 25,274.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 200.00 | 25,274.00 | 0% |
| 207 | 0524-1-49 | CONCRETE DITCH PAVEMENT, 6" REINFORCED | 100 | SY | 86.37 | 8,637.00 | | | 100.00 | 8,637.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 100.00 | 8,637.00 | 0% |
| 208 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 35,447.52 | 35,447.52 | | | 1.00 | 35,447.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 35,447.52 | 0% |
| 209 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 50,639.32 | 50,639.32 | | | 1.00 | 50,639.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 50,639.32 | 0% |
| 210 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 KV STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 130000 | LF | 1.62 | 210,600.00 | | | 130,000.00 | 210,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 130,000.00 | 210,600.00 | 0% |
| 211 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 5000 | LF | 3.04 | 15,200.00 | | | 5,000.00 | 15,200.00 | 0.00 | 0.00 | 342.00 | 1,039.68 | 0.00 | | 342.00 | 1,039.68 | 4,658.00 | 14,160.32 | 7% |
| 212 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 190 | EA | 151.92 | 28,864.80 | | | 190.00 | 28,864.80 | 0.00 | 0.00 | 11.00 | 1,671.12 | 0.00 | | 11.00 | 1,671.12 | 179.00 | 27,193.68 | 6% |
| 213 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 3000 | LF | 20.26 | 60,780.00 | | | 3,000.00 | 60,780.00 | 0.00 | 0.00 | 59.00 | 1,195.34 | 0.00 | | 59.00 | 1,195.34 | 2,941.00 | 59,584.66 | 2% |
| 214 | L-110-3 | 4 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 250 | LF | 91.15 | 22,787.50 | | | 250.00 | 22,787.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 250.00 | 22,787.50 | 0% |
| 215 | L-110-4 | 6 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 1700 | LF | 126.60 | 215,220.00 | | | 1,700.00 | 215,220.00 | 0.00 | 0.00 | 236.00 | 29,877.60 | 0.00 | | 236.00 | 29,877.60 | 1,464.00 | 185,342.40 | 14% |
| 216 | L-110-7 | BASE CAN DRAIN WELL | 4 | EA | 1,620.46 | 6,481.84 | | | 4.00 | 6,481.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 6,481.84 | 0% |
| 217 | L-115-3 | JUNCTION CAN PLAZA - SIX L-867E CANS | 7 | EA | 16,204.58 | 113,432.06 | | | 7.00 | 113,432.06 | 0.00 | 0.00 | 4.00 | 64,818.32 | 0.00 | | 4.00 | 64,818.32 | 3.00 | 48,613.74 | 57% |
| 218 | L-125-3 | L-853 ELEVATED RETROREFLECTIVE MARKER | 4 | EA | 151.92 | 607.68 | | | 4.00 | 607.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 607.68 | 0% |
| 219 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 3 | EA | 8,102.29 | 24,306.87 | | | 3.00 | 24,306.87 | 0.00 | 0.00 | 1.00 | 8,102.29 | 0.00 | | 1.00 | 8,102.29 | 2.00 | 16,204.58 | 33% |
| 220 | L-125-7 | L-858C SIGN - SINGLE FACE, NON-LIGHTED, TAXIWAY END MARKER | 1 | EA | 6,076.72 | 6,076.72 | | | 1.00 | 6,076.72 | 0.00 | 0.00 | 1.00 | 6,076.72 | 0.00 | | 1.00 | 6,076.72 | 0.00 | 0.00 | 100% |
| 221 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 32 | EA | 1,721.74 | 55,095.68 | | | 32.00 | 55,095.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 32.00 | 55,095.68 | 0% |
| 222 | L-125-11 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NE) | 13 | EA | 1,012.79 | 13,166.27 | | | 13.00 | 13,166.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 13.00 | 13,166.27 | 0% |
| 223 | L-125-12 | L-867B, 1/2" GALVANIZED STEEL BLANK COVER (E) | 1 | EA | 607.67 | 607.67 | | | 1.00 | 607.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 607.67 | 0% |
| 224 | L-125-13 | L-867B, 1/2" GALVANIZED STEEL BLANK COVER (NE) | 1 | EA | 202.56 | 202.56 | | | 1.00 | 202.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 202.56 | 0% |
| 225 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 35 | EA | 911.51 | 31,902.85 | | | 35.00 | 31,902.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 35.00 | 31,902.85 | 0% |
| 226 | L-125-17 | L-852D(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (C) | 1 | EA | 253.20 | 253.20 | | | 1.00 | 253.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 253.20 | 0% |
| | | **SUBTOTAL - Add Alternate #03** | | | | **6,080,334.07** | **0.00** | **0.00** | | **6,080,334.07** | **1,228.72** | **248,505.29** | **13,413.96** | **550,347.23** | **100.03** | **19,286.00** | **14,742.71** | **818,138.52** | | **5,262,195.55** | **13%** |
| | | **CHANGE ORDERS** | | | | | | | | | | | | | | | | | | | |
| 1 | | | | LS | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| 2 | | | | LS | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| | | **SUBTOTAL - CHANGE ORDERS** | | | | | | **0.00** | | **0.00** | | **0.00** | | **0.00** | | **0.00** | | **0.00** | | **0.00** | **0%** |
| | | **TOTAL** | | | | **32,179,042.64** | | **0.00** | | **32,179,042.64** | | **4,933,293.85** | | **3,118,601.22** | | **19,286.00** | | **3,071,181.07** | | **24,107,861.57** | **25%** |

# DMP TRACKING

**Pay Application:** **05** **Project: Project # BP-497, Taxiways G & H Rehabilitation - Phase 1**

**Period Ending:** **05/31/24** **Contractor: Hubbard Construction Company**

"C" Initial DMP Advance Amounts
"D" Enter the % billed for work in place "this period".
"E" Enter total of previous credits taken (Column "G" from previous Pay Application).
"F" The Credit Amount is caluclated by C x D x -1. The monthly credit amount will continue until the full amount of the DMP is repaid.
"H" The DMP Balance amount is reflected on the coverpage on line 4d.

Record full DMP paid on Disbursements Sheet when paid.
When tracking on the credits on Disbursements Sheet, you will record the net paid to the subcontractor (Net WIP less DMP credit).

| "A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" |
|---|---|---|---|---|---|---|---|
| **SOV #** | **Sub Name** | **Initial DMP Amt** | **WIP "this Period" % billed** | **Previous DMP Credits** | **Current DMP Credit** | **Total Credits** | **DMP Balance** |
| | Sub 1 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 2 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 3 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 4 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 5 | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | **$ -** | | **$ -** | **$ -** | **$ -** | **$ -** |

The above amount is the value shown on line 8 on the coversheet

**CONTRACTOR: Hubbard Construction Company**

**PAY APPLICATION 05** **PERIOD ENDING: 05/31/24 Project # BP-497**

## STORED MATERIALS WORKSHEET

| | *Note: Amounts entered in Column "B" must also be included in "Stored Materials Put-In-Place " column of Schedule of Values. The comparative unit price quantity must be calculated and entered on the Schedule of Values to ensure the total of Column "B" Stored Materials equals the column "Stored Materials Put-in-Place" of the Schedule of Values. | "A" PREVIOUS APPLICATION TOTAL STORED MATERIALS TO DATE | "B" THIS APPLICATION STORED MATERIALS PUT IN-PLACE* | "C" THIS APPLICATION STORED MATERIALS NEW | "D" TOTAL STORED MATERIALS TO DATE |
|---|---|---|---|---|---|
| S.O.V. Line Item No. | DESCRIPTION OF WORK | PLUS | MINUS | PLUS | EQUALS (D=A-B+C) |
| | | Amount ($) | Amount ($) | Amount ($) | Amount ($) |
| 19 | Reinforcement Material for PCC 17" | 204,838.69 | 0.00 | | 204,838.69 |
| 98 | Reinforcement Material for PCC 17" | 0.00 | 0.00 | | 0.00 |
| 142 | Reinforcement Material for PCC 17" | 0.00 | 0.00 | | 0.00 |
| 185 | Reinforcement Material for PCC 17" | 40,870.68 | 19,286.00 | | 21,584.68 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | **TOTAL - Stored Materials** | $245,709.37 | $19,286.00 | $0.00 | $226,423.37 |

OK

**PAY APPLICATION 05**
**PERIOD ENDING: 05/31/24**

**Project: Project , Taxiways G & H Rehabilitation - Phase 1**
**CONTRACTOR: Hubbard Construction Company**

| FIRM NAME | Amount Paid to Subcontractor/Supplier per Pay Application | | | | | | | | | | | | TOTAL $ AMOUNT PAID TO DATE | % | Contractor's Evaluation of Subcontractor Performance (REQUIRED ON FINAL P.A. ONLY) Ratings: Good / Fair / Poor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PA#1 | PA#2 | PA#3 | PA#4 | PA#5 | PA#6 | PA#7 | PA#8 | PA#9 | PA#10 | PA#11 | PA#12 | | | |
| DBE/MWBE/LDB Subcontractors/Suppliers | | | | | | | | | | | | | | | |
| D&J Lawn Services of Lakeland, LLC (DBE) | | | | | | | | | | | | | - | 0.0% | |
| D&M Conlon, Inc. DAN-KEL Concrete Cutting & Coring (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Patriot Prime, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Rainbow Distributors USA, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Roberts Consulting Services, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Star Trucking & Construction Services, Inc. (DBE) | 9,387.50 | 18,637.50 | | | | | | | | | | | 28,025.00 | 0.4% | |
| Traffic Control Products of Florida, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| A. TOTAL DBE/MWBE/LDB DISBURSEMENTS PER PAY APPLICATION | 9,387.50 | 18,637.50 | - | - | - | - | - | - | - | - | - | - | 28,025.00 | 0.4% | Proposed 17% DBE, 15% DBE each Add Alt. |
| Other Subs/Suppliers (Non-DBE/MWBE/LDB) | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| B. TOTAL OTHER (NON-DBE/MWBE/LDB) DISBURSEMENTS PER PAY APPLICATION | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0% | |
| C. TOTAL SELF-PERFORMED BY PRIME CONTRACTOR PER PAY APPLICATION | 1,372,206.06 | 597,727.04 | 1,421,743.82 | 1,501,962.79 | 2,962,671.16 | - | - | - | - | - | - | - | 7,856,310.87 | 99.6% | |
| TOTAL (A + B + C) = TOTAL PAYMENT TO PRIME CONTRACTOR PER PAY APPLICATION | 1,381,593.56 | 616,364.54 | 1,421,743.82 | 1,501,962.79 | 2,962,671.16 | - | - | - | - | - | - | - | 7,884,335.87 | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DBE/MWBE/LDB Sub/Supplier Participation | 0.7% | 3.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.4% |
| NON-DBE/MWBE/LDB Sub/Supplier Participation | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

| **Project # BP-497** | | Previous PA | This PA | Diff. for this PA |
|---|---|---|---|---|
| CONTRACTOR: Hubbard Construction Company | | | | |
| WORK IN PLACE | | | | |
| WIP Up to 50% | | $ 4,933,293.85 | $ 8,071,181.07 | $ 3,137,887.22 |
| WIP After 50% | | $ - | $ - | $ - |
| Stored Materials | | $ 245,709.37 | $ 226,423.37 | $ (19,286.00) |
| TOTAL WIP | | | | $ 3,118,601.22 |
| RETAINAGE | | | | |
| Retainage Up to 50% | 5% | $ 246,664.69 | $ 403,559.05 | $ 156,894.36 |
| Retainage After 50% | 5% | $ 12,285.47 | $ 11,321.17 | $ (964.30) |
| | | | $ - | $ - |
| TOTAL RETAINAGE | | | | $ 155,930.06 |
| TOTAL DUE | | | | $ 2,962,671.16 |

**PAY APPLICATION 5** | **CONTRACTOR: Hubbard Cnstruction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| | | **Base Bid** | | | | | | | | | | | | | | | | | | | |
| 1 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 418,000.00 | 418,000.00 | | | 1.00 | 418,000.00 | 0.25 | 104,500.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 104,500.00 | 0.75 | 313,500.00 | 25% |
| 2 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 250,000.00 | 250,000.00 | | | 1.00 | 250,000.00 | 0.10 | 25,000.00 | 0.40 | 100,000.00 | 0.00 | | 0.50 | 125,000.00 | 0.50 | 125,000.00 | 50% |
| 3 | C-105-1 | MOBILIZATION | 1 | LS | 1,970,000.00 | 1,970,000.00 | | | 1.00 | 1,970,000.00 | 0.25 | 492,500.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 492,500.00 | 0.75 | 1,477,500.00 | 25% |
| 4 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 3,154,000.00 | 3,154,000.00 | | | 1.00 | 3,154,000.00 | 0.20 | 630,800.00 | 0.30 | 946,200.00 | 0.00 | | 0.50 | 1,577,000.00 | 0.50 | 1,577,000.00 | 50% |
| 5 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 19500 | SY | 60.00 | 1,170,000.00 | | | 19,500.00 | 1,170,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 19,500.00 | 1,170,000.00 | 0% |
| 6 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 29000 | SY | 9.62 | 278,980.00 | | | 29,000.00 | 278,980.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 29,000.00 | 278,980.00 | 0% |
| 7 | P-101-5.3 | ASPHALT FULL STRENGTH TAXIWAY PAVEMENT REMOVAL | 975 | SY | 17.59 | 17,150.25 | | | 975.00 | 17,150.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 975.00 | 17,150.25 | 0% |
| 8 | P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | 70000 | LF | 6.40 | 448,000.00 | | | 70,000.00 | 448,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 70,000.00 | 448,000.00 | 0% |
| 9 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 5300 | LF | 6.75 | 35,775.00 | | | 5,300.00 | 35,775.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5,300.00 | 35,775.00 | 0% |
| 10 | P-101-5.6 | CONCRETE SPALL REPAIR | 140 | SF | 315.00 | 44,100.00 | | | 140.00 | 44,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 140.00 | 44,100.00 | 0% |
| 11 | P-101-5.7 | PROFILE COLD MILLING, 4"± DEPTH | 7750 | SF | 10.97 | 85,017.50 | | | 7,750.00 | 85,017.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,750.00 | 85,017.50 | 0% |
| 12 | P-101-5.8 | DRAINAGE CONCRETE REMOVAL NOT ASSOCIATED WITH THE DEMOLITION OF AN EXISTING STRUCTURE | 250 | SY | 24.83 | 6,207.50 | | | 250.00 | 6,207.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 250.00 | 6,207.50 | 0% |
| 13 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 6750 | CY | 10.01 | 67,567.50 | | | 6,750.00 | 67,567.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 6,750.00 | 67,567.50 | 0% |
| 14 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 3800 | CY | 0.01 | 38.00 | | | 3,800.00 | 38.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3,800.00 | 38.00 | 0% |
| 15 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 24750 | SY | 18.54 | 458,865.00 | | | 24,750.00 | 458,865.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 24,750.00 | 458,865.00 | 0% |
| 16 | P-211.5.2 | LIME ROCK BASE COURSE - 12 INCH DEPTH | 225 | SY | 43.11 | 9,699.75 | | | 225.00 | 9,699.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 225.00 | 9,699.75 | 0% |
| 17 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 15500 | SY | 54.58 | 845,990.00 | | | 15,500.00 | 845,990.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 15,500.00 | 845,990.00 | 0% |
| 18 | P-401-8.1 | ASPHALT PAVEMENT | 7600 | TON | 288.00 | 2,188,800.00 | | | 7,600.00 | 2,188,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,600.00 | 2,188,800.00 | 0% |
| 19 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 14200 | SY | 192.82 | 2,738,044.00 | | | 14,200.00 | 2,738,044.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 14,200.00 | 2,738,044.00 | 0% |
| 20 | P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | 300 | SY | 458.87 | 137,661.00 | | | 300.00 | 137,661.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 300.00 | 137,661.00 | 0% |
| 21 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 42000 | SF | 2.23 | 93,660.00 | | | 42,000.00 | 93,660.00 | 4,309.00 | 9,609.07 | 0.00 | 0.00 | 0.00 | | 4,309.00 | 9,609.07 | 37,691.00 | 84,050.93 | 10% |
| 22 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 50000 | SF | 1.17 | 58,500.00 | | | 50,000.00 | 58,500.00 | 4,669.00 | 5,462.73 | 0.00 | 0.00 | 0.00 | | 4,669.00 | 5,462.73 | 45,331.00 | 53,037.27 | 9% |
| 23 | P-620-5.3 | SURFACE PAINTED HOLD POSITION SIGNS | 2600 | SF | 8.48 | 22,048.00 | | | 2,600.00 | 22,048.00 | 960.00 | 8,140.80 | 0.00 | 0.00 | 0.00 | | 960.00 | 8,140.80 | 1,640.00 | 13,907.20 | 37% |
| 24 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 12000 | SF | 2.85 | 34,200.00 | | | 12,000.00 | 34,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 12,000.00 | 34,200.00 | 0% |
| 25 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 65000 | SF | 2.98 | 193,700.00 | | | 65,000.00 | 193,700.00 | 11,326.00 | 33,751.48 | 4,650.00 | 13,857.00 | 0.00 | | 15,976.00 | 47,608.48 | 49,024.00 | 146,091.52 | 25% |
| 26 | T-904-5.1 | SODDING | 65000 | SY | 4.63 | 300,950.00 | | | 65,000.00 | 300,950.00 | 870.00 | 4,028.10 | 0.00 | 0.00 | 0.00 | | 870.00 | 4,028.10 | 64,130.00 | 296,921.90 | 1% |
| 27 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 17 | EA | 4,012.96 | 68,220.32 | | | 17.00 | 68,220.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 17.00 | 68,220.32 | 0% |
| 28 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 16 | CY | 2,752.53 | 44,040.48 | | | 16.00 | 44,040.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 16.00 | 44,040.48 | 0% |
| 29 | 425-11 | MODIFY EXISTING DRAINAGE STRUCTURE | 1 | EA | 8,360.98 | 8,360.98 | | | 1.00 | 8,360.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 8,360.98 | 0% |
| 30 | 430-175-124 | PIPE CULVERT, 24" S/CD (RCP)(CLASS V) | 226 | LF | 220.70 | 49,878.20 | | | 226.00 | 49,878.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 226.00 | 49,878.20 | 0% |
| 31 | 430-175-130 | PIPE CULVERT, 30" S/CD (RCP)(CLASS V) | 72 | LF | 344.09 | 24,774.48 | | | 72.00 | 24,774.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 72.00 | 24,774.48 | 0% |
| 32 | 430-175-136 | PIPE CULVERT, 36" S/CD (RCP)(CLASS V) | 456 | LF | 315.33 | 143,790.48 | | | 456.00 | 143,790.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 456.00 | 143,790.48 | 0% |
| 33 | 430-536-102 | STRAIGHT CONCRETE ENDWALLS, 36", DOUBLE, 0 DEGREES, ROUND | 2 | EA | 17,077.94 | 34,155.88 | | | 2.00 | 34,155.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 34,155.88 | 0% |
| 34 | D-705-5.1 | PIPE UNDERDRAIN - COMPLETE (PERFORATED AND NON-PERFORATED) | 1400 | LF | 57.71 | 80,794.00 | | | 1,400.00 | 80,794.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,400.00 | 80,794.00 | 0% |
| 35 | D-751-5.1 | MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-7) | 1 | EA | 39,315.36 | 39,315.36 | | | 1.00 | 39,315.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 39,315.36 | 0% |

