REVISED

CONSTRUCTION COMMITTEE MEETING AGENDA

DATE: **Tuesday, August 6, 2024**

TIME: **9:00 AM**

PLACE: **Carl T. Langford Board Room / Orlando International Airport/ One Jeff Fuqua Blvd. / Orlando, FL 32827**

[ITEMS IN BOLD REQUIRE APPROVAL BY THE AVIATION AUTHORITY BOARD]

I. CALL TO ORDER/ ROLL CALL/ ANNOUNCEMENTS

II. CONSIDERATION OF MINUTES

A. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON JUNE 4, 2024.

B. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON JUNE 18, 2024.

C. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON JUNE 25, 2024.

D. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON JULY 2, 2024.

E. REQUEST FOR APPROVAL OF THE CONSTRUCTION COMMITTEE MINUTES FROM THE MEETING HELD ON JULY 16, 2024.

III. CHANGE ORDERS (REFERENCE CHANGE ORDER AGENDA PAGE)

IV. NEW BUSINESS

GENERAL

A. REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 03 TO THE DESIGN SERVICES FOR TAXIWAYS G AND H REHABILITATION PHASES 1 AND 2 AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR CONSTRUCTION ADMINISTRATION SERVICES FOR **BP-00497**, TAXIWAYS G AND H REHABILITATION - PHASE 1, AT THE ORLANDO INTERNATIONAL AIRPORT.

B. REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING HORIZONTAL CONSTRUCTION SERVICES AGREEMENT WITH PRIME CONSTRUCTION GROUP FOR **H-00378**, MCO STORMWATER PUMP SYSTEM PLAN, AT THE ORLANDO INTERNATIONAL AIRPORT.

C. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ON-CALL ARCHITECTURE AND ENGINEERING CONSULTANT SERVICES AGREEMENT WITH KIMLEY-HORN AND ASSOCIATES, INC. FOR CONSTRUCTION ADMINISTRATION SERVICES FOR **H-00378**, MCO STORMWATER PUMP SYSTEM PLAN, AT THE ORLANDO INTERNATIONAL AIRPORT.

D. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ON-CALL ARCHITECTURE AND ENGINEERING CONSULTING SERVICES AGREEMENT WITH C&S ENGINEERS, INC., FOR **W-00518**, MCO CAD, GIS AND BIM SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

E. REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE GENERAL CONSULTING SERVICES AGREEMENT WITH RICONDO & ASSOCIATES, INC. FOR W-00525, AIRPORT MASTER PLAN UPDATE OF THE ORLANDO INTERNATIONAL AIRPORT.

F. REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 3 TO THE EXECUTIVE PROGRAM MANAGEMENT AND OVERSIGHT ("EPMO") SERVICES FOR TERMINAL C PROGRAMS AGREEMENT WITH JACOBS PROJECT MANAGEMENT CO. FOR DISADVANTAGED BUSINESS ENTERPRISE (DBE) COMPLIANCE MONITORING AND REPORTING SERVICES FOR **W-S00149**, TERMINAL C PROGRAMS, AT THE ORLANDO INTERNATIONAL AIRPORT.

G. REQUEST FOR RECOMMENDATION OF APPROVAL OF THE PURCHASE OF 100 SHARP NEC 55-INCH MONITORS FROM ADVANCED DOCUMENT SOLUTIONS, INC. FOR BID 24-621-IFB FOR THE W-S00161, TERMINAL C GTF/RAC LOBBY FF&E AND IT ITEMS AT ORLANDO INTERNATIONAL AIRPORT.

H. REQUEST FOR RECOMMENDATION OF APPROVAL OF NO-COST ADDENDA TO CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENTS TO EXERCISE THE FIRST ONE-YEAR RENEWAL OPTION.

I. REQUEST FOR RECOMMENDATION OF APPROVAL OF A NO-COST ADDENDUM TO THE CONTINUING LAND DEVELOPMENT, LAND PLANNING, AND LAND MANAGEMENT CONSULTING SERVICES AGREEMENT WITH DYKES EVERETT & COMPANY, LLC. TO EXERCISE THE SECOND AND FINAL ONE-YEAR RENEWAL OPTION.

J. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES FOR AIRFIELD, ROADWAY, AND HORIZONTAL CONSTRUCTION PROJECTS WITH LOYAL WINGMAN, LLC. FOR **H-00378**, MCO STORMWATER PUMP SYSTEM PLAN, AT THE ORLANDO INTERNATIONAL AIRPORT.

V. INFORMATION ITEMS

A. Field Change Order Log

For individuals who conduct lobbying activities with Aviation Authority employees or Board members, registration with the Aviation Authority is required each year prior to conducting any lobbying activities. Lobbying any Aviation Authority Staff who are members of any committee responsible for ranking Proposals, Letters of Interest, Statements of Qualifications or Bids and thereafter forwarding those recommendations to the Board and/or Board Members is prohibited from the time that a Request for Proposals, Request for Letters of Interests, Request for Qualifications or Request for Bids is released to the time that the Board makes an award. In the event a lobbyist meets with or otherwise communicates with Staff or a Board member, including the Mayor of the City of Orlando or the Mayor of Orange County, the lobbyist shall file a Notice of Lobbying (Form 4) detailing each instance of lobbying to the Aviation Authority within 7 calendar days of such lobbying. Lobbyists will also provide a notice to the Aviation Authority when meeting with the Mayor of the City or Mayor of Orange County at their offices. The policy, forms, and instructions are available on the Aviation Authority's web site ww.orlandoairports.net). Please contact the Chief Administrative Officer, Ms. Yovannie Rodriguez, with questions at (407) 825-7105.

Any appeals of decisions made by the Construction Committee must be filed with the Chief Executive Officer within five business days, no later than 04:00 pm on August 13, 2024. If a bidder or proposer is aggrieved by any of the proceedings of today's meeting and wishes to appeal the results of actions made by this committee, they must file an appeal stating the item they wish to appeal and the basis for which they wish to appeal, and it must be received in writing by the Chief Executive Officer, Mr. Kevin J. Thibault, via email at kevin.thibault@goaa.org, with a copy to yovannie.rodriguez@goaa.org.

Any member of the public who wishes to address the committee on an agenda item being considered at this meeting must notify the committee in writing by submitting a completed Appearance Request Form. This form may be requested from and submitted to the Recording Secretary via email at CCM@goaa.org, or in person on the date of the meeting. Each speaker will be allowed up to three minutes, and speakers will be limited to no more than five speakers per group or joint effort; excluding businesses and other such entities, which will be limited to one speaker to represent the entity, as a whole.

The next Construction Committee Meeting is scheduled for Tuesday, August 13, 2024, at 09:00 am

On **TUESDAY, JUNE 4, 2024**, the **CONSTRUCTION COMMITTEE** of the Greater Orlando Aviation Authority met at the Orlando International Airport in the Carl T. Langford Board Room, One Jeff Fuqua Blvd., Orlando, FL 32827. Chair Shedek called the meeting to order at 9:00 a.m. Chair Shedek read the Lobbyist Disclosure and the Appeals Statement. The meeting was posted in accordance with Florida Statutes and a quorum was present. All Construction Committee members confirmed no violations regarding the Aviation Authority's Code of Ethics and Business Conduct; lobbying activities policy; or the Florida Sunshine law with regards to any agenda item.

Committee members present:

Scott Shedek, Chair
Marie Dennis, Deputy Chief Financial Officer, Finance
Gary Hunt, Vice President, Facilities
Tricia Cottman, Vice President, Risk Management
Keila Walker-Denis, Interim Vice President, Information Technology

Also participating:

Karen Ryan, Legal Counsel (Nelson Mullins Riley & Scarborough)
Rob Furr, GOAA, Vice President, Engineering and Architecture
Tuan Nguyen, GOAA Engineering
Don Corthell, PSA Constructors, Inc. dba PSA Management, Inc.
Ben Brown, Loyal Wingman, LLC
Brian Gainous, Cost Management, Inc. dba CMI
Nils Johnson, Chace Construction Services, LLC
Fransheska Brown, Recording Secretary

CONSIDERATION OF MINUTES

Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried to approve the Construction Committee Minutes from the meeting held on April 23, 2024, as presented.

CHANGE ORDERS

A. **CHANGE ORDER BP-00049-01 VARIOUS REVISIONS.** *[A handout was presented, which includes a Revised Memorandum.]* Mr. Brown presented the request for Change Order No. 01 on BP-00049, ORL Taxiways A, B and, E4 Rehabilitation, with The Middlesex Corporation. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Mr. Hunt, vote carried to approve Change Order BP-00049-01, ORL Taxiways A, B, and E4 Rehabilitation, with The Middlesex Corporation, for the total amount of $0.00, and no time extension, with funding from FAA and FDOT Grants to the extent eligible, and ORL Revenue Funds.