**PAY APPLICATION 5** | **CONTRACTOR: Hubbard Construction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| 36 | D-751-5.2 | INLET BOXES, SPECIAL (AIRCRAFT RATED) | 8 | EA | 38,029.27 | 304,234.16 | | | 8.00 | 304,234.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 8.00 | 304,234.16 | 0% |
| 37 | D-751-5.4 | JUNCTION BOXES, SPECIAL LARGE (AIRCRAFT RATED) (STRUCTURE S-4) | 1 | EA | 182,503.73 | 182,503.73 | | | 1.00 | 182,503.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 182,503.73 | 0% |
| 38 | 0430-94-1 | DESILTING AND CCTV PIPE INSPECTION, 0-24" OR EQUIVALENT ELLIPTICAL | 22 | LF | 6.44 | 141.68 | | | 22.00 | 141.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 22.00 | 141.68 | 0% |
| 39 | 0430-94-2 | DESILTING AND CCTV PIPE INSPECTION, 25-36" OR EQUIVALENT ELLIPTICAL | 661 | LF | 7.96 | 5,261.56 | | | 661.00 | 5,261.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 661.00 | 5,261.56 | 0% |
| 40 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 3953 | LF | 9.21 | 36,407.13 | | | 3,953.00 | 36,407.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3,953.00 | 36,407.13 | 0% |
| 41 | 0524-1-4 | CONCRETE DITCH PAVEMENT, NON REINFORCED, 6" (SHOULDER GUTTER ONLY) | 400 | SY | 126.37 | 50,548.00 | | | 400.00 | 50,548.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 400.00 | 50,548.00 | 0% |
| 42 | 0524-1-49 | CONCRETE DITCH PAVEMENT, 6" REINFORCED | 170 | SY | 86.37 | 14,682.90 | | | 170.00 | 14,682.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 170.00 | 14,682.90 | 0% |
| 43 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 320,000.00 | 320,000.00 | | | 1.00 | 320,000.00 | 0.25 | 80,000.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 80,000.00 | 0.75 | 240,000.00 | 25% |
| 44 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 90,000.00 | 90,000.00 | | | 1.00 | 90,000.00 | 0.25 | 22,500.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 22,500.00 | 0.75 | 67,500.00 | 25% |
| 45 | SP-105-2 | EXISTING UNFORESEEN OR UNANTICIPATED ITEM REQUIRING DEMOLITION LESS THAN 125 CUBIC FEET IN SIZE | 1 | EA | 405.11 | 405.11 | | | 1.00 | 405.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 405.11 | 0% |
| 46 | SP-105-3 | EXISTING UNFORESEEN OR UNANTICIPATED ITEM REQUIRING DEMOLITION GREATER THAN 125 CUBIC FEET IN SIZE | 1 | EA | 50.64 | 50.64 | | | 1.00 | 50.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 50.64 | 0% |
| 47 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 KV STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 210000 | LF | 1.62 | 340,200.00 | | | 210,000.00 | 340,200.00 | 13,268.00 | 21,494.16 | 0.00 | 0.00 | 0.00 | | 13,268.00 | 21,494.16 | 196,732.00 | 318,705.84 | 6% |
| 48 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 14000 | LF | 3.04 | 42,560.00 | | | 14,000.00 | 42,560.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 14,000.00 | 42,560.00 | 0% |
| 49 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 450 | EA | 131.66 | 59,247.00 | | | 450.00 | 59,247.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 450.00 | 59,247.00 | 0% |
| 50 | L-109-2 | AIRFIELD LIGHTING CONTROL SYSTEM MODIFICATIONS: CONTRACTOR | 1 | LS | 8,102.29 | 8,102.29 | | | 1.00 | 8,102.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 8,102.29 | 0% |
| 51 | L-109-3 | AIRFIELD ELECTRICAL VAULT MODIFICATIONS | 1 | LS | 80,000.00 | 80,000.00 | | | 1.00 | 80,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 80,000.00 | 0% |
| 52 | L-109-4 | SHORT CIRCUIT/COORDINATION/DEVICE EVALUATION/ARC FLASH ANALYSIS | 1 | LS | 7,595.90 | 7,595.90 | | | 1.00 | 7,595.90 | 1.00 | 7,595.90 | 0.00 | 0.00 | 0.00 | | 1.00 | 7,595.90 | 0.00 | 0.00 | 100% |
| 53 | L-109-5 | 4 KW L-829 CONSTANT CURRENT REGULATOR - 3 STEP - 480V | 1 | EA | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 20,255.73 | 0% |
| 54 | L-109-6 | 7.5 KW L-829 CONSTANT CURRENT REGULATOR - 3 STEP - 480V | 2 | EA | 25,319.66 | 50,639.32 | | | 2.00 | 50,639.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 50,639.32 | 0% |
| 55 | L-109-7 | 7.5 KW L-829 CONSTANT CURRENT REGULATOR - 5 STEP - 480V | 4 | EA | 25,319.66 | 101,278.64 | | | 4.00 | 101,278.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 101,278.64 | 0% |
| 56 | L-109-8 | 30 KW L-829 CONSTANT CURRENT REGULATOR - 5 STEP - 480V | 1 | EA | 40,511.46 | 40,511.46 | | | 1.00 | 40,511.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 40,511.46 | 0% |
| 57 | L-109-10 | RFID FIXTURE ASSOCIATION AND DATABASE: CONTRACTOR | 1 | LS | 2,025.57 | 2,025.57 | | | 1.00 | 2,025.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 2,025.57 | 0% |
| 58 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 11000 | LF | 20.26 | 222,860.00 | | | 11,000.00 | 222,860.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 11,000.00 | 222,860.00 | 0% |
| 59 | L-110-2 | 2 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 600 | LF | 50.64 | 30,384.00 | | | 600.00 | 30,384.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 600.00 | 30,384.00 | 0% |
| 60 | L-110-3 | 4 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 1200 | LF | 91.15 | 109,380.00 | | | 1,200.00 | 109,380.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,200.00 | 109,380.00 | 0% |
| 61 | L-110-4 | 6 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 800 | LF | 126.60 | 101,280.00 | | | 800.00 | 101,280.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 800.00 | 101,280.00 | 0% |
| 62 | L-110-6 | 1 WAY 4" SPLIT DUCT | 50 | LF | 40.51 | 2,025.50 | | | 50.00 | 2,025.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 50.00 | 2,025.50 | 0% |
| 63 | L-110-7 | BASE CAN DRAIN WELL | 10 | EA | 1,620.46 | 16,204.60 | | | 10.00 | 16,204.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 10.00 | 16,204.60 | 0% |
| 64 | L-115-1 | JUNCTION CAN PLAZA - TWO L-867E CANS | 3 | EA | 6,076.72 | 18,230.16 | | | 3.00 | 18,230.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3.00 | 18,230.16 | 0% |
| 65 | L-115-2 | JUNCTION CAN PLAZA - FOUR L-867E CANS | 3 | EA | 12,153.44 | 36,460.32 | | | 3.00 | 36,460.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3.00 | 36,460.32 | 0% |
| 66 | L-115-3 | JUNCTION CAN PLAZA - SIX L-867E CANS | 3 | EA | 16,204.58 | 48,613.74 | | | 3.00 | 48,613.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3.00 | 48,613.74 | 0% |
| 67 | L-125-1 | L-852C(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (NE) | 223 | EA | 1,924.29 | 429,116.67 | | | 223.00 | 429,116.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 223.00 | 429,116.67 | 0% |
| 68 | L-125-2 | L-852D(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (NE) | 461 | EA | 2,025.57 | 933,787.77 | | | 461.00 | 933,787.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 461.00 | 933,787.77 | 0% |
| 69 | L-125-3 | L-853 ELEVATED RETROREFLECTIVE MARKER | 16 | EA | 151.92 | 2,430.72 | | | 16.00 | 2,430.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 16.00 | 2,430.72 | 0% |

| PAY APPLICATION 5 | | | CONTRACTOR: Hubbard Construction Company | | | | | | PERIOD ENDING: 05/31/24 | | | | | | | | | | Project # BP-497 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Nat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| 70 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 18 | EA | 8,102.29 | 145,841.22 | | | 18.00 | 145,841.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 18.00 | 145,841.22 | 0% |
| 71 | L-125-5 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE INSTALLED ON AN EXISTING SIGN PAD | 1 | EA | 5,063.93 | 5,063.93 | | | 1.00 | 5,063.93 | 0.00 | 0.00 | 1.00 | 5,063.93 | 0.00 | | 1.00 | 5,063.93 | 0.00 | 0.00 | 100% |
| 72 | L-125-6 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 4 MODULE | 2 | EA | 11,140.65 | 22,281.30 | | | 2.00 | 22,281.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 22,281.30 | 0% |
| 73 | L-125-7 | L-858C SIGN - SINGLE FACE, NON-LIGHTED, TAXIWAY END MARKER | 5 | EA | 6,076.72 | 30,383.60 | | | 5.00 | 30,383.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5.00 | 30,383.60 | 0% |
| 74 | L-125-9 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (E) | 9 | EA | 1,012.79 | 9,115.11 | | | 9.00 | 9,115.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 9.00 | 9,115.11 | 0% |
| 75 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 88 | EA | 1,721.74 | 151,513.12 | | | 88.00 | 151,513.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 88.00 | 151,513.12 | 0% |
| 76 | L-125-11 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NE) | 2 | EA | 1,012.79 | 2,025.58 | | | 2.00 | 2,025.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 2,025.58 | 0% |
| 77 | L-125-13 | L-867B, 1/2" GALVANIZED STEEL BLANK COVER (NE) | 2 | EA | 202.56 | 405.12 | | | 2.00 | 405.12 | 2.00 | 405.12 | 0.00 | 0.00 | 0.00 | | 2.00 | 405.12 | 0.00 | 0.00 | 100% |
| 78 | L-125-14 | L-868B, 3/4" GALVANIZED STEEL BLANK COVER (NE) | 96 | EA | 243.07 | 23,334.72 | | | 96.00 | 23,334.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 96.00 | 23,334.72 | 0% |
| 79 | L-125-15 | REMOVE AND REPLACE P-605 SEALANT AROUND L-868B BASE CAN | 780 | EA | 50.64 | 39,499.20 | | | 780.00 | 39,499.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 780.00 | 39,499.20 | 0% |
| 80 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 69 | EA | 911.51 | 62,894.19 | | | 69.00 | 62,894.19 | 6.00 | 5,469.06 | 0.00 | 0.00 | 0.00 | | 6.00 | 5,469.06 | 63.00 | 57,425.13 | 9% |
| 81 | L-125-17 | L-852D(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (C) | 1 | EA | 2,531.97 | 2,531.97 | | | 1.00 | 2,531.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 2,531.97 | 0% |
| 82 | **L-109-1** | **AIRFIELD LIGHTING CONTROL SYSTEM MODIFICATIONS: VENDOR** | **1** | **AL** | **65,000.00** | **65,000.00** | | | **1.00** | **65,000.00** | **0.00** | **0.00** | 0.00 | **0.00** | **0.00** | | **0.00** | **0.00** | **1.00** | **65,000.00** | **0%** |
| 83 | **L-109-9** | **RFID FIXTURE ASSOCIATION AND DATABASE: VENDOR** | **1** | **AL** | **10,000.00** | **10,000.00** | | | **1.00** | **10,000.00** | **0.00** | **0.00** | 0.00 | **0.00** | **0.00** | | **0.00** | **0.00** | **1.00** | **10,000.00** | **0%** |
| | | **SUBTOTAL - Base Bid** | | | | **19,797,597.04** | | | | **19,797,597.04** | | **1,451,256.42** | | **1,065,120.93** | | **0.00** | | **2,516,377.35** | | **17,281,219.69** | **13%** |
| | | **Additive Alternate 1** | | | | | | | | | | | | | | | | | | | |
| 84 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 16,300.00 | 16,300.00 | | | 1.00 | 16,300.00 | 0.50 | 8,150.00 | 0.20 | 3,260.00 | 0.00 | | 0.70 | 11,410.00 | 0.30 | 4,890.00 | 70% |
| 85 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 30,000.00 | 30,000.00 | | | 1.00 | 30,000.00 | 0.75 | 22,500.00 | 0.05 | 1,500.00 | 0.00 | | 0.80 | 24,000.00 | 0.20 | 6,000.00 | 80% |
| 86 | C-105-1 | MOBILIZATION | 1 | LS | 340,000.00 | 340,000.00 | | | 1.00 | 340,000.00 | 0.50 | 170,000.00 | 0.40 | 136,000.00 | 0.00 | | 0.90 | 306,000.00 | 0.10 | 34,000.00 | 90% |
| 87 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 346,000.00 | 346,000.00 | | | 1.00 | 346,000.00 | 0.75 | 259,500.00 | 0.05 | 17,300.00 | 0.00 | | 0.80 | 276,800.00 | 0.20 | 69,200.00 | 80% |
| 88 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 850 | SY | 165.00 | 140,250.00 | | | 850.00 | 140,250.00 | 671.00 | 110,715.00 | 179.00 | 29,535.00 | 0.00 | | 850.00 | 140,250.00 | 0.00 | 0.00 | 100% |
| 89 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 6900 | SY | 9.92 | 68,448.00 | | | 6,900.00 | 68,448.00 | 3,602.00 | 35,731.84 | 3,298.00 | 32,716.16 | 0.00 | 0.00 | 6,900.00 | 68,448.00 | 0.00 | 0.00 | 100% |
| 90 | P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | 22000 | LF | 6.40 | 140,800.00 | | | 22,000.00 | 140,800.00 | 7,903.00 | 50,579.20 | 0.00 | 0.00 | 0.00 | | 7,903.00 | 50,579.20 | 14,097.00 | 90,220.80 | 36% |
| 91 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 1400 | LF | 6.75 | 9,450.00 | | | 1,400.00 | 9,450.00 | 803.00 | 5,420.25 | 0.00 | 0.00 | 0.00 | | 803.00 | 5,420.25 | 597.00 | 4,029.75 | 57% |
| 92 | P-101-5.6 | CONCRETE SPALL REPAIR | 100 | SF | 315.00 | 31,500.00 | | | 100.00 | 31,500.00 | 11.68 | 3,679.20 | 18.30 | 5,764.50 | 0.00 | | 29.98 | 9,443.70 | 70.02 | 22,056.30 | 30% |
| 93 | P-101-5.7 | PROFILE COLD MILLING, 4"± DEPTH | 5000 | SY | 12.08 | 60,400.00 | | | 5,000.00 | 60,400.00 | 4,776.44 | 57,699.40 | 0.00 | 0.00 | 0.00 | | 4,776.44 | 57,699.40 | 223.56 | 2,700.60 | 96% |
| 94 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 1900 | CY | 10.03 | 19,057.00 | | | 1,900.00 | 19,057.00 | 0.00 | 0.00 | 416.80 | 4,180.50 | 0.00 | | 416.80 | 4,180.50 | 1,483.20 | 14,876.50 | 22% |
| 95 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 2300 | CY | 0.01 | 23.00 | | | 2,300.00 | 23.00 | 0.00 | 0.00 | 416.80 | 4.17 | 0.00 | | 416.80 | 4.17 | 1,883.20 | 18.83 | 18% |
| 96 | P-211-5.1 | LIME ROCK BASE CCURSE - 6 INCH DEPTH | 5250 | SY | 19.68 | 103,320.00 | | | 5,250.00 | 103,320.00 | 2,618.00 | 51,522.24 | 0.00 | 0.00 | 0.00 | | 2,618.00 | 51,522.24 | 2,632.00 | 51,797.76 | 50% |
| 97 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 3750 | SY | 55.11 | 206,662.50 | | | 3,750.00 | 206,662.50 | 1,907.00 | 105,094.77 | 1,709.00 | 94,182.99 | 0.00 | | 3,616.00 | 199,277.76 | 134.00 | 7,384.74 | 96% |
| 98 | P-401-8.1 | ASPHALT PAVEMENT | 2350 | TON | 268.20 | 630,270.00 | | | 2,350.00 | 630,270.00 | 1,401.00 | 375,748.20 | 0.00 | 0.00 | 0.00 | | 1,401.00 | 375,748.20 | 949.00 | 254,521.80 | 60% |
| 99 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 3500 | SY | 192.89 | 675,115.00 | | | 3,500.00 | 675,115.00 | 1,737.00 | 335,049.93 47 | 1,636.10 | 315,587.33 | 0.00 | 0.00 | 3,373.10 | ~~650,637.26~~ 650,636.80 | 126.90 | 24,477.74 | 96% |
| 100 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 5200 | SF | 3.59 | 18,668.00 | | | 5,200.00 | 18,668.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5,200.00 | 18,668.00 | 0% |
| 101 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 8500 | SF | 1.78 | 15,130.00 | | | 8,500.00 | 15,130.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 8,500.00 | 15,130.00 | 0% |
| 102 | P-620-5.3 | SURFACE PAINTED HOLD POSITION SIGNS | 1000 | SF | 8.98 | 8,980.00 | | | 1,000.00 | 8,980.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,000.00 | 8,980.00 | 0% |
| 103 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 2000 | SF | 2.20 | 4,400.00 | | | 2,000.00 | 4,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,000.00 | 4,400.00 | 0% |
| 104 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 10500 | SF | 2.98 | 31,290.00 | | | 10,500.00 | 31,290.00 | 4,325.00 | 12,888.50 | 1,946.00 | 5,799.08 | 0.00 | | 6,271.00 | 18,687.58 | 4,229.00 | 12,602.42 | 60% |

**PAY APPLICATION 5** | **CONTRACTOR: Hubbard Construction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COMPLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| 105 | T-904-5.1 | SODDING | 17000 | SY | 4.64 | 78,880.00 | | | 17,000.00 | 78,880.00 | 13,285.00 | 61,642.40 | 0.00 | 0.00 | 0.00 | | 13,285.00 | 61,642.40 | 3,715.00 | 17,237.60 | 78% |
| 106 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 2 | EA | 4,453.07 | 8,906.14 | | | 2.00 | 8,906.14 | 2.00 | 8,906.14 | 0.00 | 0.00 | 0.00 | | 2.00 | 8,906.14 | 0.00 | 0.00 | 100% |
| 107 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 8 | CY | 3,190.84 | 25,526.72 | | | 8.00 | 25,526.72 | 8.00 | 25,526.72 | 0.00 | 0.00 | 0.00 | | 8.00 | 25,526.72 | 0.00 | 0.00 | 100% |
| 108 | 425-2-71 | MANHOLES/JUNCTION BOXES, J-7, <10' | 1 | EA | 46,934.57 | 46,934.57 | | | 1.00 | 46,934.57 | 1.00 | 46,934.57 | 0.00 | 0.00 | 0.00 | | 1.00 | 46,934.57 | 0.00 | 0.00 | 100% |
| 109 | 430-175-142 | PIPE CULVERT, 42" S/CD (RCP)(CLASS V) | 30 | LF | 537.15 | 16,114.50 | | | 30.00 | 16,114.50 | 30.00 | 16,114.50 | 0.00 | 0.00 | 0.00 | | 30.00 | 16,114.50 | 0.00 | 0.00 | 100% |
| 110 | 430-175-148 | PIPE CULVERT, 48" S/CD (RCP)(CLASS V) | 208 | LF | 510.32 | 106,146.56 | | | 208.00 | 106,146.56 | 208.00 | 106,146.56 | 0.00 | 0.00 | 0.00 | | 208.00 | 106,146.56 | 0.00 | 0.00 | 100% |
| 111 | 430-538-102 | STRAIGHT CONCRETE ENDWALLS, 48", DOUBLE, 0 DEGREES, ROUND | 1 | EA | 30,494.81 | 30,494.81 | | | 1.00 | 30,494.81 | 1.00 | 30,494.81 | 0.00 | 0.00 | 0.00 | | 1.00 | 30,494.81 | 0.00 | 0.00 | 100% |
| 112 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 890 | LF | 9.22 | 8,205.80 | | | 890.00 | 8,205.80 | 0.00 | 0.00 | 480.00 | 4,425.60 | 0.00 | | 480.00 | 4,425.60 | 410.00 | 3,780.20 | 54% |
| 113 | 0524-1-49 | CONCRETE DITCH PAVEMENT, 6" REINFORCED | 100 | SY | 86.37 | 8,637.00 | | | 100.00 | 8,637.00 | 73.00 | 6,305.01 | 0.00 | 0.00 | 0.00 | | 73.00 | 6,305.01 | 27.00 | 2,331.99 | 73% |
| 114 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 0.50 | 10,127.87 | 0.00 | 0.00 | 0.00 | | 0.50 | 10,127.87 | 0.50 | 10,127.86 | 50% |
| 115 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 10,127.86 | 10,127.86 | | | 1.00 | 10,127.86 | 1.00 | 10,127.86 | 0.00 | 0.00 | 0.00 | | 1.00 | 10,127.86 | 0.00 | 0.00 | 100% |
| 116 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 KV STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 8,000 | LF | 1.62 | 12,960.00 | | | 8,000.00 | 12,960.00 | 4,142.00 | 6,710.04 | 0.00 | 0.00 | 0.00 | | 4,142.00 | 6,710.04 | 3,858.00 | 6,249.96 | 0.52 |
| 117 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 1400 | LF | 3.04 | 4,256.00 | | | 1,400.00 | 4,256.00 | 631.00 | 1,918.24 | 86.00 | 261.44 | 0.00 | | 717.00 | 2,179.68 | 683.00 | 2,076.32 | 51% |
| 118 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 100 | EA | 151.92 | 15,192.00 | | | 100.00 | 15,192.00 | 19.00 | 2,886.48 | 0.00 | 0.00 | 0.00 | | 19.00 | 2,886.48 | 81.00 | 12,305.52 | 19% |
| 119 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 1200 | LF | 20.26 | 24,312.00 | | | 1,200.00 | 24,312.00 | 651.00 | 13,189.26 | 0.00 | 0.00 | 0.00 | | 651.00 | 13,189.26 | 549.00 | 11,122.74 | 54% |
| 120 | L-110-3 | 4 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 120 | LF | 91.15 | 10,938.00 | | | 120.00 | 10,938.00 | 43.00 | 3,919.45 | 0.00 | 0.00 | 0.00 | | 43.00 | 3,919.45 | 77.00 | 7,018.55 | 36% |
| 121 | L-110-7 | BASE CAN DRAIN WELL | 2 | EA | 1,620.46 | 3,240.92 | | | 2.00 | 3,240.92 | 1.00 | 1,620.46 | 0.00 | 0.00 | 0.00 | | 1.00 | 1,620.46 | 1.00 | 1,620.46 | 50% |
| 122 | L-115-2 | JUNCTION CAN PLAZA - FOUR L-867E CANS | 1 | EA | 12,153.44 | 12,153.44 | | | 1.00 | 12,153.44 | 1.00 | 12,153.44 | 0.00 | 0.00 | 0.00 | | 1.00 | 12,153.44 | 0.00 | 0.00 | 100% |
| 123 | L-125-3 | L-853 ELEVATED RETROREFLECTIVE MARKER | 8 | EA | 151.92 | 1,215.36 | | | 8.00 | 1,215.36 | 4.00 | 607.68 | 0.00 | 0.00 | 0.00 | | 4.00 | 607.68 | 4.00 | 607.68 | 50% |
| 124 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 2 | EA | 8,102.29 | 16,204.58 | | | 2.00 | 16,204.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2.00 | 16,204.58 | 0% |
| 125 | L-125-8 | EXISTING SIGN INSTALLED ON NEW CONCRETE SIGN PAD | 3 | EA | 4,051.15 | 12,153.45 | | | 3.00 | 12,153.45 | 3.00 | 12,153.45 | 0.00 | 0.00 | 0.00 | | 3.00 | 12,153.45 | 0.00 | 0.00 | 100% |
| 126 | L-125-9 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (E) | 17 | EA | 1,012.79 | 17,217.43 | | | 17.00 | 17,217.43 | 0.00 | 0.00 | 17.00 | 17,217.43 | 0.00 | | 17.00 | 17,217.43 | 0.00 | 0.00 | 100% |
| 127 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 11 | EA | 1,721.74 | 18,939.14 | | | 11.00 | 18,939.14 | 8.00 | 13,773.92 | 0.00 | 0.00 | 0.00 | | 8.00 | 13,773.92 | 3.00 | 5,165.22 | 73% |
| 128 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 4 | EA | 911.51 | 3,646.04 | | | 4.00 | 3,646.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 3,646.04 | 0% |
| | | **SUBTOTAL - Add Alternate #01** | | | | **3,408,721.55** | **0.00** | **0.00** | | **3,408,721.55** | **2.00** | **1,995,537.39** 92 | **1.00** | **667,734.20** | **0.00** | **0.00** | **3.00** | **2,663,271.59** .12 | | ~~745,449.96~~ 745,450.04 | **78%** |
| | | **Additive Alternate 2** | | | | | | | | | | | | | | | | | | | |
| 129 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 10,900.00 | 10,900.00 | | | 1.00 | 10,900.00 | 0.25 | 2,725.00 | 0.20 | 2,180.00 | 0.00 | | 0.45 | 4,905.00 | 0.55 | 5,995.00 | 45% |
| 130 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 20,000.00 | 20,000.00 | | | 1.00 | 20,000.00 | 0.50 | 10,000.00 | 0.25 | 5,000.00 | 0.00 | | 0.75 | 15,000.00 | 0.25 | 5,000.00 | 75% |
| 131 | C-105-1 | MOBILIZATION | 1 | LS | 260,000.00 | 260,000.00 | | | 1.00 | 260,000.00 | 0.25 | 65,000.00 | 0.25 | 65,000.00 | 0.00 | | 0.50 | 130,000.00 | 0.50 | 130,000.00 | 50% |
| 132 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 309,000.00 | 309,000.00 | | | 1.00 | 309,000.00 | 0.50 | 154,500.00 | 0.25 | 77,250.00 | 0.00 | | 0.75 | 231,750.00 | 0.25 | 77,250.00 | 75% |
| 133 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 1600 | SY | 86.00 | 137,600.00 | | | 1,600.00 | 137,600.00 | 493.00 | 42,398.00 | 1,000.00 | 86,000.00 | 0.00 | | 1,493.00 | 128,398.00 | 107.00 | 9,202.00 | 93% |
| 134 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 4500 | SY | 11.28 | 50,760.00 | | | 4,500.00 | 50,760.00 | 2,326.00 | 26,237.28 | 2,112.00 | 23,823.36 | 0.00 | | 4,438.00 | 50,060.64 | 62.00 | 699.36 | 99% |
| 135 | P-101-5.4 | CLEANING AND SEALING CONCRETE TO CONCRETE JOINTS | 22000 | LF | 6.40 | 140,800.00 | | | 22,000.00 | 140,800.00 | 12,625.00 | 80,800.00 | 0.00 | 0.00 | 0.00 | | 12,625.00 | 80,800.00 | 9,375.00 | 60,000.00 | 57% |
| 136 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 1100 | LF | 7.80 | 8,580.00 | | | 1,100.00 | 8,580.00 | 682.00 | 5,319.60 | 0.00 | 0.00 | 0.00 | | 682.00 | 5,319.60 | 418.00 | 3,260.40 | 62% |
| 137 | P-101-5.6 | CONCRETE SPALL REPAIR | 50 | SF | 315.00 | 15,750.00 | | | 50.00 | 15,750.00 | 14.46 | 4,554.90 | 33.24 | 10,470.60 | 0.00 | | 47.70 | 15,025.50 | 2.30 | 724.50 | 95% |
| 138 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 700 | CY | 10.09 | 7,063.00 | | | 700.00 | 7,063.00 | 0.00 | 0.00 | 343.90 | 3,469.95 | 0.00 | | 343.90 | 3,469.95 | 356.10 | 3,593.05 | 49% |

**PAY APPLICATION 5** | **CONTRACTOR: Hubbard Construction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| 139 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 800 | CY | 0.01 | 8.00 | | | 800.00 | 8.00 | 0.00 | 0.00 | 343.90 | 3.44 | 0.00 | | 343.90 | 3.44 | 456.10 | 4.56 | 43% |
| 140 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 3500 | SY | 19.72 | 69,020.00 | | | 3,500.00 | 69,020.00 | 1,612.00 | 31,788.64 | 0.00 | 0.00 | 0.00 | | 1,612.00 | 31,788.64 | 1,888.00 | 37,231.36 | 46% |
| 141 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 4500 | SY | 55.17 | 248,265.00 | | | 4,500.00 | 248,265.00 | 2,224.00 | 122,698.08 | 2,194.00 | 121,042.98 | 0.00 | | 4,418.00 | 243,741.06 | 82.00 | 4,523.94 | 98% |
| 142 | P-401-8.1 | ASPHALT PAVEMENT | 800 | TON | 232.35 | 185,880.00 | | | 800.00 | 185,880.00 | 373.00 | 86,666.55 | 0.00 | 0.00 | 0.00 | | 373.00 | 86,666.55 | 427.00 | 99,213.45 | 47% |
| 143 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 4250 | SY | 192.86 | 819,655.00 | | | 4,250.00 | 819,655.00 | 2,232.00 | ~~438,463.52~~ 382,962.09 | 1,525.12 | 294,134.64 | 0.00 | 0.00 | 3,757.12 | ~~724,698.16~~ 684,096.73 | 492.88 | 95,056.84 | 88% |
| 144 | P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | 35 | SY | 853.77 | 29,881.95 | | | 35.00 | 29,881.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 35.00 | 29,881.95 | 0% |
| 145 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 1800 | SF | 3.52 | 6,336.00 | | | 1,800.00 | 6,336.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,800.00 | 6,336.00 | 0% |
| 146 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 2400 | SF | 2.05 | 4,920.00 | | | 2,400.00 | 4,920.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,400.00 | 4,920.00 | 0% |
| 147 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 1200 | SF | 3.54 | 4,248.00 | | | 1,200.00 | 4,248.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1,200.00 | 4,248.00 | 0% |
| 148 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 1200 | SF | 2.98 | 3,576.00 | | | 1,200.00 | 3,576.00 | 751.00 | 2,237.98 | 449.00 | 1,338.02 | 0.00 | | 1,200.00 | 3,576.00 | 0.00 | 0.00 | 100% |
| 149 | T-904-5.1 | SODDING | 2600 | SY | 5.35 | 13,910.00 | | | 2,600.00 | 13,910.00 | 1,725.00 | 9,228.75 | 0.00 | 0.00 | 0.00 | | 1,725.00 | 9,228.75 | 875.00 | 4,681.25 | 66% |
| 150 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 2 | EA | 5,215.68 | 10,431.36 | | | 2.00 | 10,431.36 | 1.00 | 5,215.68 | 1.00 | 5,215.68 | 0.00 | | 2.00 | 10,431.36 | 0.00 | 0.00 | 100% |
| 151 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 8 | CY | 1,641.92 | 13,135.36 | | | 8.00 | 13,135.36 | 0.00 | 0.00 | 4.00 | 6,567.68 | 0.00 | | 4.00 | 6,567.68 | 4.00 | 6,567.68 | 50% |
| 152 | 430-175-148 | PIPE CULVERT, 48" S/CD (RCP)(CLASS V) | 242 | LF | 495.28 | 119,857.76 | | | 242.00 | 119,857.76 | 81.00 | 40,117.68 | 161.00 | 79,740.08 | 0.00 | | 242.00 | 119,857.76 | 0.00 | (0.00) | 100% |
| 153 | D-751-5.1 | MANHOLES/JUNCTION BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-14) | 1 | EA | 39,332.19 | 39,332.19 | | | 1.00 | 39,332.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 39,332.19 | 0% |
| 154 | D-751-5.2 | INLET BOXES, SPECIAL (AIRCRAFT RATED) (STRUCTURE S-15) | 1 | EA | 41,143.13 | 41,143.13 | | | 1.00 | 41,143.13 | 0.00 | 0.00 | 1.00 | 41,143.13 | 0.00 | | 1.00 | 41,143.13 | 0.00 | 0.00 | 100% |
| 155 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 485 | LF | 9.21 | 4,466.85 | | | 485.00 | 4,466.85 | 0.00 | 0.00 | 286.00 | 2,634.06 | 0.00 | | 286.00 | 2,634.06 | 199.00 | 1,832.79 | 59% |
| 156 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 0.50 | 10,127.87 | 0.00 | 0.00 | 0.00 | | 0.50 | 10,127.87 | 0.50 | 10,127.86 | 50% |
| 157 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 15,191.80 | 15,191.80 | | | 1.00 | 15,191.80 | 0.90 | 13,672.62 | 0.00 | 0.00 | 0.00 | | 0.90 | 13,672.62 | 0.10 | 1,519.18 | 90% |
| 158 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 KV STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 16000 | LF | 1.62 | 25,920.00 | | | 16,000.00 | 25,920.00 | 8,430.00 | 13,656.60 | 0.00 | 0.00 | 0.00 | | 8,430.00 | 13,656.60 | 7,570.00 | 12,263.40 | 53% |
| 159 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 2700 | LF | 3.04 | 8,208.00 | | | 2,700.00 | 8,208.00 | 888.00 | 2,699.52 | 68.00 | 206.72 | 0.00 | | 956.00 | 2,906.24 | 1,744.00 | 5,301.76 | 35% |
| 160 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 140 | EA | 151.92 | 21,268.80 | | | 140.00 | 21,268.80 | 58.00 | 8,811.36 | 5.00 | 759.60 | 0.00 | | 63.00 | 9,570.96 | 77.00 | 11,697.84 | 45% |
| 161 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 2200 | LF | 20.26 | 44,572.00 | | | 2,200.00 | 44,572.00 | 812.00 | 16,451.12 | 0.00 | 0.00 | 0.00 | | 812.00 | 16,451.12 | 1,388.00 | 28,120.88 | 37% |
| 162 | L-110-2 | 2 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 150 | LF | 50.64 | 7,596.00 | | | 150.00 | 7,596.00 | 57.00 | 2,886.48 | 6.00 | 303.84 | 0.00 | | 63.00 | 3,190.32 | 87.00 | 4,405.68 | 42% |
| 163 | L-110-4 | 6 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 90 | LF | 126.60 | 11,394.00 | | | 90.00 | 11,394.00 | 60.00 | 7,596.00 | 0.00 | 0.00 | 0.00 | | 60.00 | 7,596.00 | 30.00 | 3,798.00 | 67% |
| 164 | L-110-5 | 8 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 110 | LF | 151.92 | 16,711.20 | | | 110.00 | 16,711.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 110.00 | 16,711.20 | 0% |
| 165 | L-110-7 | BASE CAN DRAIN WELL | 2 | EA | 1,620.46 | 3,240.92 | | | 2.00 | 3,240.92 | 2.00 | 3,240.92 | 0.00 | 0.00 | 0.00 | | 2.00 | 3,240.92 | 0.00 | 0.00 | 100% |
| 166 | L-115-1 | JUNCTION CAN PLAZA - TWO L-867E CANS | 1 | EA | 6,076.72 | 6,076.72 | | | 1.00 | 6,076.72 | 1.00 | 6,076.72 | 0.00 | 0.00 | 0.00 | | 1.00 | 6,076.72 | 0.00 | 0.00 | 100% |
| 167 | L-115-4 | JUNCTION CAN PLAZA - EIGHT L-867E CANS | 1 | EA | 20,255.73 | 20,255.73 | | | 1.00 | 20,255.73 | 1.00 | 20,255.73 | 0.00 | 0.00 | 0.00 | | 1.00 | 20,255.73 | 0.00 | 0.00 | 100% |
| 168 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 8 | EA | 8,102.29 | 64,818.32 | | | 8.00 | 64,818.32 | 3.00 | 24,306.87 | 1.00 | 8,102.29 | 0.00 | | 4.00 | 32,409.16 | 4.00 | 32,409.16 | 50% |
| 169 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 25 | EA | 1,721.74 | 43,043.50 | | | 25.00 | 43,043.50 | 14.00 | 24,104.36 | 0.00 | 0.00 | 0.00 | | 14.00 | 24,104.36 | 11.00 | 18,939.14 | 56% |
| 170 | L-125-11 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NE) | 2 | EA | 1,012.79 | 2,025.58 | | | 2.00 | 2,025.58 | 1.00 | 1,012.79 | 1.00 | 1,012.79 | 0.00 | | 2.00 | 2,025.58 | 0.00 | 0.00 | 100% |
| 171 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 8 | EA | 911.51 | 7,292.08 | | | 8.00 | 7,292.08 | 4.00 | 3,646.04 | 0.00 | 0.00 | 0.00 | | 4.00 | 3,646.04 | 4.00 | 3,646.04 | 50% |
| | | **SUBTOTAL - Add Alternate #02** | | | | **2,892,389.98** | **0.00** | **0.00** | | **2,892,389.98** | **5,566.50** | ~~**3,278,496.66**~~ **4,237,995.22** | | **835,398.86** | **0.00** | **0.00** | **5,652.50** | ~~**4,113,895.52**~~ **2,073,394.08** | | ~~**778,494.46**~~ **818,995.90** | **73%** |
| | | **Additive Alternate 3** | | | | | | | | | | | | | | | | | | | |
| 172 | C-100-1 | CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) | 1 | LS | 10,900.00 | 10,900.00 | | | 1.00 | 10,900.00 | 0.25 | 2,725.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 2,725.00 | 0.75 | 8,175.00 | 25% |

**PAY APPLICATION 5** | **CONTRACTOR: Hubbard Construction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S | | THIS APPLICATION | | | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | TOTAL *WORK* COMPLETED PREVIOUSLY | | *WORK* COMPLETED THIS PERIOD | | STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | | | | | |
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| 173 | C-102-1 | TEMPORARY EROSION AND POLLUTION CONTROL | 1 | LS | 27,000.00 | 27,000.00 | | | 1.00 | 27,000.00 | 0.10 | 2,700.00 | 0.00 | 0.00 | 0.00 | | 0.10 | 2,700.00 | 0.90 | 24,300.00 | 10% |
| 174 | C-105-1 | MOBILIZATION | 1 | LS | 600,000.00 | 600,000.00 | | | 1.00 | 600,000.00 | 0.25 | 150,000.00 | 0.00 | 0.00 | 0.00 | | 0.25 | 150,000.00 | 0.75 | 450,000.00 | 25% |
| 175 | C-106-1 | SAFETY, SECURITY, AND MAINTENANCE OF TRAFFIC | 1 | LS | 419,000.00 | 419,000.00 | | | 1.00 | 419,000.00 | 0.10 | 41,900.00 | 0.00 | 0.00 | 0.00 | | 0.10 | 41,900.00 | 0.90 | 377,100.00 | 10% |
| 176 | P-101-5.1 | CONCRETE PAVEMENT REMOVAL | 2750 | SY | 85.00 | 233,750.00 | | | 2,750.00 | 233,750.00 | 0.00 | 0.00 | 1,247.00 | 105,995.00 | 0.00 | | 1,247.00 | 105,995.00 | 1,503.00 | 127,755.00 | 45% |
| 177 | P-101-5.2 | ASPHALT TAXIWAY SHOULDER PAVEMENT REMOVAL | 11000 | SY | 8.66 | 95,260.00 | | | 11,000.00 | 95,260.00 | 0.00 | 0.00 | 6,349.00 | 54,982.34 | 0.00 | | 6,349.00 | 54,982.34 | 4,651.00 | 40,277.66 | 58% |
| 178 | P-101-5.5 | CLEANING AND SEALING ASPHALT TO CONCRETE JOINTS, AND CRACK REPAIR | 100 | LF | 10.00 | 1,000.00 | | | 100.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 100.00 | 1,000.00 | 0% |
| 179 | P-101-5.6 | CONCRETE SPALL REPAIR | 95 | SF | 315.00 | 29,925.00 | | | 95.00 | 29,925.00 | 0.00 | 0.00 | 7.76 | 2,444.40 | 0.00 | | 7.76 | 2,444.40 | 87.24 | 27,480.60 | 8% |
| 180 | P-101-5.8 | DRAINAGE CONCRETE REMOVAL NOT ASSOCIATED WITH THE DEMOLITION OF AN EXISTING STRUCTURE | 2000 | SY | 24.39 | 48,780.00 | | | 2,000.00 | 48,780.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,000.00 | 48,780.00 | 0% |
| 181 | P-152-4.1 | UNCLASSIFIED EXCAVATION | 2300 | CY | 10.03 | 23,069.00 | | | 2,300.00 | 23,069.00 | 0.00 | 0.00 | 354.10 | 3,551.62 | 0.00 | | 354.10 | 3,551.62 | 1,945.90 | 19,517.38 | 15% |
| 182 | P-152-4.2 | BORROW EXCAVATION OFF-SITE | 3400 | CY | 0.01 | 34.00 | | | 3,400.00 | 34.00 | 0.00 | 0.00 | 354.10 | 3.54 | 0.00 | | 354.10 | 3.54 | 3,045.90 | 30.46 | 10% |
| 183 | P-211-5.1 | LIME ROCK BASE COURSE - 6 INCH DEPTH | 9000 | SY | 18.80 | 169,200.00 | | | 9,000.00 | 169,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 9,000.00 | 169,200.00 | 0% |
| 184 | P-306-8.1 | LEAN CONCRETE BASE COURSE, 6 INCH DEPTH | 9000 | SY | 53.31 | 479,790.00 | | | 9,000.00 | 479,790.00 | 0.00 | 0.00 | 3,841.00 | 204,763.71 | 0.00 | | 3,841.00 | 204,763.71 | 5,159.00 | 275,026.29 | 43% |
| 185 | P-401-8.1 | ASPHALT PAVEMENT | 2000 | TON | 255.50 | 511,000.00 | | | 2,000.00 | 511,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 2,000.00 | 511,000.00 | 0% |
| 186 | P-501-8.1 | PORTLAND CEMENT CONCRETE PAVEMENT, 17 INCH | 8500 | SY | 192.81 | 1,638,885.00 | | | 8,500.00 | 1,638,885.00 | ~~200.03~~ 208.02 | ~~-38,566.99~~ 40,109.87 | 0.00 | 0.00 | 100.03 | 19,286.00 | 300.05 | ~~57,852.99~~ 59,393.86 | 8,199.95 | ~~1,581,032.01~~ 1,579,491.14 | 4% |
| 187 | P-501-8.2 | ISOLATED PORTLAND CEMENT CONCRETE SLAB REMOVAL AND REPLACEMENT | 200 | SY | 543.80 | 108,760.00 | | | 200.00 | 108,760.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 200.00 | 108,760.00 | 0% |
| 188 | P-620-5.1 | PAVEMENT MARKING (WITH REFLECTIVE MEDIA) | 5300 | SF | 3.55 | 18,815.00 | | | 5,300.00 | 18,815.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 5,300.00 | 18,815.00 | 0% |
| 189 | P-620-5.2 | PAVEMENT MARKING (WITHOUT REFLECTIVE MEDIA) | 7000 | SF | 2.09 | 14,630.00 | | | 7,000.00 | 14,630.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 7,000.00 | 14,630.00 | 0% |
| 190 | P-620-5.4 | TEMPORARY PAVEMENT MARKINGS | 3000 | SF | 5.53 | 16,590.00 | | | 3,000.00 | 16,590.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 3,000.00 | 16,590.00 | 0% |
| 191 | P-620-5.5 | PAVEMENT MARKING REMOVAL | 4500 | SF | 2.98 | 13,410.00 | | | 4,500.00 | 13,410.00 | 0.00 | 0.00 | 459.00 | 1,367.82 | 0.00 | | 459.00 | 1,367.82 | 4,041.00 | 12,042.18 | 10% |
| 192 | T-904-5.1 | SODDING | 13000 | SY | 4.56 | 59,280.00 | | | 13,000.00 | 59,280.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 13,000.00 | 59,280.00 | 0% |
| 193 | 110-3 | REMOVAL OF EXISTING STRUCTURES | 5 | EA | 3,983.78 | 19,918.90 | | | 5.00 | 19,918.90 | 0.00 | 0.00 | 2.00 | 7,967.56 | 0.00 | | 2.00 | 7,967.56 | 3.00 | 11,951.34 | 40% |
| 194 | 400-2-1a | CONCRETE FOR PIPE JACKETS (3,000 PSI) | 8 | CY | 457.32 | 3,658.56 | | | 8.00 | 3,658.56 | 0.00 | 0.00 | 2.00 | 914.64 | 0.00 | | 2.00 | 914.64 | 6.00 | 2,743.92 | 25% |
| 195 | 425-11 | MODIFY EXISTING DRAINAGE STRUCTURE | 3 | EA | 14,054.76 | 42,164.28 | | | 3.00 | 42,164.28 | 0.00 | 0.00 | 2.00 | 28,109.52 | 0.00 | | 2.00 | 28,109.52 | 1.00 | 14,054.76 | 67% |
| 196 | 430-175-215 | PIPE CULVERT, OTHER SHAPE - ELIP/ARCH, 15" S/CD (ERCP)(CLASS HE-V) | 68 | LF | 150.45 | 10,230.60 | | | 68.00 | 10,230.60 | 23.00 | 3,460.35 | 0.00 | 0.00 | 0.00 | | 23.00 | 3,460.35 | 45.00 | 6,770.25 | 34% |
| 197 | 430-175-218 | PIPE CULVERT, OTHER SHAPE - ELIP/ARCH, 18" S/CD (ERCP)(CLASS HE-V) | 51 | LF | 243.59 | 12,423.09 | | | 51.00 | 12,423.09 | 0.00 | 0.00 | 51.00 | 12,423.09 | 0.00 | | 51.00 | 12,423.09 | 0.00 | 0.00 | 100% |
| 198 | 430-175-124 | PIPE CULVERT, 24" S/CD (RCP)(CLASS V) | 125 | LF | 181.24 | 22,655.00 | | | 125.00 | 22,655.00 | 42.00 | 7,612.08 | 83.00 | 15,042.92 | 0.00 | | 125.00 | 22,655.00 | 0.00 | 0.00 | 100% |
| 199 | 430-175-248 | PIPE CULVERT, OTHER SHAPE - ELIP/ARCH, 48" S/CD (ERCP)(CLASS HE-V) | 354 | LF | 758.89 | 268,647.06 | | | 354.00 | 268,647.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 354.00 | 268,647.06 | 0% |
| 200 | 430-515-203 | STRAIGHT CONCRETE ENDWALLS, 48", DOUBLE, 0 DEGREES, ELLIPTICAL | 1 | EA | 33,037.62 | 33,037.62 | | | 1.00 | 33,037.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 33,037.62 | 0% |
| 201 | D-705-5.1 | PIPE UNDERDRAIN - COMPLETE (PERFORATED AND NON-PERFORATED) | 625 | LF | 34.17 | 21,356.25 | | | 625.00 | 21,356.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 625.00 | 21,356.25 | 0% |
| 202 | D-751-5.2 | INLET BOXES, SPECIAL (AIRCRAFT RATED) | 4 | EA | 36,618.88 | 146,475.52 | | | 4.00 | 146,475.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 146,475.52 | 0% |
| 203 | D-751-5.3 | MANHOLES, SPECIAL LARGE (AIRCRAFT RATED) (STRUCTURE S-23) | 1 | EA | 45,912.17 | 45,912.17 | | | 1.00 | 45,912.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 45,912.17 | 0% |
| 204 | 0430-94-1 | DESILTING AND CCTV PIPE INSPECTION, 0-24" OR EQUIVALENT ELLIPTICAL | 44 | LF | 6.47 | 284.68 | | | 44.00 | 284.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 44.00 | 284.68 | 0% |
| 205 | 0430-94-3 | DESILTING AND CCTV PIPE INSPECTION, 37-48" OR EQUIVALENT ELLIPTICAL | 960 | LF | 9.28 | 8,908.80 | | | 960.00 | 8,908.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 960.00 | 8,908.80 | 0% |
| 206 | 0524-1-4 | CONCRETE DITCH PAVEMENT, NON REINFORCED, 6" (SHOULDER GUTTER ONLY) | 200 | SY | 126.37 | 25,274.00 | | | 200.00 | 25,274.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 200.00 | 25,274.00 | 0% |
| 207 | 0524-1-49 | CONCRETE DITCH PAVEMENT, 6" REINFORCED | 100 | SY | 86.37 | 8,637.00 | | | 100.00 | 8,637.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 100.00 | 8,637.00 | 0% |