B. **CHANGE ORDER E-00280-01 VARIOUS REVISIONS.**
This item was deferred.

C. **CHANGE ORDER E-00280-02 VARIOUS REVISIONS.**
This item was deferred.

D. **CHANGE ORDER H-00361-01 VARIOUS REVISIONS.** Mr. Gainous presented the request for Change Order No. 01 on H-00361, MCO JFB (Loop Rd.) Terminal B Entrance Reconfiguration (Design/Build), with The Middlesex Corporation. Discussion ensued.

Upon motion of Ms. Dennis, second by Mr. Hunt, vote carried to recommend to the Aviation Authority Board approval of Change Order H-00361-01, JFB (Loop Rd.) Terminal B Entrance Reconfiguration (Design/Build), with The Middlesex Corporation, for the total amount of $160,700.00, and a 42 calendar day time extension to Substantial Completion, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

E. **CHANGE ORDER H-00377-01 SIGN INSTALLATION.** Mr. Brown presented the request for Change Order No. 01 on H-00377, Casa Verde Pedestrian Crosswalk, with The Middlesex Corporation. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried approve Change Order H-00377-01, Casa Verde Pedestrian Crosswalk, with The Middlesex Corporation, for the total amount of $990.00, and no time extension, with funding from previously-approved Operations and Maintenance Funds.

NEW BUSINESS

A. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 01 TO THE CONTINUING CIVIL ENGINEERING SERVICES AGREEMENT WITH KIMLEY-HORN AND ASSOCIATES, INC. FOR ADDITIONAL TOPOGRAPHIC SURVEY SERVICES FOR H-00362 PAVING OF OVERFLOW LOTS AT SOUTH PARK PLACE (DESIGN/BUILD), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Nguyen presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve an Amendment to Addendum No. 01 to the Continuing Civil Engineering Services Agreement with Kimley-Horn and Associates, Inc. for Additional Topographic Survey Services for H-00362 Paving of Overflow Lots at South Park Place (Design/Build), for the total not-to-exceed fees amount of $8,847.00, with funding from previously-approved Capital Expenditure Funds.

B. **REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH CLANCY & THEYS CONSTRUCTION COMPANY FOR THE AWARD OF V-01023 AIRSIDES 2 AND 4 COOP RAMPS, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Johnson presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Dennis, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the Continuing Vertical Construction Services Agreement with Clancy & Theys Construction Company for the award of V-01023 Airsides 2 and 4 COOP Ramps, for the total bid amount of $2,414,910.00, with funding from Line of Credit to be reimbursed by future General Airport Revenue Bonds.

C. **REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH CLANCY & THEYS CONSTRUCTION COMPANY FOR THE AWARD OF V-S00046, TERMINAL C ENHANCEMENTS HEADACHE BARS, AT THE ORLANDO INTERNATIONAL AIRPORT.**
[A handout was presented, which includes a Revised Full Item and New OSBD Memorandum.] Mr. Corthell presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Ms. Dennis, second by Mr. Hunt, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the Continuing Vertical Construction Services Agreement with Clancy & Theys Construction Company for the award of V-S00046 Terminal C Enhancements Headache Bars, for the total bid amount of $278,185.00, with funding from Line of credit to be reimbursed by General Airport Revenue Bonds.

D. **REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE GENERAL CONSULTING SERVICES AGREEMENT WITH RICONDO & ASSOCIATES, INC. FOR DEVELOPMENT OF A DESIGN CRITERIA PACKAGE (DCP) SERVICES ON W-00516 EXECUTIVE BOARD ROOM RENOVATION DESIGN CRITERIA PACKAGE, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Furr presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the General Consulting Services Agreement with Ricondo & Associates, Inc. for Development of a DCP Services on W-00516 Executive Board Room Renovation Design Criteria Package, for the total not-to-exceed fees amount of $287,728.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds; subject to funding consensus by the Construction Finance Oversight Committee (CFOC). [Subsequent to the Construction Committee meeting, the CFOC consensed the funding as outlined above.]

E. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 20 TO THE ARCHITECT OF RECORD FOR SOUTH TERMINAL C - PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR DESIGN, BID, AND AWARD SERVICES FOR THE NEGATIVE KVAR CORRECTIONS FOR W-S00110 SOUTH TERMINAL C, PHASE 1 - ARCHITECT OF RECORD (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.**
This item was deferred.

F. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES FOR AIRFIELD, ROADWAY, AND HORIZONTAL CONSTRUCTION PROJECTS AGREEMENT WITH THE CORRADINO GROUP, LLC. FOR W-00493 STAFF EXTENSION AND OAR SERVICES FOR CONSTRUCTION AND ENGINEERING PROJECTS, AT THE ORLANDO INTERNATIONAL AIRPORT.**
[A handout was presented, which includes a New Backup.] Mr. Nguyen presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Walker-Denis, vote carried to approve an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects Agreement with The Corradino Group, Inc. for W-00493 Staff Extension and OAR Services for Construction and Engineering Projects, for the total not-to-exceed fees amount of $130,368.00, with funding from previously-approved Operations and Maintenance Funds.

G. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES FOR AIRFIELD, ROADWAY, AND HORIZONTAL CONSTRUCTION PROJECTS AGREEMENT WITH LOYAL WINGMAN, LLC FOR W-00493 STAFF EXTENSION AND OAR SERVICES FOR CONSTRUCTION AND ENGINEERING PROJECTS, AT THE ORLANDO INTERNATIONAL AIRPORT.**
[A handout was presented, which includes a Revised Memorandum, and New Backup.] Mr. Nguyen presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Dennis, vote carried to approve an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects Agreement with Loyal Wingman, LLC for W-00493 Staff Extension and OAR Services for Construction and Engineering Projects, for the total not-to-exceed fees amount of $109,876.00, with funding from previously-approved Operations and Maintenance Funds.

H. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH COST MANAGEMENT INC. DBA CMI TO PROVIDE OAR SERVICES FOR R-00096 MCO SKYLIGHT REPAIRS AT GREAT HALL, AT THE ORLANDO INTERNATIONAL AIRPORT.**
This item was deferred.

I. **REQUEST FOR APPROVAL OF CONTRACTOR FINAL PAYMENT AUTHORIZATION FOR V-S00019 STC LST AOC BUILDOUT, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Shedek presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried to approve Contractor Final Payment Authorization V-S00019 STC LST AOC Buildout, at the Orlando International Airport.

J. **REQUEST FOR APPROVAL OF CONTRACTOR FINAL PAYMENT AUTHORIZATION FOR V-S00020 STC LST VRC INFRASTRUCTURE, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Shedek presented the memorandum, dated June 4, 2024. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Dennis, vote carried to approve Contractor Final Payment Authorization V-S00020 STC LST VRC Infrastructure Installation, at the Orlando International Airport.

INFORMATION ITEMS
The following items were presented for information only:

A. Field Change Order Log

ANNOUNCEMENT

Chair Shedek announced that the Construction Committee meeting scheduled for June 11, 2024, is cancelled. The next regularly scheduled Construction Committee meeting is June 18, 2024.

ADJOURNMENT

There being no further business for discussion, the meeting was adjourned at 9:22 a.m.

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Scott Shedek, Chair
Construction Committee
Vice President, Construction

On **TUESDAY, JUNE 18, 2024,** the **CONSTRUCTION COMMITTEE** of the Greater Orlando Aviation Authority met at the Orlando International Airport in the Carl T. Langford Board Room, One Jeff Fuqua Blvd., Orlando, FL 32827. Chair Shedek called the meeting to order at 9:00 a.m. Chair Shedek read the Lobbyist Disclosure and the Appeals Statement. The meeting was posted in accordance with Florida Statutes and a quorum was present. All Construction Committee members confirmed no violations regarding the Aviation Authority's Code of Ethics and Business Conduct; lobbying activities policy; or the Florida Sunshine law with regards to any agenda item.

Committee members present:

Scott Shedek, Chair
Marie Dennis, Deputy Chief Financial Officer, Finance
Keila Walker-Denis, Interim Vice President, Information Technology

Also participating:

Karen Ryan, Legal Counsel (Nelson Mullins Riley & Scarborough)
Torie Brooks, GOAA Construction
Tuan Nguyen, GOAA Engineering
Jamie McGonagill, Geotech Consultants International, Inc. dba GCI, Inc.
Don Corthell, PSA Constructors, Inc. dba PSA Management, Inc.
Drew Erickson, Jacobs Project Management Co.
Brian Gainous, Cost Management, Inc. dba CMI
Nils Johnson, Chace Construction Services, LLC
Fransheska Brown, Recording Secretary
Jazmin Stevens, Transcription Secretary

CONSIDERATION OF MINUTES

A. Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve the Construction Committee Minutes from the meeting held on April 30, 2024, as presented.