**PAY APPLICATION 5** | **CONTRACTOR: Hubbard Construction Company** | **PERIOD ENDING: 05/31/24** | **Project # BP-497**

| ITEM | NO. | DESCRIPTION OF WORK | QUANT. | UNIT | UNIT PRICE | TOTAL FOR ITEM | CHANGE ORDER ADJUSTMENTS | | CURRENT CONTRACT | | PREVIOUS APPL'S TOTAL *WORK* COMPLETED PREVIOUSLY | | THIS APPLICATION *WORK* COMPLETED THIS PERIOD | | THIS APPLICATION STORED MATERIAL *PUT IN-PLACE* (From St. Mat. Wksht. "B") | | TOTAL WORK COMPLETED TO DATE (Does Not Include Stored Materials) | | BALANCE | | % COM-PLETE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | QUANT. | $ AMOUNT | |
| 208 | SP-104-1 | TEMPORARY POWER & TEMPORARY AIRFIELD LIGHTING/SIGNAGE/NAVIGATIONAL FACILITIES | 1 | LS | 35,447.52 | 35,447.52 | | | 1.00 | 35,447.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 35,447.52 | 0% |
| 209 | SP-105-1 | ELECTRICAL DEMOLITION | 1 | LS | 50,639.32 | 50,639.32 | | | 1.00 | 50,639.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 50,639.32 | 0% |
| 210 | L-108-1 | 1/C L-824-TYPE C UNSHIELDED #8 AWG 5 KV STRANDED COPPER CABLE, INSTALLED IN DUCT OR CONDUIT | 130000 | LF | 1.62 | 210,600.00 | | | 130,000.00 | 210,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 130,000.00 | 210,600.00 | 0% |
| 211 | L-108-2 | 1/C #2 AWG SOLID COPPER COUNTERPOISE CABLE, INSTALLED OVER DUCT OR CONDUIT | 5000 | LF | 3.04 | 15,200.00 | | | 5,000.00 | 15,200.00 | 0.00 | 0.00 | 342.00 | 1,039.68 | 0.00 | | 342.00 | 1,039.68 | 4,658.00 | 14,160.32 | 7% |
| 212 | L-108-3 | 3/4" DIAMETER BY 10.00' LONG COPPER CLAD STEEL SECTIONAL GROUND ROD | 190 | EA | 151.92 | 28,864.80 | | | 190.00 | 28,864.80 | 0.00 | 0.00 | 11.00 | 1,671.12 | 0.00 | | 11.00 | 1,671.12 | 179.00 | 27,193.68 | 6% |
| 213 | L-110-1 | 1 WAY 2" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 3000 | LF | 20.26 | 60,780.00 | | | 3,000.00 | 60,780.00 | 0.00 | 0.00 | 59.00 | 1,195.34 | 0.00 | | 59.00 | 1,195.34 | 2,941.00 | 59,584.66 | 2% |
| 214 | L-110-3 | 4 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 250 | LF | 91.15 | 22,787.50 | | | 250.00 | 22,787.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 250.00 | 22,787.50 | 0% |
| 215 | L-110-4 | 6 WAY 4" SCHEDULE 40 PVC CONCRETE ENCASED DUCT | 1700 | LF | 126.60 | 215,220.00 | | | 1,700.00 | 215,220.00 | 0.00 | 0.00 | 236.00 | 29,877.60 | 0.00 | | 236.00 | 29,877.60 | 1,464.00 | 185,342.40 | 14% |
| 216 | L-110-7 | BASE CAN DRAIN WELL | 4 | EA | 1,620.46 | 6,481.84 | | | 4.00 | 6,481.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 6,481.84 | 0% |
| 217 | L-115-3 | JUNCTION CAN PLAZA - SIX L-867E CANS | 7 | EA | 16,204.58 | 113,432.06 | | | 7.00 | 113,432.06 | 0.00 | 0.00 | 4.00 | 64,818.32 | 0.00 | | 4.00 | 64,818.32 | 3.00 | 48,613.74 | 57% |
| 218 | L-125-3 | L-853 ELEVATED RETROREFLECTIVE MARKER | 4 | EA | 151.92 | 607.68 | | | 4.00 | 607.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 4.00 | 607.68 | 0% |
| 219 | L-125-4 | L-858(L) SIGN - SINGLE/DOUBLE FACE, LED SIZE 3 - 3 MODULE | 3 | EA | 8,102.29 | 24,306.87 | | | 3.00 | 24,306.87 | 0.00 | 0.00 | 1.00 | 8,102.29 | 0.00 | | 1.00 | 8,102.29 | 2.00 | 16,204.58 | 33% |
| 220 | L-125-7 | L-858C SIGN - SINGLE FACE, NON-LIGHTED, TAXIWAY END MARKER | 1 | EA | 6,076.72 | 6,076.72 | | | 1.00 | 6,076.72 | 0.00 | 0.00 | 1.00 | 6,076.72 | 0.00 | | 1.00 | 6,076.72 | 0.00 | 0.00 | 100% |
| 221 | L-125-10 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NA) | 32 | EA | 1,721.74 | 55,095.68 | | | 32.00 | 55,095.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 32.00 | 55,095.68 | 0% |
| 222 | L-125-11 | L-861T(L) OMNIDIRECTIONAL, BLUE, LED, TAXIWAY EDGE LIGHT (NE) | 13 | EA | 1,012.79 | 13,166.27 | | | 13.00 | 13,166.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 13.00 | 13,166.27 | 0% |
| 223 | L-125-12 | L-867B, 1/2" GALVANIZED STEEL BLANK COVER (E) | 1 | EA | 607.67 | 607.67 | | | 1.00 | 607.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 607.67 | 0% |
| 224 | L-125-13 | L-867B, 1/2" GALVANIZED STEEL BLANK COVER (NE) | 1 | EA | 202.56 | 202.56 | | | 1.00 | 202.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 202.56 | 0% |
| 225 | L-125-16 | FIELD LIGHTNING ARRESTOR ASSEMBLY | 35 | EA | 911.51 | 31,902.85 | | | 35.00 | 31,902.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 35.00 | 31,902.85 | 0% |
| 226 | L-125-17 | L-852D(L) BIDIRECTIONAL GREEN LED TAXIWAY CENTERLINE LIGHT (C) | 1 | EA | 253.20 | 253.20 | | | 1.00 | 253.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 1.00 | 253.20 | 0% |
| | | **SUBTOTAL - Add Alternate #04** | | | | **6,080,334.07** | **0.00** | **0.00** | | **6,080,334.07** | **16,141.96** | ~~246,964.42~~ 248,505.29 | | **550,347.23** | **0.00** | **19,286.00** | **19,288.15** | ~~816,697.65~~ 818,138.52 | | ~~5,263,736.42~~ 5,262,195.55 | **13%** |
| | | **CHANGE ORDERS** | | | | | | | | | | | | | | | | | | | |
| 1 | | | | LS | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| 2 | | | | LS | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 0% |
| | | **SUBTOTAL - CHANGE ORDERS** | | | | | | **0.00** | | **0.00** | | **0.00** | | **0.00** | | **0.00** | | **0.00** | | **0.00** | **0%** |
| | | **TOTAL** | | | | **32,179,042.64** | | **0.00** | | **32,179,042.64** | | ~~4,972,254.89~~ 4933,293.83 | | **3,118,601.22** | | **19,286.00** | | ~~3,110,142.11~~ 8,071,181.07 | | ~~24,068,900.53~~ 24,107,861.57 | **25%** |

# DMP TRACKING

**Pay Application:** **5** **Project: Project # BP-497, Taxiways G & H Rehabilitation - Phase 1**

**Period Ending:** **05/31/24** **Contractor: Hubbard Construction Company**

"C" Initial DMP Advance Amounts
"D" Enter the % billed for work in place "this period".
"E" Enter total of previous credits taken (Column "G" from previous Pay Application).
"F" The Credit Amount is caluclated by C x D x -1. The monthly credit amount will continue until the full amount of the DMP is repaid.
"H" The DMP Balance amount is reflected on the coverpage on line 4d.

Record full DMP paid on Disbursements Sheet when paid.
When tracking on the credits on Disbursements Sheet, you will record the net paid to the subcontractor (Net WIP less DMP credit).

| "A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" |
|---|---|---|---|---|---|---|---|
| **SOV #** | **Sub Name** | **Initial DMP Amt** | **WIP "this Period" % billed** | **Previous DMP Credits** | **Current DMP Credit** | **Total Credits** | **DMP Balance** |
| | Sub 1 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 2 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 3 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 4 | $ - | 0% | $ - | $ - | $ - | $ - |
| | Sub 5 | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | $ - | 0% | $ - | $ - | $ - | $ - |
| | | **$ -** | | **$ -** | **$ -** | **$ -** | **$ -** |

The above amount is the value shown on line 8 on the coversheet

**CONTRACTOR: Hubbard Construction Company**

**PAY APPLICATION 5** **PERIOD ENDING: 05/31/24 Project # BP-497**

## STORED MATERIALS WORKSHEET

| | *Note: Amounts entered in Column "B" must also be included in "Stored Materials Put-In-Place " column of Schedule of Values. The comparative unit price quantity must be calculated and entered on the Schedule of Values to ensure the total of Column "B" Stored Materials equals the column "Stored Materials Put-in-Place" of the Schedule of Values. | "A" PREVIOUS APPLICATION TOTAL STORED MATERIALS TO DATE | "B" THIS APPLICATION STORED MATERIALS PUT IN-PLACE* | "C" THIS APPLICATION STORED MATERIALS NEW | "D" TOTAL STORED MATERIALS TO DATE |
|---|---|---|---|---|---|
| S.O.V. Line Item No. | DESCRIPTION OF WORK | PLUS | MINUS | PLUS | EQUALS (D=A-B+C) |
| | | Amount ($) | Amount ($) | Amount ($) | Amount ($) |
| 19 | Reinforcement material for PCC - 17" | 204,838.69 | 0.00 | $ - | $ 204,838.69 |
| 99 | Reinforcement material for PCC - 17" | 0.00 | 0.00 | | 0.00 |
| 143 | Reinforcement material for PCC - 17" | 0.00 | 0.00 | | 0.00 |
| 186 | Reinforcement material for PCC - 17" | 40,870.68 | 19,286.00 | | 21,584.68 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | | | | | 0.00 |
| | **TOTAL - Stored Materials** | $245,709.37 | $19,286.00 | $ - | $ 226,423.37 |

OK

**PAY APPLICATION 5**
**PERIOD ENDING: 05/31/24**

**Project: Project , Taxiways G & H Rehabilitation - Phase 1**
**CONTRACTOR: Hubbard Construction Company**

| FIRM NAME | Amount Paid to Subcontractor/Supplier per Pay Application | | | | | | | | | | | | TOTAL $ AMOUNT PAID TO DATE | % | Contractor's Evaluation of Subcontractor Performance (REQUIRED ON FINAL P.A. ONLY) Ratings: Good / Fair / Poor |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PA#1 | PA#2 | PA#3 | PA#4 | PA#5 | PA#6 | PA#7 | PA#8 | PA#9 | PA#10 | PA#11 | PA#12 | | | |
| **DBE/MWBE/LDB Subcontractors/Suppliers** | | | | | | | | | | | | | | | |
| D&J Lawn Services of Lakeland, LLC (DBE) | | | | | | | | | | | | | - | 0.0% | |
| D&M Conlon, Inc. DAN-KEL Concrete Cutting & Coring (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Patriot Prime, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Rainbow Distributors USA, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Roberts Consulting Services, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| Star Trucking & Construction Services, Inc. (DBE) | 9,387.50 | 18,637.50 | | | | | | | | | | | 28,025.00 | 0.0% | |
| Traffic Control Products of Florida, Inc. (DBE) | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| **A. TOTAL DBE/MWBE/LDB DISBURSEMENTS PER PAY APPLICATION** | 9,387.50 | 18,637.50 | - | - | - | - | - | - | - | - | - | - | 28,025.00 | 0.0% | Proposed 17% DBE, 15% DBE each Add Alt. |
| **Other Subs/Suppliers (Non-DBE/MWBE/LDB)** | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| | | | | | | | | | | | | | - | 0.0% | |
| **B. TOTAL OTHER (NON-DBE/MWBE/LDB) DISBURSEMENTS PER PAY APPLICATION** | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0% | |
| **C. TOTAL SELF-PERFORMED BY PRIME CONTRACTOR PER PAY APPLICATION** | (9,387.50) | (18,637.50) | - | - | - | - | - | - | - | - | - | - | (28,025.00) | 0.0% | |
| **TOTAL (A + B + C) = TOTAL PAYMENT TO PRIME CONTRACTOR PER PAY APPLICATION** | - | - | - | - | - | - | - | - | - | - | - | - | - | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DBE/MWBE/LDB Sub/Supplier Participation** | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| **NON-DBE/MWBE/LDB Sub/Supplier Participation** | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

HUBBARD

1936 Lee Road # 300
Orlando, Fl. 32789
TELEPHONE: (407) 645-5500

| | |
|---|---|
| DATE 01/05/23 | HCC JOB No.010499 |
| ATTENTION: Brittany Davis | |
| RE: | |
| | |
| Taxiways G & H Rehabilitaition Phase 1 | |
| | |
| Contract No: BP-497 | |
| | |

TO: Benjamin Brown

11336 Terminal C Service Road

Orlando, FL 32824

WE ARE SENDING YOU [X] ATTACHED [ ] UNDER SEPARATE COVER _____ the following items:

[ ] SHOP DRAWINGS [ ] PRINTS [ ] PLANS [ ] SAMPLES [X] SPECIFICATIONS

[ ] COPY OF LETTER [ ] CHANGE ORDER [X] XER File Seperate

| COPIES | DATE | NO. | DESCRIPTION |
|---|---|---|---|
| 1 | 1/5/23 | 17 | Baseline Schedule |
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[ ] For review and comment [ ] _____

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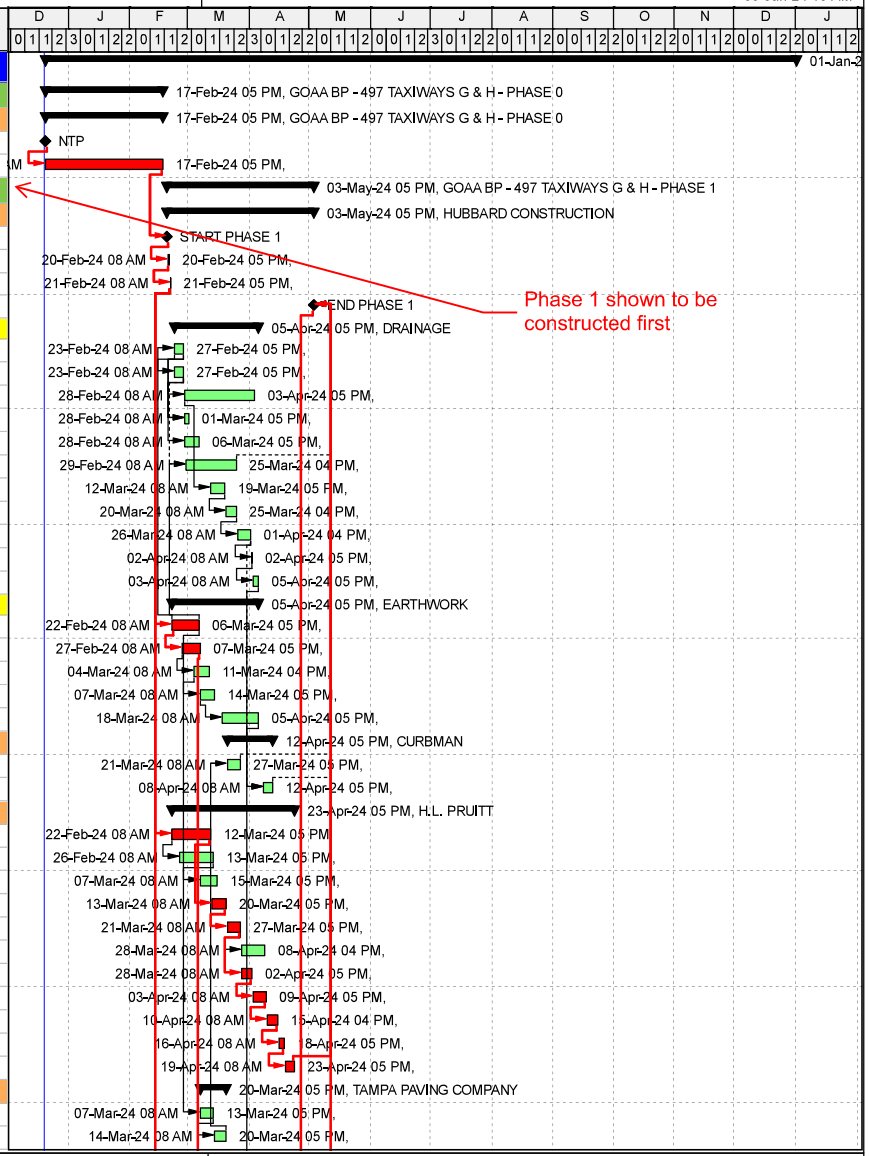
COPY TO _____

SIGNED: _____

Sean Shepherd, Project Engineer

GOAA BP- 497 TAXIWAYS GH | BP-497 Taxiways GH Phase 1 | 05-Jan-24 10 AM

| Activity ID | Activity Name | Duration % Complete | Original Duration | Remaining Duration | Start | Finish |
|---|---|---|---|---|---|---|
| **GOAA BP- 497 TAXIWAYS G&H** | | 0% | 379 | 379 | 20-Dec-23 08 AM | 01-Jan-25 05 PM |
| **GOAA BP - 497 TAXIWAYS G & H - PHASE 0** | | 0% | 60 | 60 | 20-Dec-23 08 AM | 17-Feb-24 05 PM |
| **GOAA BP - 497 TAXIWAYS G & H - PHASE 0** | | 0% | 60 | 60 | 20-Dec-23 08 AM | 17-Feb-24 05 PM |
| A1000 | NTP | 0% | 0 | 0 | 20-Dec-23 08 AM | |
| A1010 | MOBILIZATION (PRE CONSTRUCTION SURVEY, PHOTOS, SUBMITTALS, SI | 0% | 60 | 60 | 20-Dec-23 08 AM | 17-Feb-24 05 PM |
| **GOAA BP - 497 TAXIWAYS G & H - PHASE 1** | | 0% | 75 | 75 | 19-Feb-24 08 AM | 03-May-24 05 PM |
| **HUBBARD CONSTRUCTION** | | 0% | 75 | 75 | 19-Feb-24 08 AM | 03-May-24 05 PM |
| A1530 | START PHASE 1 | 0% | 0 | 0 | 19-Feb-24 08 AM* | |
| A1020 | CONSTRUCT TEMPORARY CONSTRUCTION ACCESS ROAD | 0% | 1 | 1 | 20-Feb-24 08 AM | 20-Feb-24 05 PM |
| A1040 | SETUP MOT & INSTALL EROSION CONTROL | 0% | 1 | 1 | 21-Feb-24 08 AM | 21-Feb-24 05 PM |
| A1540 | END PHASE 1 | 0% | 0 | 0 | | 03-May-24 05 PM |
| **DRAINAGE** | | 0% | 31 | 31 | 23-Feb-24 08 AM | 05-Apr-24 05 PM |
| A1300 | DEMO EXISTING STORM FROM STA. 393+00 to 393+72, 464' LT | 0% | 3 | 3 | 23-Feb-24 08 AM | 27-Feb-24 05 PM |
| A1320 | DEMO EXISTING STORM FROM STA. 373+00 to 375+00, 438' LT | 0% | 3 | 3 | 23-Feb-24 08 AM | 27-Feb-24 05 PM |
| A1180 | FORM, POUR & STRIP S-4 STA. 393+03.97, 463.47' LT | 0% | 26 | 26 | 28-Feb-24 08 AM | 03-Apr-24 05 PM |
| A1310 | DEMO EXISTING STORM AT STA.396+19, 444' LT | 0% | 3 | 3 | 28-Feb-24 08 AM | 01-Mar-24 05 PM |
| A1650 | INSTALL STORM FROM STA. 373+00 to 375+00 438' LT | 0% | 6 | 6 | 28-Feb-24 08 AM | 06-Mar-24 05 PM |
| A1190 | FORM, POUR & STRIP S-23 STA. 374+92.81, 437.20' LT | 0% | 18 | 18 | 29-Feb-24 08 AM | 25-Mar-24 04 PM |
| A1090 | INSTALL STORM FROM STA. 393+00 to 393+72 LT | 0% | 6 | 6 | 12-Mar-24 08 AM | 19-Mar-24 05 PM |
| A1170 | DEMO STORM FROM STA. 393+00 to 396+80 LT | 0% | 4 | 4 | 20-Mar-24 08 AM | 25-Mar-24 04 PM |
| A1210 | INSTALL STORM FROM STA. 393+00 to 396+80 LT | 0% | 5 | 5 | 26-Mar-24 08 AM | 01-Apr-24 04 PM |
| A1290 | DEMO EXISTING STORM FROM STA. 389+00 to 390+16 LT | 0% | 1 | 1 | 02-Apr-24 08 AM | 02-Apr-24 05 PM |
| A1200 | INSTALL STORM FROM STA. 389+00 to 390+16 LT | 0% | 3 | 3 | 03-Apr-24 08 AM | 05-Apr-24 05 PM |
| **EARTHWORK** | | 0% | 32 | 32 | 22-Feb-24 08 AM | 05-Apr-24 05 PM |
| A1050 | ASPHALT & LIMEROCK REMOVAL | 0% | 10 | 10 | 22-Feb-24 08 AM | 06-Mar-24 05 PM |
| A1340 | GRADE COMPACT SUBGRADE | 0% | 8 | 8 | 27-Feb-24 08 AM | 07-Mar-24 05 PM |
| A1360 | DUMP & SPREAD LIMEROCK | 0% | 6 | 6 | 04-Mar-24 08 AM | 11-Mar-24 04 PM |
| A1370 | COMPACT & FINISH LIMEROCK | 0% | 6 | 6 | 07-Mar-24 08 AM | 14-Mar-24 05 PM |
| A1570 | GRADE FOR SOD | 0% | 15 | 15 | 18-Mar-24 08 AM | 05-Apr-24 05 PM |
| **CURBMAN** | | 0% | 17 | 17 | 21-Mar-24 08 AM | 12-Apr-24 05 PM |
| A3890 | CONSTRUCT 6" NON-REINFORCED SHOULDER GUTTER | 0% | 5 | 5 | 21-Mar-24 08 AM | 27-Mar-24 05 PM |
| A3830 | CONSTRUCT 6" REINFORCED CONCRETE DITCH PAVEMENT | 0% | 5 | 5 | 08-Apr-24 08 AM | 12-Apr-24 05 PM |
| **H.L. PRUITT** | | 0% | 44 | 44 | 22-Feb-24 08 AM | 23-Apr-24 05 PM |
| A1220 | ELECTRICAL DEMOLITION | 0% | 14 | 14 | 22-Feb-24 08 AM | 12-Mar-24 05 PM |
| A1420 | CONSTRUCT JUNCTION PLAZAS | 0% | 13 | 13 | 26-Feb-24 08 AM | 13-Mar-24 05 PM |
| A1430 | CONSTRUCT SIGN PADS | 0% | 7 | 7 | 07-Mar-24 08 AM | 15-Mar-24 05 PM |
| A1450 | GREEN AREA CONDUIT | 0% | 6 | 6 | 13-Mar-24 08 AM | 20-Mar-24 05 PM |
| A1460 | PAVED AREA CONDUIT | 0% | 5 | 5 | 21-Mar-24 08 AM | 27-Mar-24 05 PM |
| A1240 | INSTALL NEW CANS | 0% | 8 | 8 | 28-Mar-24 08 AM | 08-Apr-24 04 PM |
| A1470 | WIRE FOR LIGHTS & SIGNS IN NEW CONDUIT | 0% | 4 | 4 | 28-Mar-24 08 AM | 02-Apr-24 05 PM |
| A1480 | REMOVE & REPLACE FIXTURES & WIRE EXISTING CANS | 0% | 5 | 5 | 03-Apr-24 08 AM | 09-Apr-24 05 PM |
| A1490 | INSTALL FIXTURES ON NEW CANS & SIGNS ON FOUNDATIONS | 0% | 4 | 4 | 10-Apr-24 08 AM | 15-Apr-24 04 PM |
| A1500 | WIRE FOR HOMERUNS | 0% | 3 | 3 | 16-Apr-24 08 AM | 18-Apr-24 05 PM |
| A1440 | CORE & RAISE SHOULDER EDGE LIGHTS | 0% | 3 | 3 | 19-Apr-24 08 AM | 23-Apr-24 05 PM |
| **TAMPA PAVING COMPANY** | | 0% | 10 | 10 | 07-Mar-24 08 AM | 20-Mar-24 05 PM |
| A1350 | COLD MILL EXIST. ASPHALT 4" BELOW PROPOSED PROFILE | 0% | 5 | 5 | 07-Mar-24 08 AM | 13-Mar-24 05 PM |
| A1260 | PAVE SHOULDERS | 0% | 5 | 5 | 14-Mar-24 08 AM | 20-Mar-24 05 PM |




Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone



HUBBARD

GOAA BP- 497 TAXIWAYS GH | BP-497 Taxiways GH Phase 1 | 05-Jan-24 10 AM

| Activity ID | Activity Name | Duration % Complete | Original Duration | Remaining Duration | Start | Finish |
|---|---|---|---|---|---|---|
| | **TRAFFIC CONTROL PRODUCTS** | 0% | 72 | 72 | 22-Feb-24 08 AM | 03-May-24 05 PM |
| A1270 | DEMO STRIPING | 0% | 16 | 16 | 22-Feb-24 08 AM | 14-Mar-24 05 PM |
| A1660 | TEMPORARY STRIPING | 0% | 2 | 2 | 15-Mar-24 08 AM | 18-Mar-24 04 PM |
| A1670 | PERMANENT STRIPING FIRST COAT | 0% | 5 | 5 | 23-Apr-24 08 AM | 29-Apr-24 04 PM |
| A1680 | PERMANENT STRIPING SECOND COAT | 0% | 10 | 10 | 24-Apr-24 08 AM | 03-May-24 05 PM |
| | **D&J LAWN** | 0% | 6 | 6 | 08-Apr-24 08 AM | 15-Apr-24 04 PM |
| A1250 | SOD | 0% | 6 | 6 | 08-Apr-24 08 AM | 15-Apr-24 04 PM |
| | **IPC PAVING** | 0% | 45 | 45 | 22-Feb-24 08 AM | 24-Apr-24 05 PM |
| A1070 | SAWCUT AND BREAK CONCRETE | 0% | 9 | 9 | 22-Feb-24 08 AM | 05-Mar-24 05 PM |
| A1390 | DEMO, LOAD & HAUL OUT CONCRETE | 0% | 12 | 12 | 27-Feb-24 08 AM | 13-Mar-24 05 PM |
| A1400 | P-605 JOINT SEAL-RESEAL | 0% | 25 | 25 | 28-Feb-24 08 AM | 02-Apr-24 05 PM |
| A1280 | POUR P-306 LEAN CONCRETE | 0% | 11 | 11 | 14-Mar-24 08 AM | 28-Mar-24 05 PM |
| A1380 | POUR P-501 PORTLAND CEMENT CONCRETE | 0% | 20 | 20 | 27-Mar-24 08 AM | 23-Apr-24 05 PM |
| A1410 | P-605 JOINT SEAL-NEW | 0% | 4 | 4 | 19-Apr-24 08 AM | 24-Apr-24 05 PM |
| | **GOAA BP - 497 TAXIWAYS G & H - PHASE 2** | 0% | 44 | 44 | 05-May-24 08 AM | 17-Jun-24 04 PM |
| | **HUBBARD CONSTRUCTION** | 0% | 44 | 44 | 05-May-24 08 AM | 17-Jun-24 04 PM |
| A2060 | START PHASE 2 | 0% | 0 | 0 | 05-May-24 08 AM | |
| A1580 | CONSTRUCT TEMPORARY ACCESS ROAD | 0% | 1 | 1 | 06-May-24 08 AM | 06-May-24 04 PM |
| A1600 | SETUP MOT & INSTALL EROSION CONTROL | 0% | 1 | 1 | 07-May-24 08 AM | 07-May-24 05 PM |
| A1860 | INSTALL EROSION CONTROL | 0% | 1 | 1 | 08-May-24 08 AM | 08-May-24 05 PM |
| A2070 | END PHASE 2 | 0% | 0 | 0 | | 17-Jun-24 04 PM |
| | **EARTHWORK** | 0% | 24 | 24 | 09-May-24 08 AM | 11-Jun-24 05 PM |
| A3910 | ASPHALT & LIMEROCK REMOVAL | 0% | 8 | 8 | 09-May-24 08 AM | 20-May-24 04 PM |
| A3920 | GRADE COMPACT SUBGRADE | 0% | 8 | 8 | 14-May-24 08 AM | 23-May-24 05 PM |
| A3930 | DUMP & SPREAD LIMEROCK | 0% | 6 | 6 | 20-May-24 08 AM | 27-May-24 04 PM |
| A3940 | COMPACT & FINISH LIMEROCK | 0% | 6 | 6 | 22-May-24 08 AM | 29-May-24 05 PM |
| A3950 | GRADE FOR SOD | 0% | 10 | 10 | 29-May-24 08 AM | 11-Jun-24 05 PM |
| | **H.L. PRUITT** | 0% | 31 | 31 | 06-May-24 08 AM | 17-Jun-24 04 PM |
| A3960 | ELECTRICAL DEMOLITION | 0% | 5 | 5 | 06-May-24 08 AM | 10-May-24 05 PM |
| A3970 | CONSTRUCT JUNCTION PLAZAS | 0% | 9 | 9 | 08-May-24 08 AM | 20-May-24 04 PM |
| A4030 | REMOVE & REPLACE FIXTURES & WIRE EXISTING CANS | 0% | 10 | 10 | 08-May-24 08 AM | 21-May-24 05 PM |
| A4020 | CONSTRUCT SIGN PADS | 0% | 3 | 3 | 14-May-24 08 AM | 16-May-24 05 PM |
| A4040 | INSTALL FIXTURES ON NEW CANS & SIGNS ON FOUNDATIONS | 0% | 4 | 4 | 17-May-24 08 AM | 22-May-24 05 PM |
| A3980 | GREEN AREA CONDUIT | 0% | 6 | 6 | 22-May-24 08 AM | 29-May-24 05 PM |
| A4050 | WIRE FOR HOMERUNS | 0% | 3 | 3 | 23-May-24 08 AM | 27-May-24 04 PM |
| A3990 | PAVED AREA CONDUIT | 0% | 8 | 8 | 28-May-24 08 AM | 06-Jun-24 05 PM |
| A4010 | WIRE FOR LIGHTS & SIGNS IN NEW CONDUIT | 0% | 5 | 5 | 03-Jun-24 08 AM | 07-Jun-24 05 PM |
| A4000 | INSTALL NEW CANS | 0% | 9 | 9 | 05-Jun-24 08 AM | 17-Jun-24 04 PM |
| A4060 | CORE & RAISE SHOULDER EDGE LIGHTS | 0% | 4 | 4 | 12-Jun-24 08 AM | 17-Jun-24 04 PM |
| | **TAMPA PAVING COMPANY** | 0% | 13 | 13 | 09-May-24 08 AM | 27-May-24 04 PM |
| A4070 | COLD MILL EXIST. ASPHALT 4" BELOW PROPOSED PROFILE | 0% | 5 | 5 | 09-May-24 08 AM | 15-May-24 05 PM |
| A4080 | PAVE SHOULDERS | 0% | 5 | 5 | 21-May-24 08 AM | 27-May-24 04 PM |
| | **TRAFFIC CONTROL PRODUCTS** | 0% | 34 | 34 | 06-May-24 08 AM | 08-Jun-24 05 PM |
| A4190 | DEMO STRIPING | 0% | 11 | 11 | 06-May-24 08 AM | 20-May-24 04 PM |
| A4200 | TEMPORARY STRIPING | 0% | 0 | 0 | 21-May-24 08 AM | 21-May-24 08 AM |
| A4210 | PERMANENT STRIPING FIRST COAT | 0% | 5 | 5 | 29-May-24 08 AM | 04-Jun-24 05 PM |
| A4220 | PERMANENT STRIPING SECOND COAT | 0% | 10 | 10 | 30-May-24 08 AM | 08-Jun-24 05 PM |

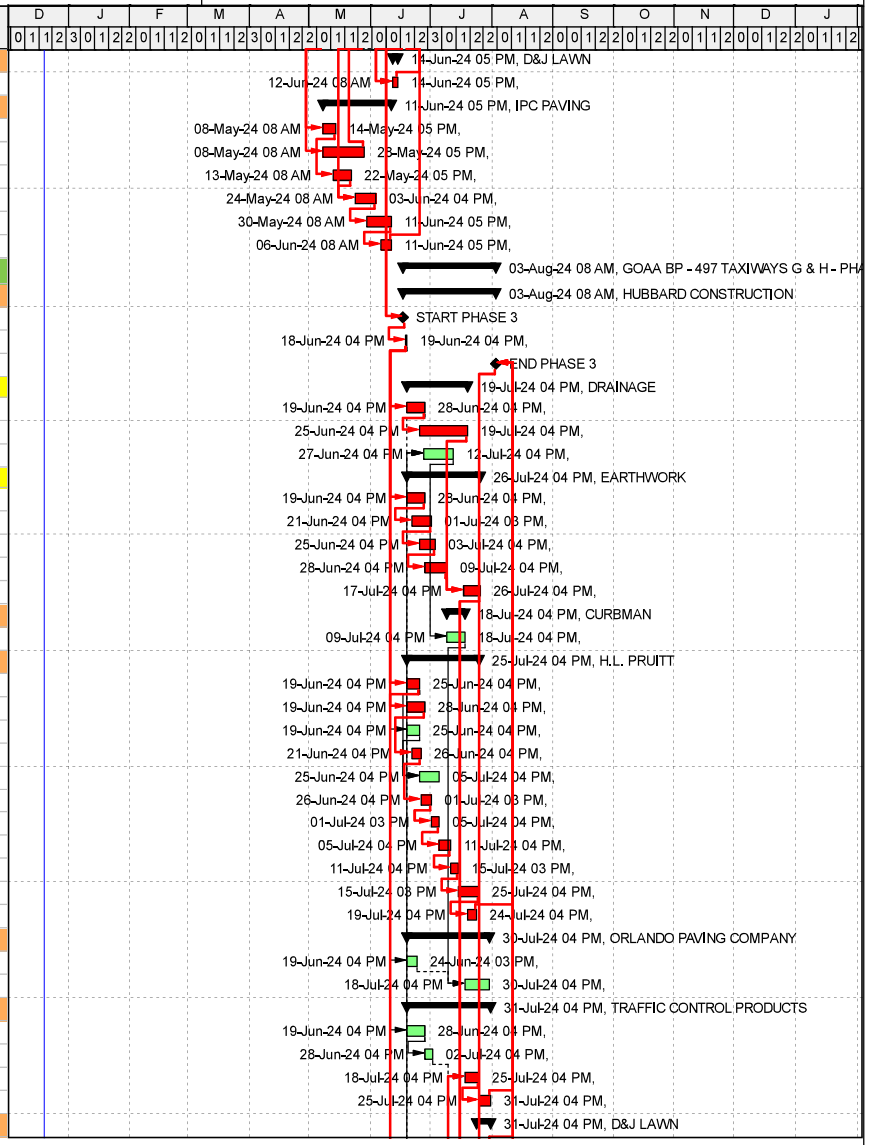
Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone



HUBBARD

GOAA BP- 497 TAXIWAYS GH | BP-497 Taxiways GH Phase 1 | 05-Jan-24 10 AM

| Activity ID | Activity Name | Duration % Complete | Original Duration | Remaining Duration | Start | Finish |
|---|---|---|---|---|---|---|
| D&J LAWN | | 0% | 3 | 3 | 12-Jun-24 08 AM | 14-Jun-24 05 PM |
| A1780 | SOD | 0% | 3 | 3 | 12-Jun-24 08 AM | 14-Jun-24 05 PM |
| IPC PAVING | | 0% | 25 | 25 | 08-May-24 08 AM | 11-Jun-24 05 PM |
| A4120 | SAWCUT AND BREAK CONCRETE | 0% | 5 | 5 | 08-May-24 08 AM | 14-May-24 05 PM |
| A4170 | P-605 JOINT SEAL-RESEAL | 0% | 15 | 15 | 08-May-24 08 AM | 28-May-24 05 PM |
| A4130 | DEMO, LOAD & HAUL OUT CONCRETE | 0% | 8 | 8 | 13-May-24 08 AM | 22-May-24 05 PM |
| A4150 | POUR P-306 LEAN CONCRETE | 0% | 7 | 7 | 24-May-24 08 AM | 03-Jun-24 04 PM |
| A4160 | POUR P-501 PORTLAND CEMENT CONCRETE | 0% | 9 | 9 | 30-May-24 08 AM | 11-Jun-24 05 PM |
| A4180 | P-605 JOINT SEAL-NEW | 0% | 4 | 4 | 06-Jun-24 08 AM | 11-Jun-24 05 PM |
| GOAA BP - 497 TAXIWAYS G & H - PHASE 3 | | 0% | 46 | 46 | 17-Jun-24 04 PM | 03-Aug-24 08 AM |
| HUBBARD CONSTRUCTION | | 0% | 46 | 46 | 17-Jun-24 04 PM | 03-Aug-24 08 AM |
| A4980 | START PHASE 3 | 0% | 0 | 0 | 17-Jun-24 04 PM | |
| A5000 | SETUP MOT & INSTALL EROSION CONTROL | 0% | 1 | 1 | 18-Jun-24 04 PM | 19-Jun-24 04 PM |
| A5020 | END PHASE 3 | 0% | 0 | 0 | | 03-Aug-24 08 AM |
| DRAINAGE | | 0% | 22 | 22 | 19-Jun-24 04 PM | 19-Jul-24 04 PM |
| A3780 | DEMO & INSTALL STORM FROM 496+86 TO 498+04, 168' LT | 0% | 7 | 7 | 19-Jun-24 04 PM | 28-Jun-24 04 PM |
| A5030 | FORM, POUR & STRIP S-7 STA. | 0% | 18 | 18 | 25-Jun-24 04 PM | 19-Jul-24 04 PM |
| A3790 | DEMO & INSTALL STORM FROM 500+39 TO 502+34, ' 173' LT | 0% | 11 | 11 | 27-Jun-24 04 PM | 12-Jul-24 04 PM |
| EARTHWORK | | 0% | 27 | 27 | 19-Jun-24 04 PM | 26-Jul-24 04 PM |
| A5040 | ASPHALT & LIMEROCK REMOVAL | 0% | 7 | 7 | 19-Jun-24 04 PM | 28-Jun-24 04 PM |
| A5050 | GRADE COMPACT SUBGRADE | 0% | 6 | 6 | 21-Jun-24 04 PM | 01-Jul-24 03 PM |
| A5060 | DUMP & SPREAD LIMEROCK | 0% | 6 | 6 | 25-Jun-24 04 PM | 03-Jul-24 04 PM |
| A5070 | COMPACT & FINISH LIMEROCK | 0% | 7 | 7 | 28-Jun-24 04 PM | 09-Jul-24 04 PM |
| A5080 | GRADE FOR SOD | 0% | 7 | 7 | 17-Jul-24 04 PM | 26-Jul-24 04 PM |
| CURBMAN | | 0% | 7 | 7 | 09-Jul-24 04 PM | 18-Jul-24 04 PM |
| A5230 | CONSTRUCT 6" NON-REINFORCED SHOULDER GUTTER | 0% | 7 | 7 | 09-Jul-24 04 PM | 18-Jul-24 04 PM |
| H.L. PRUITT | | 0% | 26 | 26 | 19-Jun-24 04 PM | 25-Jul-24 04 PM |
| A5250 | ELECTRICAL DEMOLITION | 0% | 4 | 4 | 19-Jun-24 04 PM | 25-Jun-24 04 PM |
| A5260 | CONSTRUCT JUNCTION PLAZAS (2) | 0% | 7 | 7 | 19-Jun-24 04 PM | 28-Jun-24 04 PM |
| A5270 | REMOVE & REPLACE FIXTURES & WIRE EXISTING CANS | 0% | 4 | 4 | 19-Jun-24 04 PM | 25-Jun-24 04 PM |
| A5280 | CONSTRUCT SIGN PADS (4) | 0% | 3 | 3 | 21-Jun-24 04 PM | 26-Jun-24 04 PM |
| A5300 | GREEN AREA CONDUIT | 0% | 8 | 8 | 25-Jun-24 04 PM | 05-Jul-24 04 PM |
| A5290 | INSTALL FIXTURES ON NEW CANS & SIGNS ON FOUNDATIONS | 0% | 3 | 3 | 26-Jun-24 04 PM | 01-Jul-24 03 PM |
| A5310 | WIRE FOR HOMERUNS | 0% | 4 | 4 | 01-Jul-24 03 PM | 05-Jul-24 04 PM |
| A5320 | PAVED AREA CONDUIT | 0% | 4 | 4 | 05-Jul-24 04 PM | 11-Jul-24 04 PM |
| A5330 | WIRE FOR LIGHTS & SIGNS IN NEW CONDUIT | 0% | 2 | 2 | 11-Jul-24 04 PM | 15-Jul-24 03 PM |
| A5340 | INSTALL NEW CANS (24) | 0% | 8 | 8 | 15-Jul-24 03 PM | 25-Jul-24 04 PM |
| A5350 | CORE & RAISE SHOULDER EDGE LIGHTS | 0% | 3 | 3 | 19-Jul-24 04 PM | 24-Jul-24 04 PM |
| ORLANDO PAVING COMPANY | | 0% | 29 | 29 | 19-Jun-24 04 PM | 30-Jul-24 04 PM |
| A5090 | DEMO MILLING | 0% | 3 | 3 | 19-Jun-24 04 PM | 24-Jun-24 03 PM |
| A5100 | PAVE SHOULDERS | 0% | 8 | 8 | 18-Jul-24 04 PM | 30-Jul-24 04 PM |
| TRAFFIC CONTROL PRODUCTS | | 0% | 30 | 30 | 19-Jun-24 04 PM | 31-Jul-24 04 PM |
| A5110 | DEMO STRIPING | 0% | 7 | 7 | 19-Jun-24 04 PM | 28-Jun-24 04 PM |
| A5120 | TEMPORARY STRIPING | 0% | 2 | 2 | 28-Jun-24 04 PM | 02-Jul-24 04 PM |
| A5130 | PERMANENT STRIPING FIRST COAT | 0% | 5 | 5 | 18-Jul-24 04 PM | 25-Jul-24 04 PM |
| A5140 | PERMANENT STRIPING SECOND COAT | 0% | 4 | 4 | 25-Jul-24 04 PM | 31-Jul-24 04 PM |
| D&J LAWN | | 0% | 5 | 5 | 24-Jul-24 04 PM | 31-Jul-24 04 PM |



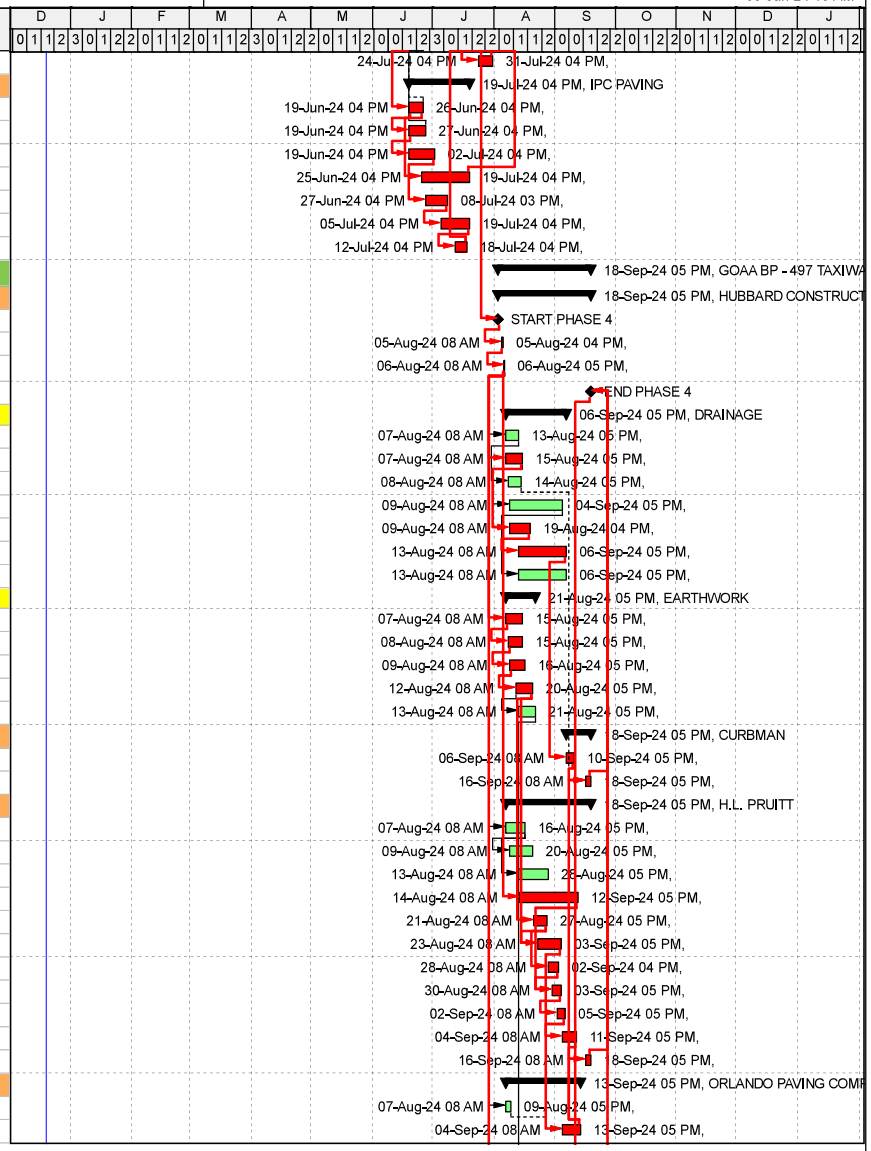

Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone



HUBBARD

GOAA BP- 497 TAXIWAYS GH | BP-497 Taxiways GH Phase 1 | 05-Jan-24 10 AM

| | Activity Name | Duration % Complete | Original Duration | Remaining Duration | Start | Finish |
|---|---|---|---|---|---|---|
| A2310 | SOD | 0% | 5 | 5 | 24-Jul-24 04 PM | 31-Jul-24 04 PM |
| **IPC PAVING** | | 0% | 22 | 22 | 19-Jun-24 04 PM | 19-Jul-24 04 PM |
| A5150 | SAWCUT AND BREAK CONCRETE | 0% | 5 | 5 | 19-Jun-24 04 PM | 26-Jun-24 04 PM |
| A5160 | DEMO, LOAD & HAUL OUT CONCRETE | 0% | 6 | 6 | 19-Jun-24 04 PM | 27-Jun-24 04 PM |
| A5170 | PREPARE SUBGRADE FOR P-306 | 0% | 9 | 9 | 19-Jun-24 04 PM | 02-Jul-24 04 PM |
| A5200 | P-605 JOINT SEAL-RESEAL | 0% | 18 | 18 | 25-Jun-24 04 PM | 19-Jul-24 04 PM |
| A5180 | POUR P-306 LEAN CONCRETE | 0% | 7 | 7 | 27-Jun-24 04 PM | 08-Jul-24 03 PM |
| A5190 | POUR P-501 PORTLAND CEMENT CONCRETE | 0% | 10 | 10 | 05-Jul-24 04 PM | 19-Jul-24 04 PM |
| A5210 | P-605 JOINT SEAL-NEW | 0% | 4 | 4 | 12-Jul-24 04 PM | 18-Jul-24 04 PM |
| **GOAA BP - 497 TAXIWAYS G & H - PHASE 4** | | 0% | 47 | 47 | 03-Aug-24 08 AM | 18-Sep-24 05 PM |
| **HUBBARD CONSTRUCTION** | | 0% | 47 | 47 | 03-Aug-24 08 AM | 18-Sep-24 05 PM |
| A3120 | START PHASE 4 | 0% | 0 | 0 | 03-Aug-24 08 AM | |
| A2640 | CONSTRUCT TEMPORARY ACCESS ROAD | 0% | 1 | 1 | 05-Aug-24 08 AM | 05-Aug-24 04 PM |
| A2660 | SETUP MOT INSTALL EROSION CONTROL | 0% | 1 | 1 | 06-Aug-24 08 AM | 06-Aug-24 05 PM |
| A3130 | END PHASE 4 | 0% | 0 | 0 | | 18-Sep-24 05 PM |
| **DRAINAGE** | | 0% | 23 | 23 | 07-Aug-24 08 AM | 06-Sep-24 05 PM |
| A2690 | DEMO & INSTALL STORM FROM STA. 362+00 TO 364+00, 483' LT | 0% | 5 | 5 | 07-Aug-24 08 AM | 13-Aug-24 05 PM |
| A5240 | DEMO & INSTALL STORM FROM STA. 361.62 TO 363+21, 150' LT | 0% | 7 | 7 | 07-Aug-24 08 AM | 15-Aug-24 05 PM |
| A2700 | DEMO & INSTALL STORM FROM 366+00 TO 368+00, 506' LT | 0% | 5 | 5 | 08-Aug-24 08 AM | 14-Aug-24 05 PM |
| A3710 | FORM, POUR & STRIP S-14 STA. 361+89.77, 149.85' LT | 0% | 19 | 19 | 09-Aug-24 08 AM | 04-Sep-24 05 PM |
| A3750 | DEMO & INSTALL STORM FROM STA 366+2 TO 367+39, 150' LT | 0% | 7 | 7 | 09-Aug-24 08 AM | 19-Aug-24 04 PM |
| A2790 | FORM, POUR & STRIP S-12AA1 STA. 367+12.35, 150.51', LT | 0% | 19 | 19 | 13-Aug-24 08 AM | 06-Sep-24 05 PM |
| A3720 | FORM, POUR & STRIP S-15 STA. 362+37.50, 149.92' LT | 0% | 19 | 19 | 13-Aug-24 08 AM | 06-Sep-24 05 PM |
| **EARTHWORK** | | 0% | 11 | 11 | 07-Aug-24 08 AM | 21-Aug-24 05 PM |
| A4470 | ASPHALT & LIMEROCK REMOVAL | 0% | 7 | 7 | 07-Aug-24 08 AM | 15-Aug-24 05 PM |
| A4480 | GRADE COMPACT SUBGRADE | 0% | 6 | 6 | 08-Aug-24 08 AM | 15-Aug-24 05 PM |
| A4490 | DUMP & SPREAD LIMEROCK | 0% | 6 | 6 | 09-Aug-24 08 AM | 16-Aug-24 05 PM |
| A4500 | COMPACT & FINISH LIMEROCK | 0% | 7 | 7 | 12-Aug-24 08 AM | 20-Aug-24 05 PM |
| A4510 | GRADE FOR SOD | 0% | 7 | 7 | 13-Aug-24 08 AM | 21-Aug-24 05 PM |
| **CURBMAN** | | 0% | 9 | 9 | 06-Sep-24 08 AM | 18-Sep-24 05 PM |
| A3860 | CONSTRUCT 6" REINFORCED CONCRETE DITCH PAVEMENT | 0% | 3 | 3 | 06-Sep-24 08 AM | 10-Sep-24 05 PM |
| A3840 | CONSTRUCT 6" NON REINFORCED CONCRETE SHOULDER GUTTER | 0% | 3 | 3 | 16-Sep-24 08 AM | 18-Sep-24 05 PM |
| **H.L. PRUITT** | | 0% | 31 | 31 | 07-Aug-24 08 AM | 18-Sep-24 05 PM |
| A4230 | ELECTRICAL DEMOLITION | 0% | 8 | 8 | 07-Aug-24 08 AM | 16-Aug-24 05 PM |
| A4300 | REMOVE & REPLACE FIXTURES & WIRE EXISTING CANS | 0% | 8 | 8 | 09-Aug-24 08 AM | 20-Aug-24 05 PM |
| A4260 | GREEN AREA CONDUIT | 0% | 12 | 12 | 13-Aug-24 08 AM | 28-Aug-24 05 PM |
| A4240 | CONSTRUCT JUNCTION PLAZAS (7) | 0% | 22 | 22 | 14-Aug-24 08 AM | 12-Sep-24 05 PM |
| A4270 | PAVED AREA CONDUIT | 0% | 5 | 5 | 21-Aug-24 08 AM | 27-Aug-24 05 PM |
| A4280 | INSTALL NEW CANS (24) | 0% | 8 | 8 | 23-Aug-24 08 AM | 03-Sep-24 05 PM |
| A4290 | WIRE FOR LIGHTS & SIGNS IN NEW CONDUIT | 0% | 4 | 4 | 28-Aug-24 08 AM | 02-Sep-24 04 PM |
| A4250 | CONSTRUCT SIGN PADS (5) | 0% | 3 | 3 | 30-Aug-24 08 AM | 03-Sep-24 05 PM |
| A4310 | INSTALL FIXTURES ON NEW CANS & SIGNS ON FOUNDATIONS | 0% | 4 | 4 | 02-Sep-24 08 AM | 05-Sep-24 05 PM |
| A4320 | WIRE FOR HOMERUNS | 0% | 6 | 6 | 04-Sep-24 08 AM | 11-Sep-24 05 PM |
| A4330 | CORE & RAISE SHOULDER EDGE LIGHTS | 0% | 3 | 3 | 16-Sep-24 08 AM | 18-Sep-24 05 PM |
| **ORLANDO PAVING COMPANY** | | 0% | 28 | 28 | 07-Aug-24 08 AM | 13-Sep-24 05 PM |
| A2850 | DEMO MILLING | 0% | 3 | 3 | 07-Aug-24 08 AM | 09-Aug-24 05 PM |
| A2940 | PAVE SHOULDERS | 0% | 8 | 8 | 04-Sep-24 08 AM | 13-Sep-24 05 PM |