B. Upon motion of Ms. Walker-Denis, second by Ms. Dennis, vote carried to approve the Construction Committee Minutes from the meeting held on May 7, 2024, as presented.

CHANGE ORDERS

A. **CHANGE ORDER BP-S00196-02 VARIOUS REVISIONS.** Mr. Erickson presented the request for Change Order No. 02 on BP-S00196, South Terminal C, Phase 1X - Airfield Civil, Apron and Taxiway Paving and Ground Support Facility Building, with Prince Contracting, LLC. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve Change Order BP-S00196-02, South Terminal C, Phase 1X - Airfield Civil, Apron and Taxiway Paving and Ground Support Facility Building, with Prince Contracting, LLC. for the total amount of $156,976.78, and no time extension, with funding from FAA BIL AIG and FDOT Grants to the extent eligible (deductive Line Item Nos. 3 and 4 only), Passenger Facility Charges to the extent eligible, and General Airport Revenue Bonds.

B. **CHANGE ORDER BP-S00196-03 VARIOUS REVISIONS.** Mr. Erickson presented the request for Change Order No. 03 on BP-S00196, South Terminal C, Phase 1X - Airfield Civil, Apron and Taxiway Paving and Ground Support Facility Building, with Prince Contracting, LLC. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Dennis, vote carried to approve Change Order BP-S00196-03, South Terminal C, Phase 1X - Airfield Civil, Apron and Taxiway Paving and Ground Support Facility Building, with Prince Contracting, LLC. for the total amount of $13,450.00, and no time extension, with funding from General Airport Revenue Bonds.

C. **CHANGE ORDER E-00280-01 VARIOUS REVISIONS.** Mr. Corthell presented the request for Change Order No. 01 on E-00280, West Airfield Electrical Upgrades, with H.L. Pruitt Corporation. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve Change Order E-00280-01, West Airfield Electrical Upgrades, with H.L. Pruitt Corporation, for the total deductive amount of ($92,054.82), and no time extension, with funding from previously-approved Capital Expenditure Funds.

D. **CHANGE ORDER E-00281-02 VARIOUS REVISIONS.** Mr. McGonagill presented the request for Change Order No. 02 on E-00281, Airside 4 PA System Upgrade, with Quality Cable Contractors, Inc. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Dennis, vote carried approve Change Order E-00281-02, Airside 4 PA System Upgrade, with Quality Cable Contractors, Inc., for the total amount of $26,565.92, and no time extension, with funding from previously-approved Capital Expenditure Funds.

E. **CHANGE ORDER L-00080-02 VARIOUS REVISIONS.** Mr. Corthell presented the request for Change Order No. 02 on L-00080, ACS/REX Buttons Replacement, with Quality Cable Contractors, Inc. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried approve Change Order L-00080-02, ACS/REX Buttons Replacement, with Quality Cable Contractors, Inc., for the total amount of $63,851.17, and no time extension, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

F. **CHANGE ORDER V-01007-01 VARIOUS REVISIONS.** Mr. Corthell presented the request for Change Order No. 01 on V-01007 Terminal B Area 4 Level 2 Baggage Handling System Roof Repair, with H.W. Davis Construction, Inc. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Dennis, vote carried approve Change Order V-01007-01, Terminal B Area 4 Level 2 Baggage Handling System Roof Repair, with H.W. Davis Construction, Inc., for the total amount of $10,477.00, and no time extension, with funding from previously-approved Operations and Maintenance Funds.

G. **CHANGE ORDER V-01011-05 REPAIR ROOF LEAKS.** Mr. Johnson presented the request for Change Order No. 05 on V-01011, Airside 4 60's Wing Renovations (Design/Build), with Gomez Construction Company. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Dennis, vote carried approve Change Order V-01011-05, Airside 4 60's Wing Renovations (Design/Build), with Gomez Construction Company, for the total amount of $103,189.45, and no time extension, with funding from previously-approved Capital Expenditure Funds.

NEW BUSINESS

A. **REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH H.W. DAVIS CONSTRUCTION, INC. FOR V-00990 BHS HIGH SPEED DIVERTER UPGRADE, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Corthell presented the memorandum, dated June 18, 2024. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with H.W. Davis Construction, Inc. for V-00990 BHS High Speed Diverter Upgrade, for the total direct-negotiated amount of $172,974.00 and waive the requirement for Performance and Payment Bonds, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

B. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING CIVIL ENGINEERING SERVICES AGREEMENT WITH AVCON, INC. FOR DESIGN SERVICES FOR V-01031 ORL AIRPORT BEACON REPLACEMENT, AT THE ORLANDO EXECUTIVE AIRPORT.**
Mr. Nguyen presented the memorandum, dated June 18, 2024. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for Design Services for V-01031 ORL Airport Beacon Replacement, for the total amount of $57,752.00, which includes the not-to-exceed fees amount of $55,237.00 and the not-to-exceed expenses amount of $2,515.00, with funding from FDOT Grants to the extent eligible, and previously-approved ORL Revenue Funds.

C. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 16 TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH PSA CONSTRUCTORS, INC. DBA PSA MANAGEMENT, INC. FOR ADDITIONAL CONSTRUCTION PHASE OAR SERVICES FOR L-00080 MCO ACS/REX BUTTONS REPLACEMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Brooks presented the memorandum, dated June 18, 2024. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve an Amendment to Addendum No. 16 to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc. dba PSA Management, Inc. for additional Construction Phase OAR Services for L-00080 MCO ACS/REX Buttons Replacement, for the total amount of $7,724.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

D. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH COST MANAGEMENT INC. DBA CMI TO PROVIDE OWNER'S AUTHORIZED REPRESENTATIVE (OAR) SERVICES FOR R-00096 MCO SKYLIGHT REPAIRS AT GREAT HALL, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Brooks presented the memorandum, dated June 18, 2024. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Dennis, vote carried approve an Addendum to the Continuing Program and Project Management Services Agreement with Cost Management Inc. dba CMI to provide Owner's Authorized Representative (OAR) Services for R-00096 MCO Skylight Repairs at Great Hall, for the total not-to-exceed fees amount of $4,000.00, with funding from previously-approved Capital Expenditure Funds.

E. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH PSA CONSTRUCTORS, INC., DBA PSA MANAGEMENT, INC. FOR CONSTRUCTION PHASE OAR SERVICES FOR V-00990 BHS HIGH SPEED DIVERTER (HSD) UPGRADE, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Brooks presented the memorandum, dated June 18, 2024. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve an Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc., dba PSA Management, Inc. for Construction Phase OAR Services for V-00990 BHS High Speed Diverter (HSD) Upgrade, for the total not-to-exceed fees amount of $44,787.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

F. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 20 TO THE ARCHITECT OF RECORD FOR SOUTH TERMINAL C-PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR DESIGN, BID, AND AWARD SERVICES FOR THE NEGATIVE KVAR CORRECTIONS FOR W-S00110 SOUTH TERMINAL C, PHASE 1-ARCHITECT OF RECORD (AND MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Merck presented the memorandum, dated June 18, 2024. Discussion ensued.

Upon motion of Ms. Dennis, second by Ms. Walker-Denis, vote carried to approve an Amendment to Addendum No. 20 to the Architect of Record for South Terminal C-Phase 1 Agreement with HNTB Corporation for Design, Bid, and Award Services for the Negative KVAR Corrections for W-S00110 South Terminal C, Phase 1-Architect of Record (and Major Subs), for the total not-to-exceed fees amount of $35,228.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

INFORMATION ITEMS
The following items were presented for information only:

A. Field Change Order Log

B. Revised Backup for the Recommendation of Approval of an Amendment to Addendum No. 22 to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for W-00497 North Terminal Refresh Program Oversight, at the Orlando International Airport. [From the Construction Committee on February 6, 2024, Item No. IV-G].

C. Revised Memorandum for the Approval of an Amendment to the Purchase Order to TK Elevator Corporation for Purchase Order No. 1007440 for V-S00038 Terminal C Level 2 Moving Walks (Design/Build), at the Orlando International Airport. [From the Construction Committee on May 28, 2024, Item No. IV-E].

ADJOURNMENT

No public comments were made during the meeting. There being no further business for discussion, the meeting was adjourned at 9:21 a.m.

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Scott Shedek, Chair
Construction Committee
Vice President, Construction

On **TUESDAY, JUNE 25, 2024,** the **CONSTRUCTION COMMITTEE** of the Greater Orlando Aviation Authority met at the Orlando International Airport in the Carl T. Langford Board Room, One Jeff Fuqua Blvd., Orlando, FL 32827. Chair Shedek called the meeting to order at 9:00 a.m. Chair Shedek read the Lobbyist Disclosure and the Appeals Statement. The meeting was posted in accordance with Florida Statutes and a quorum was present. All Construction Committee members confirmed no violations regarding the Aviation Authority's Code of Ethics and Business Conduct; lobbying activities policy; or the Florida Sunshine law with regards to any agenda item.

Committee members present:

Scott Shedek, Chair
Gary Hunt, Vice President, Facilities
Melvin Martinez, Assistant Vice President, Construction Finance
Tricia Cottman, Vice President, Risk Management
Keila Walker-Denis, Interim Vice President, Information Technology

Also participating:

Karen Ryan, Legal Counsel (Nelson Mullins Riley & Scarborough)
Rob Furr, GOAA, Vice President, Engineering and Architecture
Don Corthell, PSA Constructors, Inc. dba PSA Management, Inc.
Colin Paterson, The Roderick Group, Inc. dba Ardmore Roderick
Brian Gainous, Cost Management, Inc. dba CMI
Nils Johnson, Chace Construction Services, LLC
Jazmin Stevens, Recording Secretary

CONSIDERATION OF MINIUTES

A. *This item was deferred*.

B. *This item was deferred*.

CHANGE ORDERS

A. **CHANGE ORDER H-S00029-07 VARIOUS REVISIONS.**
This item was deferred.

B. **CHANGE ORDER V-00974-04 FINAL ALLOWANCE RECONCILLIATION.** Mr. Johnson presented the request for Change Order No. 04 on V-00974, Airside 2 and 4 Continuity of Operations Plan (COOP) (Design/Build), with Gomez Construction Company. Discussion ensued.

Upon motion of Mr. Martinez, second by Mr. Hunt, vote carried to approve Change Order V-00974-04, Airside 2 and 4 Continuity of Operations Plan (COOP) (Design/Build), with Gomez Construction Company, for the total deductive amount of ($73,090.85), and no time extension, with funding credited to Line of Credit to be reimbursed with future General Airport Revenue Bonds.

C. **CHANGE ORDER V-00982-01 VARIOUS REVISIONS.** Mr. Corthell presented the request for Change Order No. 01 on V-00982, Campus Key and Lock Replacement, with H.A. Contracting Corporation. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Walker-Denis, vote carried to approve Change Order V-00982-01, Campus Key and Lock Replacement, with H.A. Contracting Corporation, for the total amount of $42,638.94, and no time extension, with funding from FDOT Grants to the extent eligible and Line of Credit to be reimbursed by General Airport Revenue Bonds.

D. **CHANGE ORDER V-01005-02 INTEGRATION SERVICES.** Mr. Furr presented the request for Change Order No. 02 on V-01005, Carl T. Langford Boardroom Improvements, with Collage Design and Construction Group, Inc. dba The Collage Companies. Discussion ensued.

Upon motion of Ms. Cottman, second by Mr. Martinez, vote carried to approve Change Order V-01005-02, Carl T. Langford Boardroom Improvements, with Collage Design and Construction Group, Inc. dba The Collage Companies, for the total amount of $1,564.46, and no time extension, with funding from previously-approved Capital Expenditure Funds.

E. **CHANGE ORDER V-01011-06 VARIOUS REVISIONS.** Mr. Johnson presented the request for Change Order No. 06 on V-01011, Airside 4 60's Wing Renovations (Design/Build), with Gomez Construction Company. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Walker-Denis, vote carried to approve Change Order V-01011-06, Airside 4 60's Wing Renovations (Design/Build), with Gomez Construction Company, for the total amount of $5,289.83, and no time extension, with funding from previously-approved Capital Expenditure Funds, and Line of Credit to be reimbursed with General Airport Revenue Bonds.

F. **CHANGE ORDER V-01011-07 DRYWALL REMOVAL.** Mr. Johnson presented the request for Change Order No. 07 on V-01011, Airside 4 60's Wing Renovations (Design/Build), with Gomez Construction Company. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Mr. Hunt, vote carried to approve Change Order V-01011-07, Airside 4 60's Wing Renovations (Design/Build), with Gomez Construction Company, for the total amount of $31,267.15, and no time extension, with funding from previously-approved Capital Expenditure Funds.

G. **CHANGE ORDER V-01013-01 STAIRWAY LANDINGS INSTALLATION.** Mr. Paterson presented the request for Change Order No. 01 on V-01013, Airside 1 Wings 4 and 5 Ramp Level Common Corridors and Stairways, with H. W. Davis Construction, Inc. Discussion ensued.

Upon motion of Ms. Cottman, second by Mr. Martinez, vote carried to approve Change Order V-01011-13, Airside 1 Wings 4 and 5 Ramp Level Common Corridors and Stairways, with H. W. Davis Construction, Inc., for the total amount of $4,095.00, and no time extension, with funding from previously-approved Capital Expenditure Funds.

NEW BUSINESS

A. **REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING HORIZONTAL CONSTRUCTION SERVICES AGREEMENT WITH CARR AND COLLIER INC. FOR H-00374, TRITURATOR SEWER LINE REPLACEMENT (DESIGN/BUILD), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Gainous presented the memorandum, dated June 25, 2024. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Walker-Denis, vote carried to approve a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with Carr and Collier Inc. for H-00374, Triturator Sewer Line Replacement (Design/Build), for the total direct-negotiated amount of $190,027.75, with funding from previously-approved Capital Expenditure Funds.

B. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH GEOTECH CONSULTANTS INTERNATIONAL, INC. DBA GCI, INC. TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR H-00374, TRITURATOR SEWER LINE REPLACEMENT (DESIGN/BUILD), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Shedek presented the memorandum, dated June 25, 2024. Discussion ensued.

Upon motion of Mr. Martinez, second by Mr. Hunt, vote carried to approve an Addendum to the Continuing Program and Project Management Services Agreement with Geotech Consultants International, Inc. dba GCI Inc. to provide Construction Phase OAR Services for H-00374, Triturator Sewer Line Replacement (Design/Build), for the total not-to-exceed fees amount of $19,130.00, with funding from previously-approved Capital Expenditure Funds.

C. **CONTRACTOR FINAL PAYMENT AUTHORIZATION FOR E-00269, AIRSIDE 4 FIS COMMUNICATIONS UPGRADES, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Shedek presented the memorandum, dated June 25, 2024. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried to approve Contractor Final Payment Authorization for E-00269, Airside 4 FIS Communications Upgrades, at the Orlando International Airport.

D. **CONSULTANT FINAL PAYMENT AUTHORIZATION FOR W-00072, NEGOTIATED SETTLEMENT ORL REMEDIATION OF DAYRON PLUME, AT THE ORLANDO EXECUTIVE AIRPORT.**
This item was deferred.

INFORMATION ITEMS
The following items were presented for information only:

A. Field Change Order Log

B. Revised Backup for the Recommendation of Approval of an Addendum No. 22 to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for Additional Design Phase services for W-00497 North Terminal Refresh Program Oversight, at the Orlando International Airport. [From the Construction Committee on February 6, 2024, Item No. IV-G].

C. New Small Business Participation Memorandum for the Request for Approval of an Amendment to Addendum No. 20 to the Architect of Record for South Terminal C -Phase 1 Agreement with HNTB Corporation for Design, Bid, and Award Services for the Negative KVAR Corrections for W-S00110 South Terminal C, Phase 1 - Architect of Record (& Major Subs), at the Orlando International Airport. [From the Construction Committee on June 18, 2024, Item No. IV-F].

ADJOURNMENT
No public comments were made during the meeting. There being no further business for discussion, the meeting was adjourned at 9:15 a.m.

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Scott Shedek, Chair
Construction Committee
Vice President, Construction

On **TUESDAY, JULY 02, 2024,** the **CONSTRUCTION COMMITTEE** of the Greater Orlando Aviation Authority met at the Orlando International Airport in the Carl T. Langford Board Room, One Jeff Fuqua Blvd., Orlando, FL 32827. Chair Shedek called the meeting to order at 9:00 a.m. Chair Shedek read the Lobbyist Disclosure and the Appeals Statement. The meeting was posted in accordance with Florida Statutes and a quorum was present. All Construction Committee members confirmed no violations regarding the Aviation Authority's Code of Ethics and Business Conduct; lobbying activities policy; or the Florida Sunshine law with regards to any agenda item.