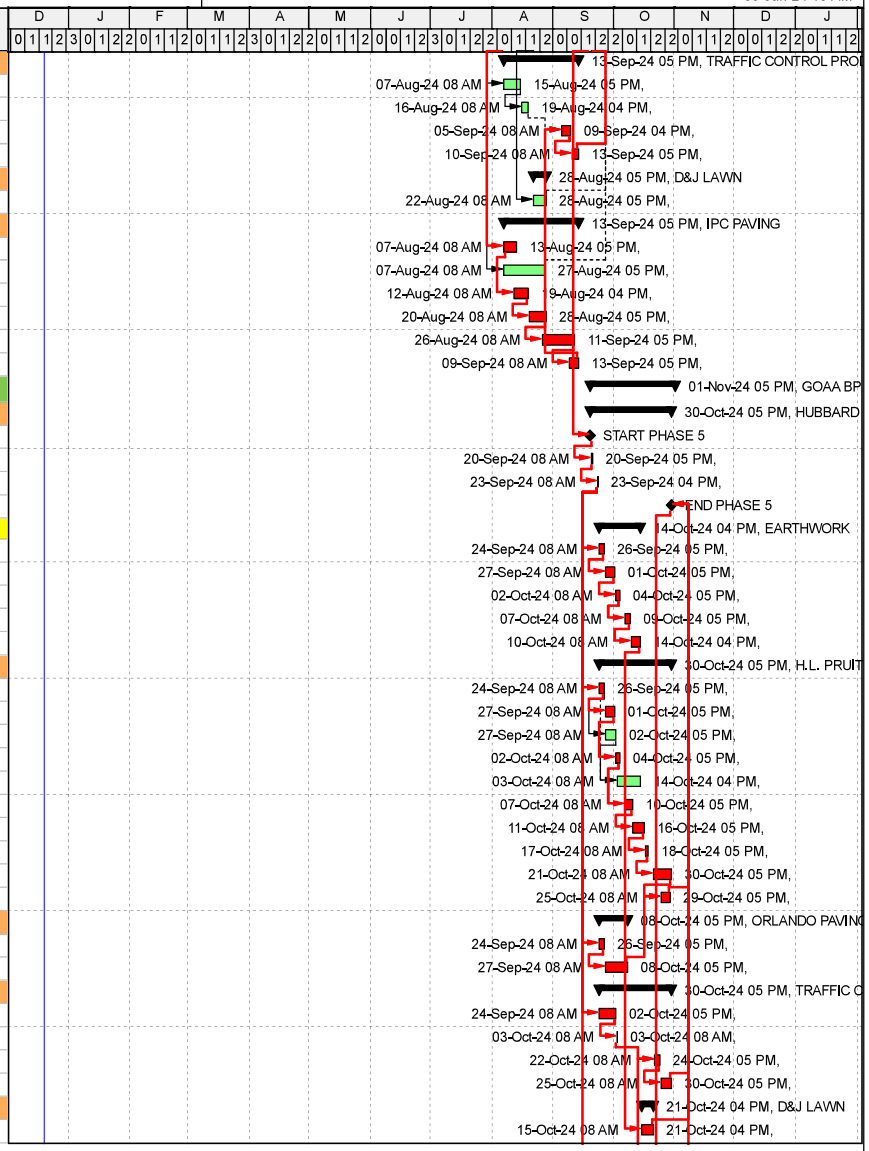

Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone



HUBBARD

GOAA BP- 497 TAXIWAYS GH | BP-497 Taxiways GH Phase 1 | 05-Jan-24 10 AM

| Activity ID | Activity Name | Duration % Complete | Original Duration | Remaining Duration | Start | Finish |
|---|---|---|---|---|---|---|
| | **TRAFFIC CONTROL PRODUCTS** | 0% | 28 | 28 | 07-Aug-24 08 AM | 13-Sep-24 05 PM |
| A2860 | DEMO STRIPING | 0% | 7 | 7 | 07-Aug-24 08 AM | 15-Aug-24 05 PM |
| A4340 | TEMPORARY STRIPING | 0% | 2 | 2 | 16-Aug-24 08 AM | 19-Aug-24 04 PM |
| A3140 | PERMANENT STRIPING FIRST COAT | 0% | 3 | 3 | 05-Sep-24 08 AM | 09-Sep-24 04 PM |
| A4350 | PERMANENT STRIPING SECOND COAT | 0% | 4 | 4 | 10-Sep-24 08 AM | 13-Sep-24 05 PM |
| | **D&J LAWN** | 0% | 5 | 5 | 22-Aug-24 08 AM | 28-Aug-24 05 PM |
| A2840 | SOD | 0% | 5 | 5 | 22-Aug-24 08 AM | 28-Aug-24 05 PM |
| | **IPC PAVING** | 0% | 28 | 28 | 07-Aug-24 08 AM | 13-Sep-24 05 PM |
| A4400 | SAWCUT AND BREAK CONCRETE | 0% | 5 | 5 | 07-Aug-24 08 AM | 13-Aug-24 05 PM |
| A4450 | P-605 JOINT SEAL-RESEAL | 0% | 15 | 15 | 07-Aug-24 08 AM | 27-Aug-24 05 PM |
| A4410 | DEMO, LOAD & HAUL OUT CONCRETE | 0% | 6 | 6 | 12-Aug-24 08 AM | 19-Aug-24 04 PM |
| A4430 | POUR P-306 LEAN CONCRETE | 0% | 7 | 7 | 20-Aug-24 08 AM | 28-Aug-24 05 PM |
| A4440 | POUR P-501 PORTLAND CEMENT CONCRETE | 0% | 13 | 13 | 26-Aug-24 08 AM | 11-Sep-24 05 PM |
| A4460 | P-605 JOINT SEAL-NEW | 0% | 5 | 5 | 09-Sep-24 08 AM | 13-Sep-24 05 PM |
| | **GOAA BP - 497 TAXIWAYS G & H - PHASE 5** | 0% | 44 | 44 | 19-Sep-24 08 AM | 01-Nov-24 05 PM |
| | **HUBBARD CONSTRUCTION** | 0% | 42 | 42 | 19-Sep-24 08 AM | 30-Oct-24 05 PM |
| A4570 | START PHASE 5 | 0% | 0 | 0 | 19-Sep-24 08 AM | |
| A4580 | CONSTRUCT TEMPORARY ACCESS ROAD | 0% | 1 | 1 | 20-Sep-24 08 AM | 20-Sep-24 05 PM |
| A4590 | SETUP MOT & INSTALL EROSION CONTROL | 0% | 1 | 1 | 23-Sep-24 08 AM | 23-Sep-24 04 PM |
| A4610 | END PHASE 5 | 0% | 0 | 0 | | 30-Oct-24 05 PM |
| | **EARTHWORK** | 0% | 15 | 15 | 24-Sep-24 08 AM | 14-Oct-24 04 PM |
| A4520 | ASPHALT & LIMEROCK REMOVAL | 0% | 3 | 3 | 24-Sep-24 08 AM | 26-Sep-24 05 PM |
| A4530 | GRADE COMPACT SUBGRADE | 0% | 3 | 3 | 27-Sep-24 08 AM | 01-Oct-24 05 PM |
| A4540 | DUMP & SPREAD LIMEROCK | 0% | 3 | 3 | 02-Oct-24 08 AM | 04-Oct-24 05 PM |
| A4550 | COMPACT & FINISH LIMEROCK | 0% | 3 | 3 | 07-Oct-24 08 AM | 09-Oct-24 05 PM |
| A4560 | GRADE FOR SOD | 0% | 3 | 3 | 10-Oct-24 08 AM | 14-Oct-24 04 PM |
| | **H.L. PRUITT** | 0% | 27 | 27 | 24-Sep-24 08 AM | 30-Oct-24 05 PM |
| A5360 | ELECTRICAL DEMOLITION | 0% | 3 | 3 | 24-Sep-24 08 AM | 26-Sep-24 05 PM |
| A5390 | CONSTRUCT SIGN PADS () | 0% | 3 | 3 | 27-Sep-24 08 AM | 01-Oct-24 05 PM |
| A5380 | REMOVE & REPLACE FIXTURES & WIRE EXISTING CANS | 0% | 4 | 4 | 27-Sep-24 08 AM | 02-Oct-24 05 PM |
| A5410 | INSTALL FIXTURES ON NEW CANS & SIGNS ON FOUNDATIONS | 0% | 3 | 3 | 02-Oct-24 08 AM | 04-Oct-24 05 PM |
| A5400 | GREEN AREA CONDUIT | 0% | 8 | 8 | 03-Oct-24 08 AM | 14-Oct-24 04 PM |
| A5420 | WIRE FOR HOMERUNS | 0% | 4 | 4 | 07-Oct-24 08 AM | 10-Oct-24 05 PM |
| A5430 | PAVED AREA CONDUIT | 0% | 4 | 4 | 11-Oct-24 08 AM | 16-Oct-24 05 PM |
| A5440 | WIRE FOR LIGHTS & SIGNS IN NEW CONDUIT | 0% | 2 | 2 | 17-Oct-24 08 AM | 18-Oct-24 05 PM |
| A5450 | INSTALL NEW CANS | 0% | 8 | 8 | 21-Oct-24 08 AM | 30-Oct-24 05 PM |
| A5460 | CORE & RAISE SHOULDER EDGE LIGHTS | 0% | 3 | 3 | 25-Oct-24 08 AM | 29-Oct-24 05 PM |
| | **ORLANDO PAVING COMPANY** | 0% | 11 | 11 | 24-Sep-24 08 AM | 08-Oct-24 05 PM |
| A4730 | DEMO MILLING | 0% | 3 | 3 | 24-Sep-24 08 AM | 26-Sep-24 05 PM |
| A4740 | PAVE SHOULDERS | 0% | 8 | 8 | 27-Sep-24 08 AM | 08-Oct-24 05 PM |
| | **TRAFFIC CONTROL PRODUCTS** | 0% | 27 | 27 | 24-Sep-24 08 AM | 30-Oct-24 05 PM |
| A4750 | DEMO STRIPING | 0% | 7 | 7 | 24-Sep-24 08 AM | 02-Oct-24 05 PM |
| A4760 | TEMPORARY STRIPING | 0% | 0 | 0 | 03-Oct-24 08 AM | 03-Oct-24 08 AM |
| A4770 | PERMANENT STRIPING FIRST COAT | 0% | 3 | 3 | 22-Oct-24 08 AM | 24-Oct-24 05 PM |
| A4780 | PERMANENT STRIPING SECOND COAT | 0% | 4 | 4 | 25-Oct-24 08 AM | 30-Oct-24 05 PM |
| | **D&J LAWN** | 0% | 5 | 5 | 15-Oct-24 08 AM | 21-Oct-24 04 PM |
| A4790 | SOD | 0% | 5 | 5 | 15-Oct-24 08 AM | 21-Oct-24 04 PM |




Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone



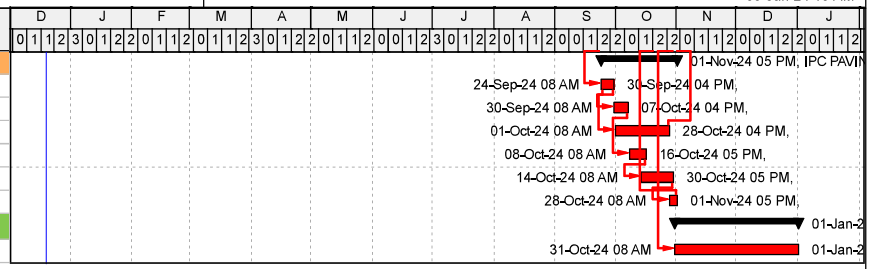
HUBBARD

GOAA BP- 497 TAXIWAYS GH

BP-497 Taxiways GH Phase 1

05-Jan-24 10 AM

| Activity ID | Activity Name | Duration % Complete | Original Duration | Remaining Duration | Start | Finish |
|---|---|---|---|---|---|---|
| **IPC PAVING** | | 0% | 29 | 29 | 24-Sep-24 08 AM | 01-Nov-24 05 PM |
| A4800 | SAWCUT AND BREAK CONCRETE | 0% | 5 | 5 | 24-Sep-24 08 AM | 30-Sep-24 04 PM |
| A4810 | DEMO, LOAD & HAUL OUT CONCRETE | 0% | 6 | 6 | 30-Sep-24 08 AM | 07-Oct-24 04 PM |
| A4850 | P-605 JOINT SEAL-RESEAL | 0% | 20 | 20 | 01-Oct-24 08 AM | 28-Oct-24 04 PM |
| A4830 | POUR P-306 LEAN CONCRETE | 0% | 7 | 7 | 08-Oct-24 08 AM | 16-Oct-24 05 PM |
| A4840 | POUR P-501 PORTLAND CEMENT CONCRETE | 0% | 13 | 13 | 14-Oct-24 08 AM | 30-Oct-24 05 PM |
| A4860 | P-605 JOINT SEAL-NEW | 0% | 5 | 5 | 28-Oct-24 08 AM | 01-Nov-24 05 PM |
| **FINAL COMPLETION** | | 0% | 45 | 45 | 31-Oct-24 08 AM | 01-Jan-25 05 PM |
| A5220 | PUNCHLIST | 0% | 45 | 45 | 31-Oct-24 08 AM | 01-Jan-25 05 PM |




Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone



HUBBARD

# BP-497 Taxiways G & H Rehabilitation – Phase 1

*Change Order Number 1 Time Analysis*

Taxiways G and H generally consists of PCC full strength taxiway pavement with asphalt shoulders. The originally proposed project work for BP-497 generally consists of the following:

- Rehabilitate the aged pavement, markings, lighting, and signage
- Modify the pavement geometry to meet current regulatory criteria
- Drainage infrastructure improvement required by the updated pavement geometry
- Eliminating the direct access from Airsides 2 and 4 to Runway 17R-35L

**BP-497 Taxiways G &H Rehabilitation – Scope and History**

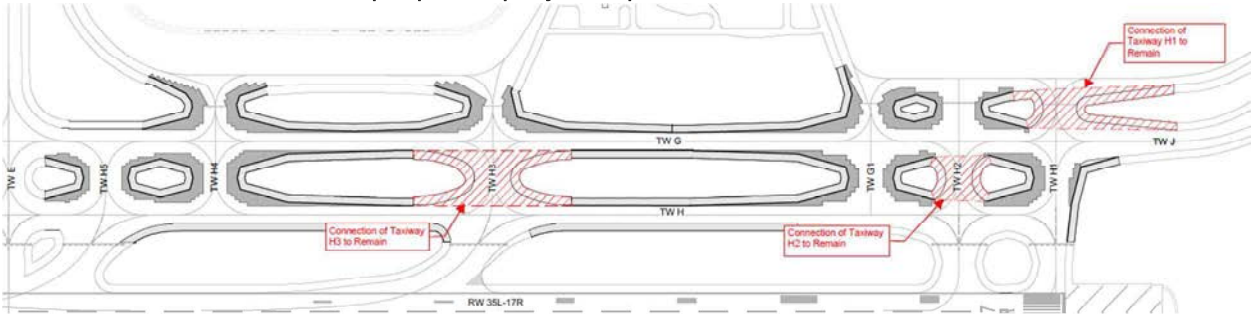
The purpose of the geometric modifications is to meet current Airport Design Standards as described in Federal Aviation Administration's Advisory Circular 150/5300-13B, Airport Design (FAA Design AC), for Airplane Design Group (ADG) V / Taxiway Design Group (TDG) 6. The existing pavement geometry meets the minimum width for full strength pavement and has 35' asphalt shoulder pavement; however, changes in the taxiway geometry standards require expanding the full-strength taxiway pavement at taxiway turns, which requires the relocation of the associated shoulders, electrical, edge lighting, signage, and drainage. Additionally, there are two direct access points from Airsides 2 and 4 to Runway 17R-35L that were originally proposed to be disconnected. To meet the current Taxiway Safety Areas (TSA) requirements, the project proposes to relocate drainage structures further away from the taxiway centerlines.

Bids were received on March 29, 2022 with Hubbard Construction Company identified as the low bidder. GOAA's Construction Committee (CCM) recommended the award of the project at the June 6, 2023 meeting. After this CCM approval, the contract was provided to FAA for review and concurrence. GOAA received authorization to proceed with this project under the Airport Improvement Program (AIP). Once approved by the FAA, the Authority Board approved the award of the contract on October 18, 2023 at their regularly scheduled board meeting.

**FAA Concerns about Geometry and Resolution**

After the approval to award the contract, the FAA Air Traffic Control Tower (ATCT) expressed concerns about the scope of the project. Their specific worry was that the elimination of portions of TWY H1, TWY H2, and TWY H3 would limit the ability of the controllers to move aircraft efficiently during congested times or when conditions were unfavorable. These concerns were escalated both at GOAA and FAA culminating in a meeting held on December 7, 2023. At that meeting, the group developed a consensus for changes required to the project which eliminated all demolition of taxiways.

This exhibit shows what the proposed project layout will be:




Based on the outcome of the meeting, GOAA provided direction to AECOM to revise the BP-497 project design to reflect these changes. Here is their summary for Bulletin No. 01:

*Geometric modifications at Taxiways H1, H2, and H3 have resulted in changes to the demolition plans, point elevation plans, plan and profiles, geometry plans, paving plans, typical sections and details, taxiway cross section plans, grading plans, drainage plans, drainage structure details, underdrain plans, drainage pipe desilting and CCTV inspection plans, marking plans and details, phasing and barricade plans, and safety and security notes and details.*

*The electrical sheets have been modified to reflect these geometric changes. The change to the electrical sheets includes: lighting layout, signage layout, sign panel messages, circuiting, junction can plaza, duct bank, and the ALCMS graphic. Also, for the increase in isolated slab replacements, additional light replacements are required. New light fixture types have been added to the legend sheet, technical specifications, pay items, and quantities. A modifier description has also been added to explain the scope of work for the Runway Status Lights affected.*

*An additional Fourteen (14) isolated slabs between the Taxiway H1 hold bar and Runway 17R-35L have been added for replacement. Drainage structure modifications have been added to this ESI #1 to reflect the changes from RFI's #2 and #3.*

*Changes in quantities are reflected in the plan sheet revisions. A change order will be processed to account for the changes in contract price, as well as the contract time, associated with this ESI #1.*

**Change Management Process and Timeline**

On January 8th, the OAR provided the following direction to the Contractor.

*"Our expectation is that a final version of the Engineer's Supplemental Information (ESI) will be ready for your review by January 10, 2024. Our team will transmit this document to you as Bulletin No. 01. We will work with your team to develop pricing and work through any of your questions and concerns. As part of this change, you will need to develop a revised schedule as well. If the changes to the work will require additional time, your Request for Change Order (RCO) package will need to include a schedule analysis to substantiate the adjustment.*

*Due to the scale anticipated for the changes, we expect that the package may be quite large with extensive supporting documentation. For this reason, the RCO will need to be*

*well organized and complete. Please have your staff review contract section GP-40 PROCEDURES FOR CHANGES IN THE WORK to ensure that all required information is provided in the appropriate format and level of detail. The OAR team will work with you to assemble the package and facilitate the required reviews and approvals. For all grant-funded work at GOAA, any changes must be approved at the Authority Board (Board) level. All Board items must first be reviewed and recommended for approval at the Construction Committee Meeting (CCM). The CCM process requires two weeks for review and approval.*

*GOAA issued Notice to Proceed on December 20, 2023 which supports a construction start date of no later than February 18, 2024. The current approach to this project is to begin construction with phases 4 and 5, which are only slightly affected by the change. These phases total 90 days of construction. That means all the changes must be approved and executed prior to May 19, 2024 to allow seamless construction without delay. To meet this date, the issue must be considered at the April Board meeting. The last meeting CCM which would meet the April Board deadline will be March 26, 2024, so the complete package must be submitted no later than March 12, 2024. However, based on past experience with grant funded work, we should allow more than the minimum two week period for review. To confidently meet these dates,* ***our goal should be a complete package for review by February 27, 2024****. "*

**Portions of the Project Currently Available to the Contractor**

In order to move the project ahead and take advantage of favorable weather between February and May, Hubbard Construction Company (HCC) was directed to move ahead with construction. At the time of this direction, only those portions of the project that would not be changed could proceed. That was limited to the following portions of the scope:

- All scope in Phase 4 (incorporating slight changes per Bulletin No. 01)
- All scope in Phase 5
- Construction of logistics areas, haul roads, access roads, fences, and lay down areas
- Pipe cleaning and CCTV inspection
- Procurement of all lighting materials from the base bid
- Procurement of any pipe and drainage structures in all phases that remain unchanged from the original to the revised plans with coordination of submittal approval to identify which are approved to proceed.
- Other items as identified that are already included in the original contract. Feel free to reach out to us to discuss additional items identified in your review.

**Construction Begins**

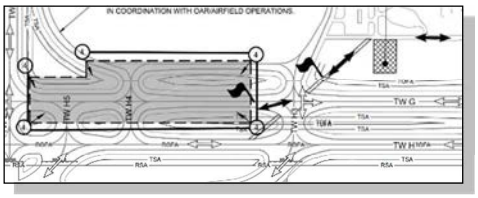
Based on direction from the OAR, the Contractor began work in Phase 5 on February 20, 2024. The team quickly realized that the resequencing of work had created several new challenges. Up to the point when the design change was confirmed, the Contractor had planned to construct the work as proposed in the contract documents taking each phase in the order intended by the Engineer. The biggest challenge was with long-lead items and custom items that required shop drawing coordination. Phases 4 and 5 include significant drainage structures

and reinforced concrete pipe. These structures required significant design coordination for shop drawing preparation. The shop drawing process had to be completed before reinforcing steel could be fabricated, packaged, and sent to the project. This process delayed the start of the drainage construction. Because the drainage is beneath the shoulder pavement and requires a large excavation, all subsequent subgrade, base, and paving activities are affected.

**Bulletin #2 Design Changes**

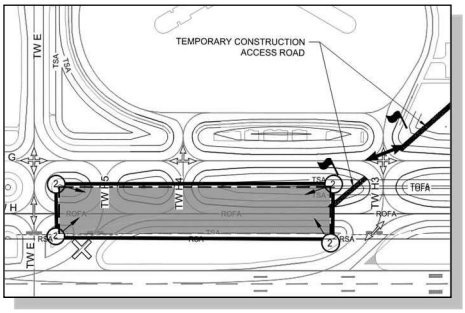
The Contractor followed direction provided to them regarding the changes shown in Bulletin #1. As the OAR and Contractor were working to revise the contract and update the approach to the project, FAA provided a revised direction for the affected areas. Rather than improve the areas at TWY H1, H2, and H3 to meet the newest standards, they said they would not fund improvements at those locations. That direction differed from what was shown in Bulletin #1 and required that another bulletin be issued to formalize the direction. We informed the Contractor about these changes and the need for Bulletin #2 on March 11, 2024 and provided the bulletin documents on April 18, 2024. The bulletin further changed several of the drainage structures caused another wave of impacts to the schedule as drainage shop drawings had to be revised a second time.

**Phase 4: (Duration 45 Calendar days)**




The construction limits of this phase will require the closures of TWY H5 closed between TWY H and TWY G, TWY G between TWY E and TWY H3, and TWY H4 between Airside 4 Ramp and TWY H. Phase 1 will require the construction of a temporary access road. The construction activities anticipated for Phase 4 include: erosion and sediment control, full depth pavement removal, pavement milling, electrical demolition, drainage modifications, full strength PCC pavement, asphalt shoulder pavement, airfield lighting and signage modifications, joint removal and replacement, pavement repairs, temporary pavement markings, permanent pavement markings, site grading, and sodding.

**Phase 5: (Duration 45 Calendar days)**




The construction limits of Phase 5 will require the closure of TWY H between TWY E and TWY H3, TWY H4 between TWY H and TWY G, and TWY H5 between Runway 17R-35L and TWY G. Phase 2 will require the construction of a temporary access road. The construction activities anticipated for Phase 5 include: erosion and sediment control, full depth pavement removal, pavement milling, electrical demolition, drainage modifications, full strength PCC pavement, asphalt shoulder pavement, airfield lighting and signage modifications, joint removal and replacement, pavement repairs, temporary pavement markings, permanent pavement markings, site grading, and sodding.

**Impacts to Phases 4 and 5**

With the late changes to the phase sequence and the multiple plan changes to the project during the construction of these Phases 4 and 5, each phase schedule was impacted. The Contractor and OAR coordinated with Airfield Operations, Airline Operations, and the Engineer to mitigate the effects to each phase. With those efforts the schedule impact was limited to the extent possible but resulted on additional days for each phase.

The Contractor initially asked to start with Phase 5. However, since this phase limits Gates 75 through 87 to ADG IV, Airline Operations could not coordinate the activities with the Airlines quickly enough to allow this phase first. That meant, the Contractor had to scramble the backup plan and create another plan to construct Phase 4 first.

**Phase 4**

| Original Start Date | Orginal Completion Date | Original Duration |
|---|---|---|
| 2/20/2024 | 4/5/2024 | 45 |
| Actual Start Date | Actual Completion Date | Actual Duration |
| 2/20/2024 | 4/24/2024 | 64 |
| **Additional Time** | | **19** |

**Phase 5**

| Original Start Date | Orginal Completion Date | Original Duration |
|---|---|---|
| 3/6/2024 | 4/20/2024 | 45 |
| Actual Start Date | Actual Completion Date | Actual Duration |
| 4/25/2024 | 7/8/2024 | 74 |
| **Additional Time** | | **29** |

**Conclusion**

We have appreciated the Contractor's thoughtful approach and collaboration mitigating the time impacts for this project to make it a success. As a gesture of their goodwill and partnership, they have agreed that the additional time granted for this project will not be compensable with extended general conditions. This is a significant concession given the nature and magnitude of the changes.

Here is the final summary of the schedule changes. Some are based on observed dates while others are forecasted based on extrapolated forecasts.

| | Original Duration | Bulletin 1/2 Durations |
|---|---|---|
| Phase 1 | 75 | 75 |
| Phase 2 | 45 | 45 |
| Phase 3 | 45 | 55 |
| Phase 4 | 45 | 64 |
| Phase 5 | 45 | 74 |
| | 255 | 313 |

We recommend 58 additional days of contract time to reach substantial completion.

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | |
|---|---|---|---|
| **CHANGE ORDER NO. 01** | **AMOUNT $(60,181.95)** | **Extension Of Time (Subst.):** | **65 Days** |
| | | **Extension Of Time (Final):** | **0 Days** |

| | | | |
|---|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-497 Taxiways G & H Rehabilitation – Phase1 | DATE: | 8/06/2024 |
| CONTRACTOR: | Hubbard Construction Company | | |
| A/E: | AECOM Technical Services, Inc | | |

DESCRIPTION OF CHANGE TO CONTRACT:

**ITEM #1: Revise concrete pavement from large scale demolition to selective removal**

a. Decrease Base Bid Pay Item P-101-5.1 (Concrete Pavement Removal) by 19,500 SY at the contract unit price of $60.00/SY, from 19,500 SY to 0 SY. **DEDUCT: ($1,170,000.00)**
b. Establish new Pay Item P-101-5.1A (Selective Concrete Pavement Removal) consisting of 5,000 SY at the negotiated unit price of $98.00/SY **ADD: $490,000.00**

**ITEM #2: Provide steel reinforcement of isolated concrete panel replacement**

a. Provide labor, materials, and equipment to furnish and install steel reinforcement for isolated concrete panel replacement located along Taxiway H1. Establish a new Pay Item P-501-8.3 (Concrete Pavement Reinforcement) providing 560 SY at the unit price of $232.92/SY. **ADD: $130,435.20.**

**ITEM #3: Provide FAA Unidirectional Runway Status Light, Red**

a. Provide labor, materials and equipment to furnish and install L-852S FAA Unidirectional Runway Status Light, Red. Establish new Pay Item L-125-19 (L-852S FAA Unidirectional Runway Status Light, Red) providing 2 EA at the negotiated unit price of $1,980.00/EA. **ADD $3,960.00.**

**ITEM #4: Provide Light Can Protection During Panel Demolition**

a. Provide labor, materials and equipment to furnish and install L-868 (Protection During Panel Demolition). Establish new Pay Item L-125-20 (L868 Protection During Panel Demolition) providing 1 LS at the negotiated unit price of $4,329.77/LS. **ADD $4,329.77.**

**ITEM #5: Provide Closure for Runway 17R/35L during new Phase 3B**

a. Provide labor, materials, and equipment to complete closure of Runway 17L/35R for added work items in Phase 3B. Establish new lump sum pay item C-106-1(Phase 3B) providing 1 LS at the price of $58,487.25/LS. **ADD $58,487.25.**

**ITEM #6: Provide Modification for Drainage Structure S-2**

c. Original bid item: 430-536-102. Decrease Base Bid Pay Item by 1 at the contract unit price of $17,077.94/EA, from 2 to 1. **DEDUCT ($17,077.94).**
d. Provide labor, materials, and equipment to furnish and install Structure S-2. Establish new Pay Item D-751-5.2 (Inlet Boxes, Special (Aircraft Rated)(Structure S-2)) providing 1 EA at the unit price of $63,374.88/EA. **ADD $63,374.88**.

**ITEM #7: Provide Modification for Drainage Structure S-8**

a. Original bid item: D-751-5.2. Decrease Base Bid Pay Item by 1 at the contract unit price of $38,029.27 from 8 to 7. **DEDUCT ($38,029.27)**
b. Provide labor, materials, and equipment to furnish and install Structure S-8. Establish new Pay Item D-751-5.2 (Inlet Boxes, Special, Large (Aircraft Rated) (Structure S-8)) providing 1 EA at the unit price of $90,918.00. **ADD $90,918.00.**

**CC**
**ITEM III-A**
**8/6/2024**

**ITEM #8: Provide Modification for Drainage Structure S-12aa1**

a. Original bid item: 425-2-71. Decrease Additive Alternative 1 Pay Item by 1 at the contract unit price of $46,934.57 from 1 to 0. **DEDUCT ($46,934.57).**
b. Provide labor, materials, and equipment to furnish and install Structure S-12aa1. Establish new Pay Item 425-2-71 (Manholes/Junction Boxes, J-7 <10', Modified Top) providing 1 EA at the contract unit price of $84,708.42/EA. **ADD $84,708.42.**

**ITEM #9: Provide Modification for Drainage Structure S-13bb**

a. Provide labor, materials, and equipment to furnish and install Structure S-14. Establish new Pay Item 425-1551 (Inlets, Ditch Bottom Type E, Less than 10') providing 1 EA at the contract unit price of $10,724.89/EA. **ADD $10,724.89**.

**ITEM #10: Provide Modification for Drainage Structure S-14**

a. Original bid item: D-751-51. Decrease Additive Alternative 2 Pay Item by 1 at the contract unit price of $39,332.19/EA, from 1 to 0. **DEDUCT ($39,332.19)**.
b. Provide labor, materials, and equipment to furnish and install Structure S-14. Establish new Pay Item D-751-5.1 (Manholes/Junction Boxes, Special, Recessed Top (Aircraft Rated) (Structure S-14)) providing 1 EA at the unit price of $158,858.13EA. **ADD $158,858.13.**

**ITEM #11: Provide Modification for Drainage Structure S-15**

a. Original bid item: D-751-5.2. Decrease Additive Alternative 2 Pay Item by 1 at the contract unit price of $41,143.13/EA, from 1 to 0. **DEDUCT ($41,143.13).**
b. Provide labor, materials, and equipment to furnish and install Structure S-15. Establish new Pay Item D-751-5.2 (Inlet Boxes, Special, Large (Aircraft Rated) (Structure S-15)) providing 1 EA at the unit price of $71,727.05/EA. **ADD $71,727.05.**

**ITEM #12: Provide Modification for Drainage Structure S-16**

a. Original bid item: D-751-5.2. Decrease Additive Alternative 3 Pay Item by 1 at the contract unit price of $36,618.88/EA from 4 to 3. **DEDUCT ($36,618.88).**
b. Provide labor, materials, and equipment to furnish and install structure S-16. Establish new Pay Item D-751-5.2 (Inlet Boxes, Special, (Aircraft Rated) (Structure S-16)) providing 1 EA at the unit price of $67,774.30/EA. **ADD $67,774.30.**

**ITEM #13: Provide Modification for Drainage Structure S-17**

a. Original bid item: D-751-5.2. Decrease Additive Alternative 3 Pay Item by 1 at the contract unit price of $36,618.88/EA from 3 to 2. **DEDUCT($36,618.88).**
b. Provide labor, materials, and equipment to furnish and install structure S-17. Establish new Pay Item D-751-5.2 (Inlet Boxes, Special, (Aircraft Rated) (Structure S-17)) providing 1 EA at the unit price of $66,725.58/EA. **ADD $66,725.58.**

**ITEM #14: Provide Mitered End Section for Drainage Structure S-20**

a. Provide labor, materials, and equipment to furnish and install 18" Class V Reinforced concrete pipe mitered end section. Establish a new Pay Item 430-982-625 (MITERED END SECTION, OPTIONAL – ELLIPTICAL/ARCH, 18" CD) providing 1 EA at the unit price of $4,805.18/EA. **ADD: $4,805.18**.

**ITEM #15: Provide Modification for Drainage Structure S-23**

a. Original bid item: D-751-5.2. Decrease Additive Alternative 3 Pay Item by 1 at the contract unit price of $45,912.27/EA from 1 to 0. **DEDUCT ($45,912.27).**
b. Provide labor, materials, and equipment to furnish and install structure S-23. Establish new Pay Item D-751-5.2 (Manholes, Special Large (Aircraft Rated) (Structure S-23)) providing 1 EA at the unit price of $94,800.18/EA. **ADD $94,800.18.**

**ITEM #16: Provide 18" Reinforced Concrete Pipe**

a. Establish new Pay Item 430-175-118 (Pipe Culvert, 18" S/CD (RCP)(Class V) providing 28 LF at the unit price of $240.52/LF. **ADD $6,734.56.**

**ITEM #17: Interim Quantity Adjustments** (see attached quantity adjustment spreadsheet): **ADD: $3,121.84**

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**ITEM #18: Increase Contract Time for Substantial Completion** by **65 calendar days**, from 315 calendar days to 380 calendar days, resulting from changes requested by FAA.

**TOTAL COST: $(60,181.95)**

*(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)*

REASON FOR CHANGE:

**Items 1, 2-4, and 6-18**: **Unforeseen Condition**: The originally proposed project work for BP-497 generally consists of the following: Rehabilitate the aged pavement, markings, lighting, and signage; Modify the pavement geometry to meet current regulatory criteria; Drainage infrastructure improvement required by the updated pavement geometry; Eliminating the direct access from Airsides 2 and 4 to Runway 17R-35L. After the approval to award the contract, the FAA Air Traffic Control Tower (ATCT) expressed concerns about the scope of the project. Their specific worry was that the elimination of portions of TWY H1, TWY H2, and TWY H3 would limit the ability of the controllers to move aircraft efficiently during congested times or when conditions were unfavorable. These concerns were escalated both at GOAA and FAA culminating in a meeting held on December 7, 2023.

Based on the outcome of the meeting, GOAA has provided direction to AECOM to revise the BP-497 project design to reflect these changes. The changes were made under Bulletin No. 01 and are summarized as follows
*Geometric modifications at Taxiways H1, H2, and H3 have resulted in changes to the demolition plans, point elevation plans, plan and profiles, geometry plans, paving plans, typical sections and details, taxiway cross section plans, grading plans, drainage plans, drainage structure details, underdrain plans, drainage pipe desilting and CCTV inspection plans, marking plans and details, phasing and barricade plans, and safety and security notes and details.*
*The electrical sheets have been modified to reflect these geometric changes. The change to the electrical sheets includes: lighting layout, signage layout, sign panel messages, circuiting, junction can plaza, duct bank, and the ALCMS graphic. Also, for the increase in isolated slab replacements, additional light replacements are required. New light fixture types have been added to the legend sheet, technical specifications, pay items, and quantities. A modifier description has also been added to explain the scope of work for the Runway Status Lights affected.*
*An additional Fourteen (14) isolated slabs between the Taxiway H1 hold bar and Runway 17R-35L have been added for replacement. Drainage structure modifications have been added to this ESI #1 to reflect the changes from RFI's #2 and #3.*
*Changes in quantities are reflected in the plan sheet revisions.*
After some deliberation, FAA provided further direction that the portions of Taxiways H1, H2, and H3 in question should not be updated to the current project. Based on this direction, GOAA directed AECOM to update the project design to reflect the change. The changes were provided to the Contractor in Bulletin No. 02 which made the following revisions: *Geometric modifications have been made at Taxiways H1, H2, and H3 have resulted in plan sheet revisions to account for the changed scope of work to eliminate the geometric modifications at Taxiways H1, H2, and H3.*

**Items 2 and 5**: **Unforeseen Condition**: After the bid and award of the project damage has progressed on the concrete pavement on TWY H1 at Runway 17R/35L such that significant repairs are required. These items provide for better reinforcement for the replacement panels as well as the required runway closure to safely accommodate the construction.

SOURCE OF FUNDS: Previously approved Federal Aviation Administration Funds, Florida Department of Transportation Funds, Capital Expenditure Funds, and General Airport Revenue Bonds

Is above change within the intended scope of the original contract? Yes ☒ No ☐

EXPLAIN:

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| | | | |
|---|---|---|---|
| Previously Presented Bulletin(s): | Bulletins 1 & 2 | | (Copy Attached) |
| Previously Approved Field Change Order(s): | N/A | | (Copy Attached) |
| Contractor's Original RCO Submission | $ (867,630.97) | | |
| GOAA/OAR Estimate | $ (60,181.95) | | |
| (a) Change Contract Amount By | | | **$ (60,181.95)** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | | $ 158,237 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | | $ 0 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | | **$ 98,055.05** |
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | | Omissions | $ |
| | | Errors | $ |
| PREPARED BY: Ben Brown | | | PHONE: 4155 |

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e., Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 7/24/2024 | | | |

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# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | |
|---|---|---|---|
| **CHANGE ORDER NO. 46** | **AMOUNT $239,040.00** | **Extension Of Time (Subst.):** | **0 Days** |
| | | **Extension Of Time (Final):** | **0 Days** |
| CONTRACT NO. & DESCRIPTION: | BP- S00195 - SOUTH TERMINAL C, PHASE 1X - Airside Concourse | DATE: | 08/06/24 |
| CONTRACTOR: | Hensel Phelps Construction Company | | |
| A/E: | HNTB Corporation | | |

DESCRIPTION OF CHANGE TO CONTRACT:

1. **Item: RFI 0037 - Conformed Documents (IFC) Discrepancies COR 0027 (R4)**

   Provide all labor, material, and equipment necessary to perform additional electrical and low voltage changes as identified in the RFI 0037 response. The scope of work generally includes removing and reinstalling fixtures, setting up temporary egress lighting, and installing new receptacles, light fixtures, conduit, supports, and wiring, as well as installing six cameras with twelve sensors.

   **Add $106,353.00**

2. **Item: RFI 0286 - Lightning Protection Test Well Raceway Clarification COR 0054 (R3)**

   Provide all labor, material, and equipment necessary to perform selective removal of existing Terminal P1 sidewalks, locate the existing lighting protection system grounding ring and perform site restoration as identified in RFI 0286 response.

   **Add $46,012.00**

3. **Item: RFI 0298 & 0298.1 - Speaker Type W6 & C0 Circuit COR 0071 (R2)**

   Provide all labor, material, and equipment necessary to install the W6 speakers on a separate circuit as identified in RFIs **0298 & 0298.1 responses. Work will generally include** additional cabling, terminal blocks, amplifier cards, amplifier mainframe with licensing, sensors, and transformers.

   **Add $50,704.00**

4. **Item: RFI 0455 Continuous Plate Required for Roofer Termination Bar COR 0077 (R3)**

   Provide all labor, material, and equipment necessary to install a 6” 18 galvanized continuous plate for the termination of the east parapet and a 6” 16 galvanized continuous plate for the termination of the PBP building parapet exterior wall framing as identified in RFI 0455 response

   **Add $15,217.00**

**CC**
**ITEM III-B**
**8/6/2024**

5. **Item: RFI 0399 - Plumbing Pipe Ramp Level Area 35 Discrepancy COR 0080 (R2)**

   Provide all labor, material, and equipment necessary to reroute 6" Domestic Cold Water (DCW) and the 1 ½ Natural Gas (NG) piping in Area 35 as identified in RFI 0399 response.

   **Add $20,754.00**

   **Total Add $239,040.00**

*(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)*

REASON FOR CHANGE:

1. **Item: Design Omission:** The contract documents were found to have discrepancies with the bid documents, including unclouded changes, drawings, and specifications. These issues were clarified in the response to RFI 0037. The final scope of work includes removing and reinstalling fixtures, setting up temporary egress lighting, and installing new receptacles, light fixtures, conduit, supports, and wiring. Additionally, six cameras with twelve sensors not shown on the original camera schedule will need to be furnished and installed.

2. **Item: Design Omission:** The contract documents indicate on the electrical drawing E8.41.34 to connect the BP-S00195 building's lightning protection system (LPS) to the existing building's system ground well located at gridline Y12.9. Field investigations of the existing conditions confirmed that there is not a raceway to the existing ground rod test well for the connection of the proposed ground rod test well. The design team responded in RFI 0286 acknowledging that the LPS conduit/wire/test wells intended for connection of the BP-S00195 LPS to the existing building were covered with concrete during the previous contract and to excavate as necessary for the southernmost location point of the existing building's ground ring for the continuation of the lightning protection system.

3. **Item: Design Omission:** The contract documents for the Emergency Communication System (ECS) indicate the Audio-Video Speakers Wall Type 6 (W6) and Ceiling Type 0 (C0) are on the same circuit. The industry's best practice in providing a reliable system is to install speakers that have different specifications on separate circuits to ensure compatibility. The designed team confirmed in RFI 0298 that the type W6 speakers are to be migrated to a separate circuit from the C0 type speakers.

4. **Item: Design Omission:** The BP-S00195 contract document drawings omitted a keynote in the detail E1/A5.11.09, to determine the size and gauge of the continuous plate for the roof termination bar. Corresponding with the design team in RFI 0455 confirmed that a portion of the keynote in the detail was omitted from the previous phase when creating the current contract documents. The keynote stated, "6" 16-gauge strap or other suitable provision to allow 6" to 8" fastening of roof membrane".

5. **Item: Unforeseen Condition:** The contract documents indicate the plumbing piping on the ramp level in Area 35 to be routed from the Baggage Handling System Corridor through a Tenant Fit-Out Room that ultimately conflicts with HVAC Ductwork. RFI 0399 provided updated plumbing drawings to continue routing the 6" Domestic Cold Water ( DCW ) and the 1 ½ NG natural gas piping through the Baggage Handling System Corridor. The updated drawings routed the pipes from an indoor tenant space to the baggage handling system area which changed the insulation requirements for the piping from an indoor condition to an outdoor condition.

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|---|---|---|---|
| SOURCE OF FUNDS: General Airport Revenue Bonds (GARB's), Passenger Facility Changes (PFC's) | | | |
| Is above change within the intended scope of the original contract? Yes ☒ No ☐<br>EXPLAIN: | | | |
| Previously Presented Bulletin(s): | | | (Copy Attached) |
| Previously Approved Field Change Order(s): | | | (Copy Attached) |
| Contractor's Original RCO Submission | $ **239,040.00** | | |
| GOAA/OAR Estimate | $ 228,303.00 | | |
| (a) Change Contract Amount By | | | **$ 239,040.00** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | | $ |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | | $ |
| (d) Total Cost Impact of this Change (d = a + b + c) | | | **$ 239,040.00** |
| Is there any potential backcharge to the A/E? Yes ☒ No ☐ | | Omissions | $ **21,828.00** |
| | | Errors | $ |
| PREPARED BY: John Volpe | | | PHONE: 407-825-7838 |

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e., Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| Anser Advisory | 7/23/24 | 7/31/24 | LQ | Melvin Martinez |

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# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

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|---|---|---|---|
| **CHANGE ORDER NO. 14** | **AMOUNT $ 213,157.00** | **Extension Of Time (Subst.):** | **0 Days** |
| | | **Extension Of Time (Final):** | **228 Days** |

| | | |
|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00199 Train Station PDL Parking Lots (D/B) | DATE: 08/06/2024 |
| CONTRACTOR: | The Middlesex Corporation | |
| A/E: | N/A | |

DESCRIPTION OF CHANGE TO CONTRACT: **FINAL CHANGE ORDER**

**Item #1:** This change order represents a global settlement of issues that include (1) compensation for changes to the access control and revenue collection system at the entry and exit of the three (3) new surface parking lots including barriers arms, credit card readers, ticket dispensing columns, and micro-UPS systems that were not identified in the Design Criteria Package and other Bid Documents, and were added after award, (2) cost and time for delays resulting from South Florida Water Management District (SFWMD) permitting associated with Owner requested changes to add parking spaces to surface lot 1 and add the shared-use pathway between surface lot 1 and the Passenger Dropoff Lobby, and (3) the added cost of performance and payment bonds resulting from an increase in total contact price throughout the project.

**Item #2:** Increase the Contract Time for Final Completion by 228 calendar days, from 30 calendar days to 258 calendar days, associated with the additional work in Item #1 above.

**ADD: $213,157.00**

*(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)*

REASON FOR CHANGE:

**Item #1: Owner Request -** The Design Criteria Package and Bid Documents identified the need for some access and revenue control system items. These requirements changed or were upgraded at the request of GOAA Parking after award of the contract. The settlement price includes a credit for the equipment that was included in the bid price and was changed after award.

**Item #1: Unforeseen Conditions -** During construction the Authority added the shared-use path which required a new individual SFWMD permit. This new permit could not be submitted until the initial project individual SFWMD permit was approved. The pathway work proceeded however the final impervious surface could not be completed until after the second individual permit was fully approved by water management district. The three (3) new surface lots were substantially complete on schedule in December 2023. The contract allowed only 30 calendar days for final completion. The second SFWMD was approved 75 days after Substantial Completion. The shared-use path paving was able to proceed after receiving the second individual water management district permit. Delaying Final Completion of the project.

**Item #1: Bond Reconciliation -** This change also includes the added costs for performance and payments bonds as required by the contract.

**Item #2: Unforeseen Conditions -** The increased duration for Final Completion is primarily due to the delay in receiving the SFWMD approval for the second permit that was needed for the shared-use path. Once the permit approval was received the remaining work was scheduled and completed. Also, some additional time for Final Completion was required to process final change orders and to close out the project.

SOURCE OF FUNDS: Previously approved Capital Expenditure Funds

**CC ITEM III-C 8/6/2024**

Is above change within the intended scope of the original contract? Yes ☒ No ☐

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|---|---|---|---|
| EXPLAIN: | | | |
| Previously Presented Bulletin(s): | N/A | | (Copy Attached) |
| Previously Approved Field Change Order(s): | N/A | | (Copy Attached) |
| Contractor's Original RCO Submission | $ 299,913.00 | | |
| GOAA/OAR Estimate | $ 207,115.05 | | |
| (a) Change Contract Amount By | | | **$ 213,157.00** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | | $ 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | | $ 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | | **$ 213,157.00** |
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | | Omissions | $ 0.00 |
| | | Errors | $ 0.00 |
| PREPARED BY: Jamie McGonagill, GCI | | | PHONE: X6565 |

*NOTE: All Agenda Items are to be submitted to **GOAA's Construction-Engineering-Financial (CEF) Consultant** (i.e., Anser Advisory, LLC). The deadline for the agenda items is **no later than 3:00 p.m. on Tuesdays, two weeks** preceding the intended Construction Committee meeting.*

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 7/30/20204 | 7/31/2024 | ZTG | Melvin Martinez |