Committee members present:

Scott Shedek, Chair
Gary Hunt, Vice President, Facilities
Melvin Martinez, Assistant Vice President, Construction Finance
Tricia Cottman, Vice President, Risk Management
Keila Walker-Denis, Interim Vice President, Information Technology

Also participating:

Karen Ryan, Legal Counsel (Nelson Mullins Riley & Scarborough)
Rob Furr, GOAA, Vice President, Engineering and Architecture
Don Corthell, PSA Constructors, Inc. dba PSA Management, Inc.
Colin Paterson, The Roderick Group, Inc. dba Ardmore Roderick
Brian Gainous, Cost Management, Inc. dba CMI
Nils Johnson, Chace Construction Services, LLC
Jazmin Stevens, Recording Secretary

CONSIDERATION OF MINIUTES

A. Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried to approve the Construction Committee Minutes from the meeting held on May 14, 2024, as presented.

B. Upon motion of Mr. Martinez, second by Mr. Hunt, vote carried to approve the Construction Committee Minutes from the meeting held on May 21, 2024, as presented.

CHANGE ORDERS

A. **CHANGE ORDER BP-S00195-41 VARIOUS REVISIONS.** Mr. Volpe presented the request for Change Order No. 41 on BP-S00195, South Terminal C, Phase 1X – Airside Concourse, with Hensel Phelps Construction Co. dba Hensel Phelps Construction. Discussion ensued.

Upon motion of Mr. Martinez, second by Ms. Walker-Denis, vote carried to approve Change Order BP-S00195-41, South Terminal C, Phase 1X – Airside Concourse, with Hensel Phelps Construction Co. dba Hensel Phelps Construction, for the total amount of $78,028.00, and no time extension, with funding from Passenger Facility Charges to the extent eligible, and General Airport Revenue Bonds.

B. **CHANGE ORDER H-S00029-07 VARIOUS REVISIONS.** Mr. Brown presented the request for Change Order No. 07 on H-S00029, Airfield Civil Restart Enabling Work, with The Middlesex Corporation. Discussion ensued.

Upon motion of Ms. Cottman, second by Mr. Martinez, vote carried to approve Change Order H-S00029-07, Airfield Civil Restart Enabling Work, with The Middlesex Corporation, for the total amount of $161,291.31, and no time extension, with funding from Passenger Facility Charges to the extent eligible, and General Airport Revenue Bonds.

NEW BUSINESS

A. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 11 TO THE CONTINUING ENVIRONMENTAL ENGINEERING SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR ADDITIONAL SERVICES REQUIRED FOR PREPARATION/SUBMITTAL OF PARM REPORT AT THE FORMER DAYRON FACILITY FOR W-00072, ORL REMEDIATION OF DAYRON PLUME, AT THE ORLANDO EXECUTIVE AIRPORT.**
Ms. O' Brien presented the memorandum, dated July 02, 2024. Discussion ensued.

CC
ITEM II-D
8/6/2024

Upon motion of Mr. Hunt, second by Ms. Walker-Denis, vote carried to approve an Amendment to Addendum No. 11 to the Continuing Environmental Engineering Services Agreement with AECOM Technical Services, Inc. for additional services required for Preparation/Submittal of PARM Report at the Former Dayron Facility for W-00072, ORL Remediation of Dayron Plume, for the total not-to-exceed fees amount of $1,433.50, with funding from ORL DFO Dayron.

B. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 08 TO THE CONTINUING ARCHITECTURAL SERVICES AGREEMENT WITH MLM-MARTIN ARCHITECTS, INC. FOR DESIGN, BID, AND AWARD AND CONSTRUCTION ADMINISTRATION SERVICES FOR W-S00159, TERMINAL C LANDSCAPING PROJECT DESIGN AND PROGRAM OVERSIGHT SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Merck presented the memorandum, dated July 02, 2024. Discussion ensued.

Upon motion of Mr. Hunt, second by Ms. Cottman, vote carried to approve an Amendment to Addendum No. 08 to the Continuing Architectural Services Agreement with MLM-Martin Architects, Inc. for Design, Bid and Award and Construction Administration Services for W-S00159, Terminal C Landscaping Project Design and Program Oversight Services, for the total not-to-exceed fees amount of $36,560.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds and Customer Facility Charges to the extent eligible.

C. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH PSA CONSTRUCTORS, INC., DBA PSA MANAGEMENT, INC. FOR CONSTRUCTION PHASE OAR SERVICES FOR V-S00046, TERMINAL C ENHANCEMENTS HEADACHE BARS, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Shedek presented the memorandum, dated July 02, 2024. Discussion ensued.

Upon motion of Mr. Martinez, second by Ms. Walker-Denis, vote carried to approve an Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc., dba Management, Inc. for Construction Phase OAR Services for V-S00046, Terminal C Enhancements Headache Bars, for the total not-to-exceed fees amount of $28,052.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

INFORMATION ITEMS
The following items were presented for information only:

A. Field Change Order Log

B. Revised Back and Memorandum for the Recommendation of Approval of an Addendum to the General Consulting Services Agreement with Ricondo & Associates, Inc. for W-00500 Master Plan Update Services, at the Orlando Executive Airport. [From the Construction Committee on January 1, 2024, Item No. IV-F].

C. Information Item to Addenda Nos. 1, 2, 3 and 4 to the Executive Program Management and Oversight Services with Jacobs Project Management Co. for Terminal C Programs (W-S00149) retroactive payment items, at the Orlando International Airport. [From the Construction Committee on May 7, 2024, Item No. IV-A].

ADJOURNMENT
No public comments were made during the meeting. There being no further business for discussion, the meeting was adjourned at 9:11 a.m.

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Scott Shedek, Chair
Construction Committee
Vice President, Construction

On **TUESDAY, JULY 16, 2024,** the **CONSTRUCTION COMMITTEE** of the Greater Orlando Aviation Authority met at the Orlando International Airport in the Carl T. Langford Board Room, One Jeff Fuqua Blvd., Orlando, FL 32827. Chair Shedek called the meeting to order at 9:03 a.m. Chair Shedek read the Lobbyist Disclosure and the Appeals Statement. The meeting was posted in accordance with Florida Statutes and a quorum was present. All Construction Committee members confirmed no violations regarding the Aviation Authority's Code of Ethics and Business Conduct; lobbying activities policy; or the Florida Sunshine law with regards to any agenda item.

Committee members present:

Scott Shedek, Chair
Keila Walker-Denis, Interim Vice President, Information Technology
Tricia Cottman, Vice President, Risk Management

Also participating:

Karen Ryan, Legal Counsel (Nelson Mullins Riley & Scarborough)
Torie Brooks, GOAA Construction
Arlene Grant, GOAA Engineering and Construction
Ian Brooks, GOAA Information Technology
Jackie Chin, GOAA Airline Relations
Brittany Davis, The Roderick Group, Inc. dba Ardmore Roderick
Jamie McGonagill, Geotech Consultants International, Inc. dba GCI, Inc.
Gonzalo LaRivera, The Roderick Group, Inc. dba Ardmore Roderick
Ksenia Merck, K. Merck & Associates
John Volpe, Jacobs Project Management Co.
Jazmin Stevens, Recording Secretary

CONSIDERATION OF MINIUTES

A. Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve the Construction Committee Minutes from the meeting held on May 28, 2024, as presented.

CHANGE ORDERS

A. **CHANGE ORDER BP-00049-02 FINAL QUANTITY ADJUSTMENTS.** Ms. Davis presented the request for Change Order No. 42 on BP-00049, ORL Taxiways A, B, and E4 Rehabilitation, with The Middlesex Corporation. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Cottman, vote carried to approve Change Order BP-00049-02, ORL Taxiways A, B, and E4 Rehabilitation, with The Middlesex Corporation, for the total deductive amount of ($277,142.96), and an 85 calendar day time extension to Final Completion, with funding from FAA and FDOT Grants to the extent eligible, and ORL Revenue Funds.

B. **CHANGE ORDER BP-S00193-13 BOND RECONCILIATION.** Mr. McGonagill presented the request for Change Order No. 13 on BP-S00193, South Employee Lot, with McCree Design Builders, Inc. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve Change Order BP-S00193-13, South Employee Lot, with McCree Design Builders, Inc., for the total amount of $1,986.00, and no time extension, with funding from General Airport Revenue Bonds.

C. **CHANGE ORDER L-00086-01 FINAL QUANTITIES ADJUSTMENT AMOUNT.** [*A handout was presented, which includes a revised Coversheet.]* Mr. Brooks presented the request for Change Order No. 01 on L-00086, On-Call Low Voltage Services (FY24-Atlantis), with Atlantis Electrical Systems, LLC. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve Change Order L-00086-01, On-Call Low Voltage Services, with Atlantis Electrical Systems, LLC, for the total deductive amount of ($181,811.32), and no time extension, with funding from previously-approved Operations and Maintenance Funds.

D. **CHANGE ORDER V-01011-08 INSTALL PORCELAIN TILE.**
This item was deferred.

NEW BUSINESS

A. **REQUEST FOR APPROVAL OF THE PURCHASE OF 22 LIGHTING FIXTURES FROM SESCO LIGHTING FOR SOLICITATION NO. 24-204-IFB FOR BP-00485, HYATT LOBBY RENOVATION DESIGN/BUILD, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Grant presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Cottman, vote carried to approve the Purchase of 22 Lighting Fixtures from Sesco Lighting for Solicitation No. 24-204-IFB for BP-00485, Hyatt Lobby Renovation Design/Build, for the total lump sum amount of $146,715.26, with funding from previously-approved Capital Expenditure Funds.

B. **REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING ON-CALL LOW VOLTAGE CONSTRUCTION SERVICES AGREEMENT, WITH ORLANDO BUSINESS TELEPHONE SERVICES, INC. FOR L-00095, LIDAR INFRASTRUCTURE (QUE MANGEMENT SYSTEM), AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. Brooks presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve an Addendum to the Continuing On-Call Low Voltage Construction Services Agreement, with Orlando Business Telephone Services, Inc. for L-00095, LiDAR Infrastructure (Que Management System), for the total direct-negotiated amount of $179,003.81 and waive the requirement for Performance and Payment Bonds, with funding from previously-approved Operations and Maintenance Funds.

C. **REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT, WITH COLLAGE DESIGN AND CONSTRUCTION GROUP, INC. DBA THE COLLAGE COMPANIES FOR V-01030, RENOVATION OF PLANNING OFFICES, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Mr. LaRivera presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Cottman, vote carried to approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement, with Collage Design, and Construction Group, Inc. dba The Collage Companies for V-01030, Renovation of Planning Offices, for the total direct-negotiated amount of $89,089.00 and waive the requirement for Performance and Payment Bonds, with funding from previously-approved Capital Expenditure Funds.

D. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING CIVIL ENGINEERING SERVICES AGREEMENT WITH ATKINSREALIS USA, INC. FOR THE GOAA EMPLOYEE PARKING LOT CONCEPT DESIGN SERVICES FOR W-S00151, TERMINAL C ENHANCEMENTS PROGRAM DESIGN AND PROJECT OVERSIGHT SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Merck presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve an Addendum to the Continuing Civil Engineering Services Agreement with AtkinsRealis USA, Inc. for the GOAA Employee Parking Lot Concept Design Services for W-S00151, Terminal C Enhancements Program Design and Project Oversight Services, for the total not-to-exceed fees amount of $16,163.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

E. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ON-CALL ARCHITECTURAL AND ENGINEERING CONSULTING SERVICES AGREEMENT WITH RS&H, INC. FOR THE INFORMATION BOOTH CONCEPT SERVICES FOR W-S00151, TERMINAL C ENHANCEMENTS PROGRAM DESIGN AND PROJECT OVERSIGHT SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Merck presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Cottman, vote carried to approve an Addendum to the Continuing On-Call Architectural and Engineering Consulting Services Agreement with RS&H, Inc. for the

Information Booth Concept Services for W-S00151, Terminal C Enhancements Program Design and Project Oversight Services, for the total not-to-exceed fees amount of $29,784.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

F. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ON-CALL ARCHITECTURAL AND ENGINEERING CONSULTING SERVICES AGREEMENT WITH RS&H, INC. FOR THE OVERSIZED BAGGAGE ROUTE CONCEPT SERVICES FOR W-S00151, TERMINAL C ENHANCEMENTS PROGRAM DESIGN AND PROJECT OVERSIGHT SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Merck presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Cottman, vote carried to approve an Addendum to the Continuing On-Call Architectural and Engineering Consulting Services Agreement with RS&H, Inc. for the Oversized Baggage Route Concept Services for W-S00151, Terminal C Enhancements Program Design and Project Oversight Services, for the total not-to-exceed fees amount of $49,229.00, with funding from Line of Credit to be reimbursed by General Airport Revenue Bonds.

G. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 3 TO THE EXECUTIVE PROGRAM MANAGEMENT AND OVERSIGHT SERVICES FOR TERMINAL C PROGRAMS AGREEMENT WITH JACOBS PROJECT MANAGEMENT CO. FOR MECHANICAL, ELECTRICAL, AND PLUMBING (MEP) COMMISSIONING (CX) AND SMOKE CONTROL CX SCOPE DEVELOPMENT SERVICES FOR TERMINAL C PROGRAMS (W-S00149) FOR BP-S00195, TERMINAL C ASC GATES 250-253, AT THE ORLANDO INTERNATIONAL AIRPORT.**
[A handout was presented, which includes a New Small Business Memorandum.] Mr. Volpe presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve an Amendment to Addendum No. 03 to the Executive Program Management and Oversight Services for Terminal C Programs Agreement with Jacobs Project Management Co. to provide MEP CX and Smoke Control CX Scope Development Services for Terminal C Programs (W-S00149) for BP-S00195, Terminal C ASC Gates 250-253, for the total amount of $248,084.38, which includes the not-to-exceed fees amount of $327,969.40, and the not-to-exceed deductive allowance amount of ($79,885.02), with funding from General Airport Revenue Bonds and Passenger Facility Charges to the extent eligible.

H. **REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC., DBA ARDMORE RODERICK FOR CONSTRUCTION PHASE OWNER'S AUTHORIZED REPRESENTATIVE SERVICES FOR V-01030, RENOVATION OF PLANNING OFFICES, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Brooks presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Walker-Denis, second by Ms. Cottman, vote carried to approve an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Construction Phase Owner’s Authorized Representative Services for V-01030, Renovation of Planning Offices, for the total amount not-to-exceed fees amount of $8,684.00, with funding from previously-approved Capital Expenditure Funds.

I. **REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 44 TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH GEOTECH CONSULTANTS INTERNATIONAL, INC. DBA GCI INC. TO PROVIDE ADDITIONAL CONSTRUCTION PHASE OAR SERVICES FOR V-S00049, COPA AIRLINES RELOCATION, AT THE ORLANDO INTERNATIONAL AIRPORT.**
Ms. Chin presented the memorandum, dated July 16, 2024. Discussion ensued.

Upon motion of Ms. Cottman, second by Ms. Walker-Denis, vote carried to approve an Amendment to Addendum No. 44 to the Continuing Program and Project Management Services Agreement with Geotech Consultants International, Inc. dba GCI Inc. to provide additional Construction Phase OAR services for V-S00049, Copa Airlines Relocation, for the total amount not-to-exceed fees amount of $3,780.00, with funding from General Airport Revenue Bonds.

INFORMATION ITEMS

The following items were presented for information only:

A. Field Change Order Log

ADJOURNMENT

No public comments were made during the meeting. There being no further business for discussion, the meeting was adjourned at 9:21 a.m.

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Scott Shedek, Chair
Construction Committee
Vice President, Construction

CONSTRUCTION COMMITTEE MEETING
CHANGE ORDER AGENDA
Tuesday, August 6, 2024

ITEM	CHANGE ORDER	AMOUNT	TIME IMPACT	DESCRIPTION OF CHANGE
III-A*	BP-00497-01	($46,539.76) ~~($60,181.95)~~	58~~-65~~ (Substantial) 0 (Final)	VARIOUS REVISIONS Taxiways G & H Rehabilitation - Phase 1 **Contractor: Hubbard Construction Company**
III-B	BP-S00195-46	$239,040.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS STC, Phase 1X - Airside Concourse **Contractor: Hensel Phelps Construction Company**
III-C	BP-S00199-14	$213,157.00	0 (Substantial) 228 (Final)	FINAL CHANGE ORDER Train Station PDL Parking Lots (Design/Build) **Contractor: Middlesex Corporation**
III-D*	H-00361-02	$301,055.00	111 (Substantial) 0 (Final)	VARIOUS REVISIONS MCO JFB (Loop Rd.) Terminal B Entrance Reconfiguration (Design/Build) **Contractor: Middlesex Corporation**

***Requires Board approval.**

III-E	V-01017-01	$0.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS HVAC Improvements for GOAA Executive Offices **Contractor: Collage Design and Construction Group Inc. dba The Collage Companies**

***Requires Board approval.**

CONSTRUCTION COMMITTEE MEETING
CHANGE ORDER AGENDA
Tuesday, August 6, 2024

ITEM	CHANGE ORDER	AMOUNT	TIME IMPACT	DESCRIPTION OF CHANGE
III-A*	BP-00497-01	($60,181.95)	65 (Substantial) 0 (Final)	VARIOUS REVISIONS Taxiways G & H Rehabilitation - Phase 1 **Contractor: Hubbard Construction Company**
III-B	BP-S00195-46	$239,040.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS STC, Phase 1X - Airside Concourse **Contractor: Hensel Phelps Construction Company**
III-C	BP-S00199-14	$213,157.00	0 (Substantial) 228 (Final)	FINAL CHANGE ORDER Train Station PDL Parking Lots (Design/Build) **Contractor: Middlesex Corporation**
III-D*	H-00361-02	$301,055.00	111 (Substantial) 0 (Final)	VARIOUS REVISIONS MCO JFB (Loop Rd.) Terminal B Entrance Reconfiguration (Design/Build) **Contractor: Middlesex Corporation**
III-E	V-01017-01	$0.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS HVAC Improvements for GOAA Executive Offices **Contractor: Collage Design and Construction Group Inc. dba The Collage Companies**

CC
ITEM III
8/6/2024

***Requires Board approval.**

GREATER ORLANDO AVIATION AUTHORITY
Innovation Connecting the World

CCM HANDOUT
8/6/2024
Item III-A
Revised Full Item 2

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	Melvin Martinez

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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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.

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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

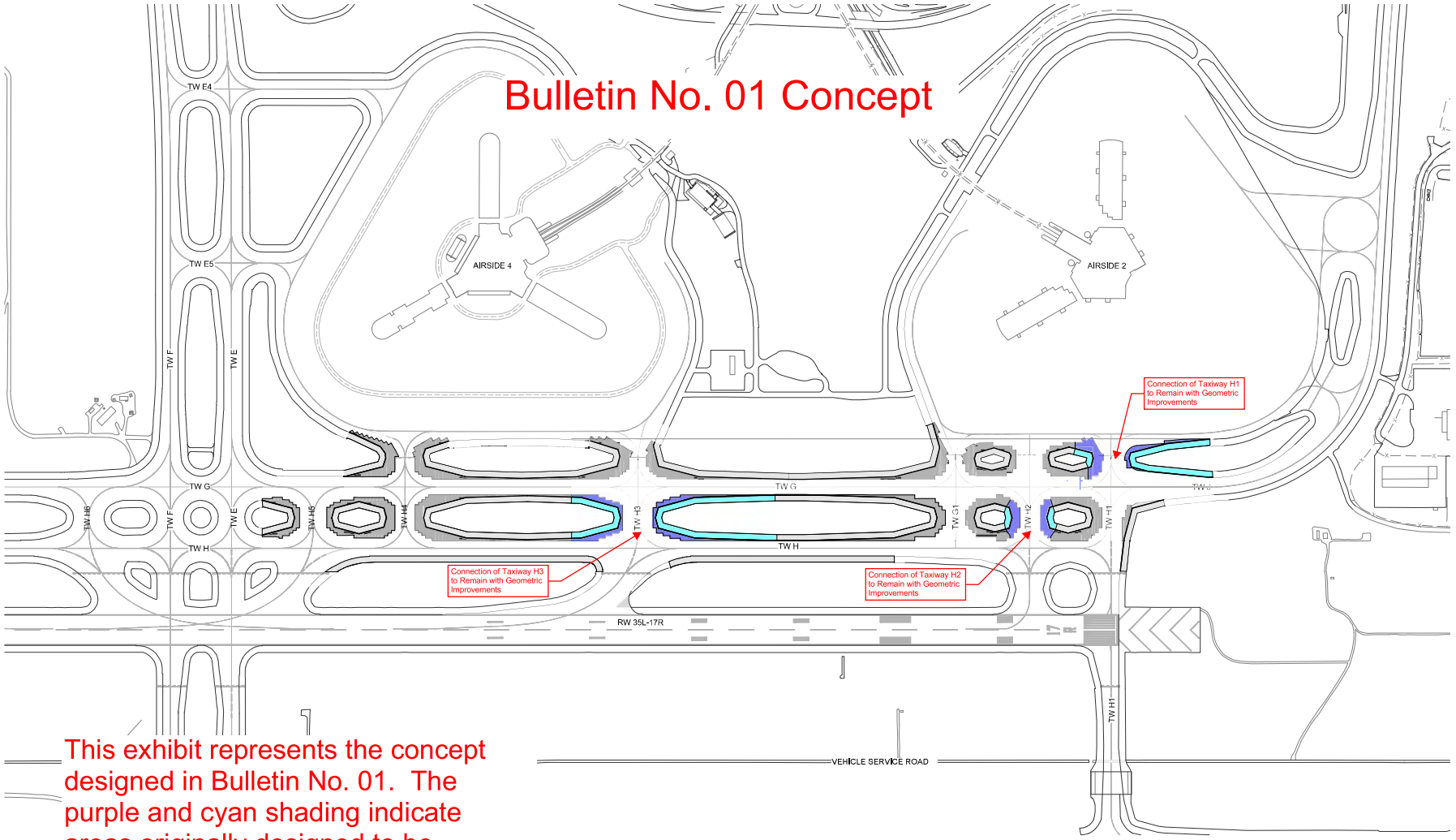
3/24/2024 AECOM/ OAR/ Contractor meeting to review Bulletin No.02 Content

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

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

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: AJubbani
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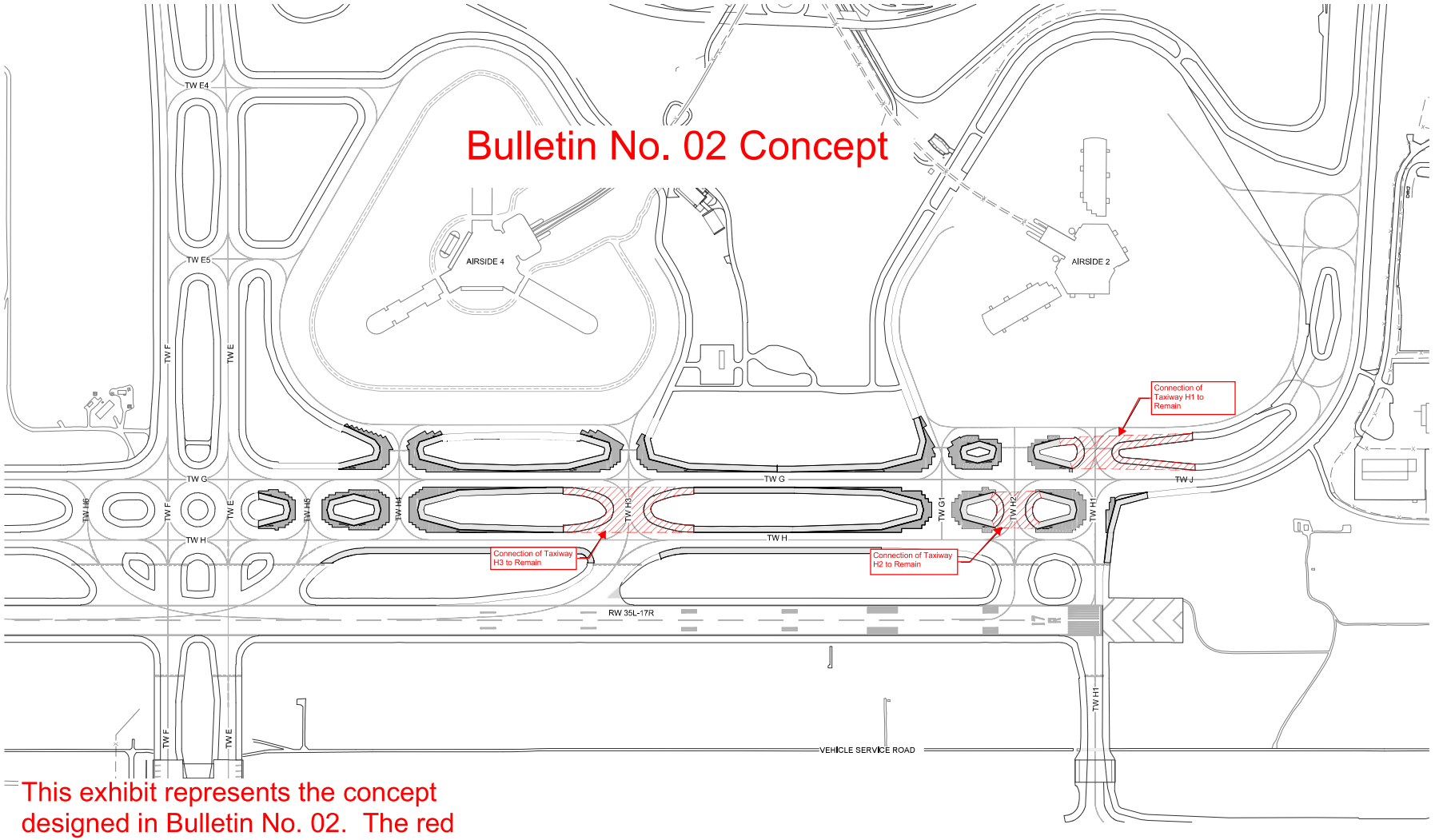
Bulletin No. 02 Concept



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.

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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

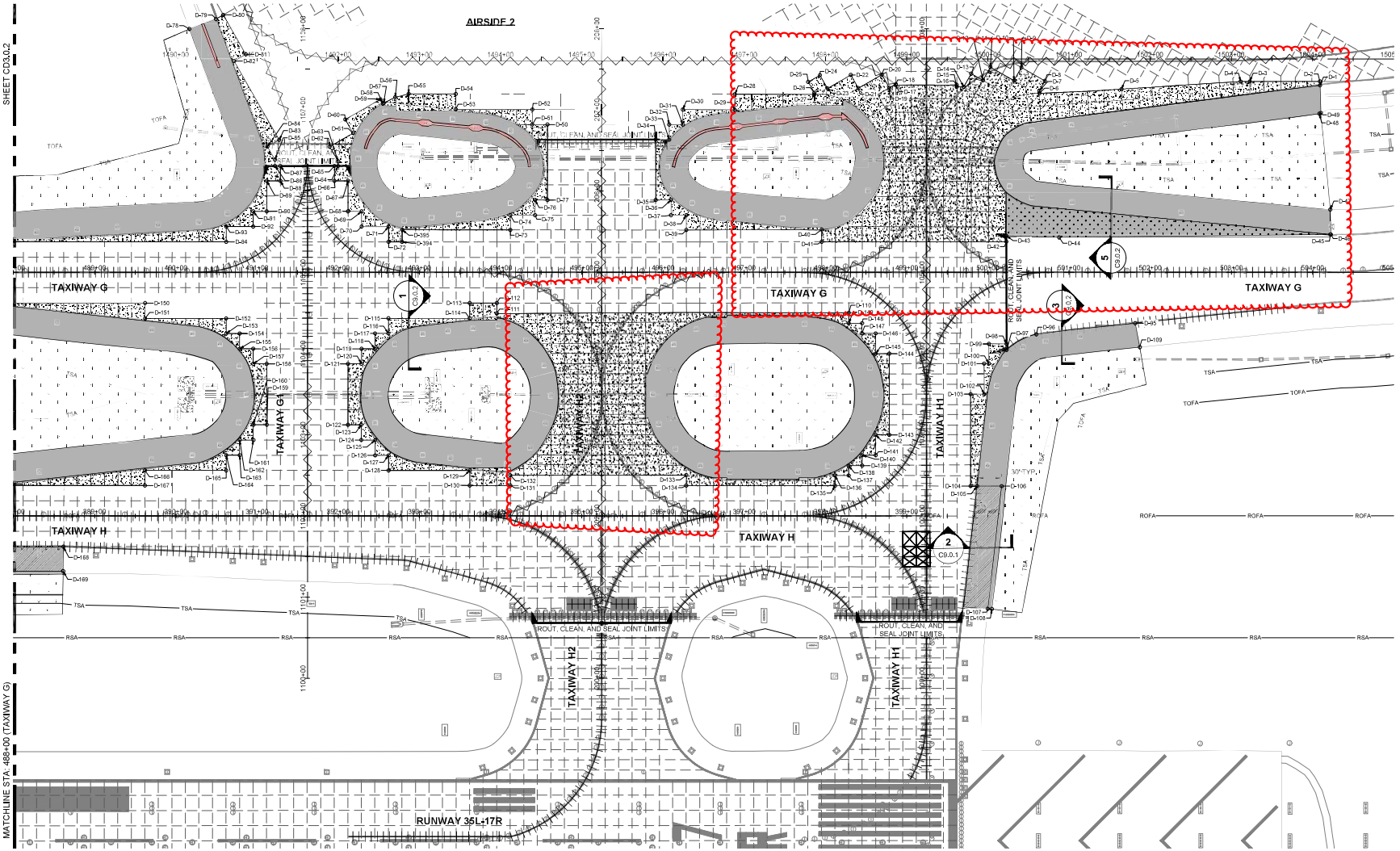
DRAWING TITLE:

BP-497 TW G & H OPTION 01 EXHIBIT

DRAWING NO.

01

Date: Nov 30, 2023 – Time: 6:59 pm – Plotted By: AAubeuni
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)
- 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

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

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

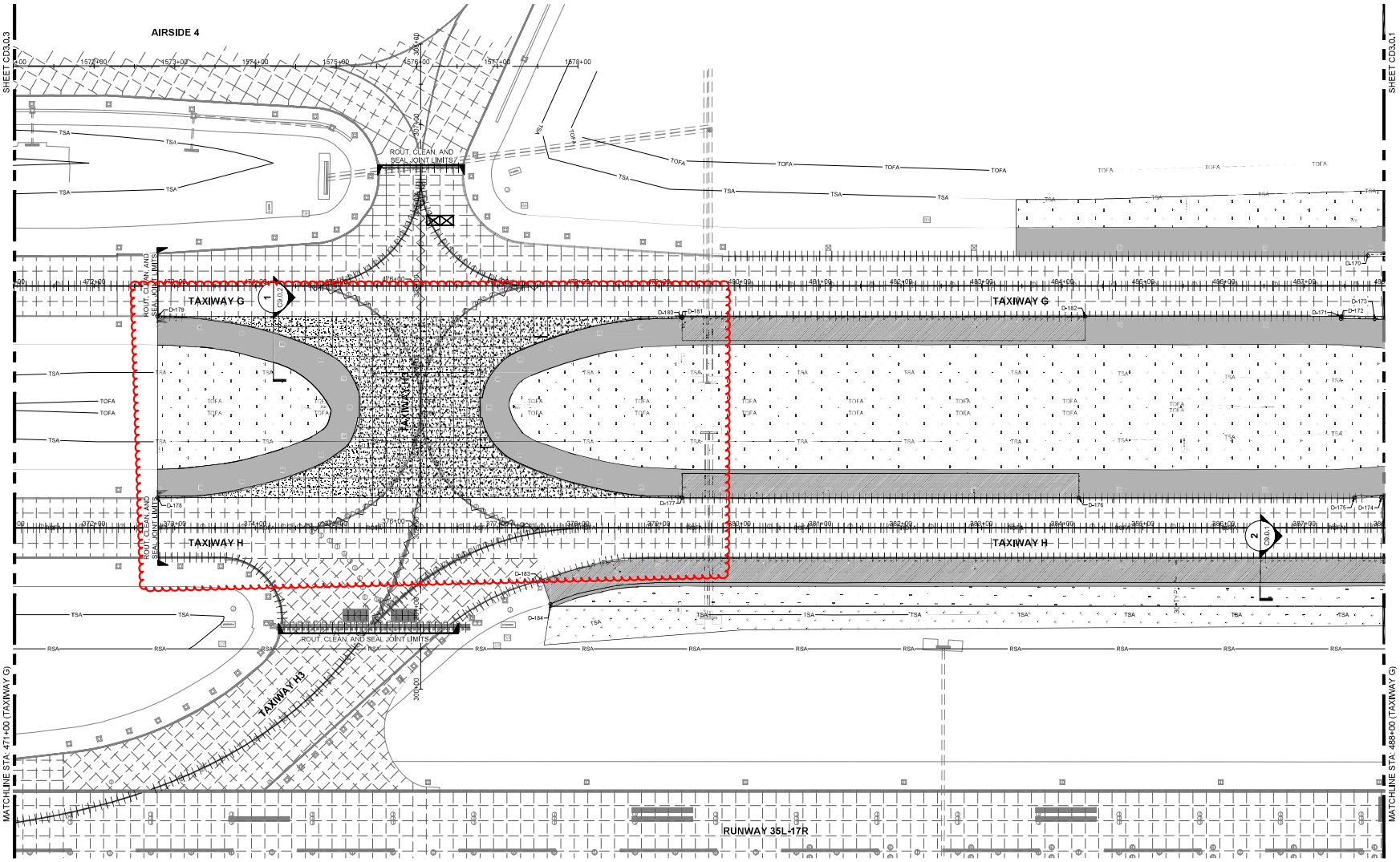
DRAWING TITLE:

DEMOLITION PLAN - BASE BID (1)

DRAWING NO.

CD3.0.1

Date: Nov 07, 2023 - Time: 7:15 am - Plotted By: Gonzalez
Drawing: P:\ALL Projects\60691183 Taxiway G & H Rehab\PCONTW G & H\60691183.sad1.1.dis for w32.tw sdfs-rehab900-sad_gb91bw4>+ dp=497\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

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GREATER ORLANDO AVIATION AUTHORITY

BP-497

TAXIWAYS G & H REHABILITATION - PHASE 1

ORLANDO INTERNATIONAL AIRPORT

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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

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

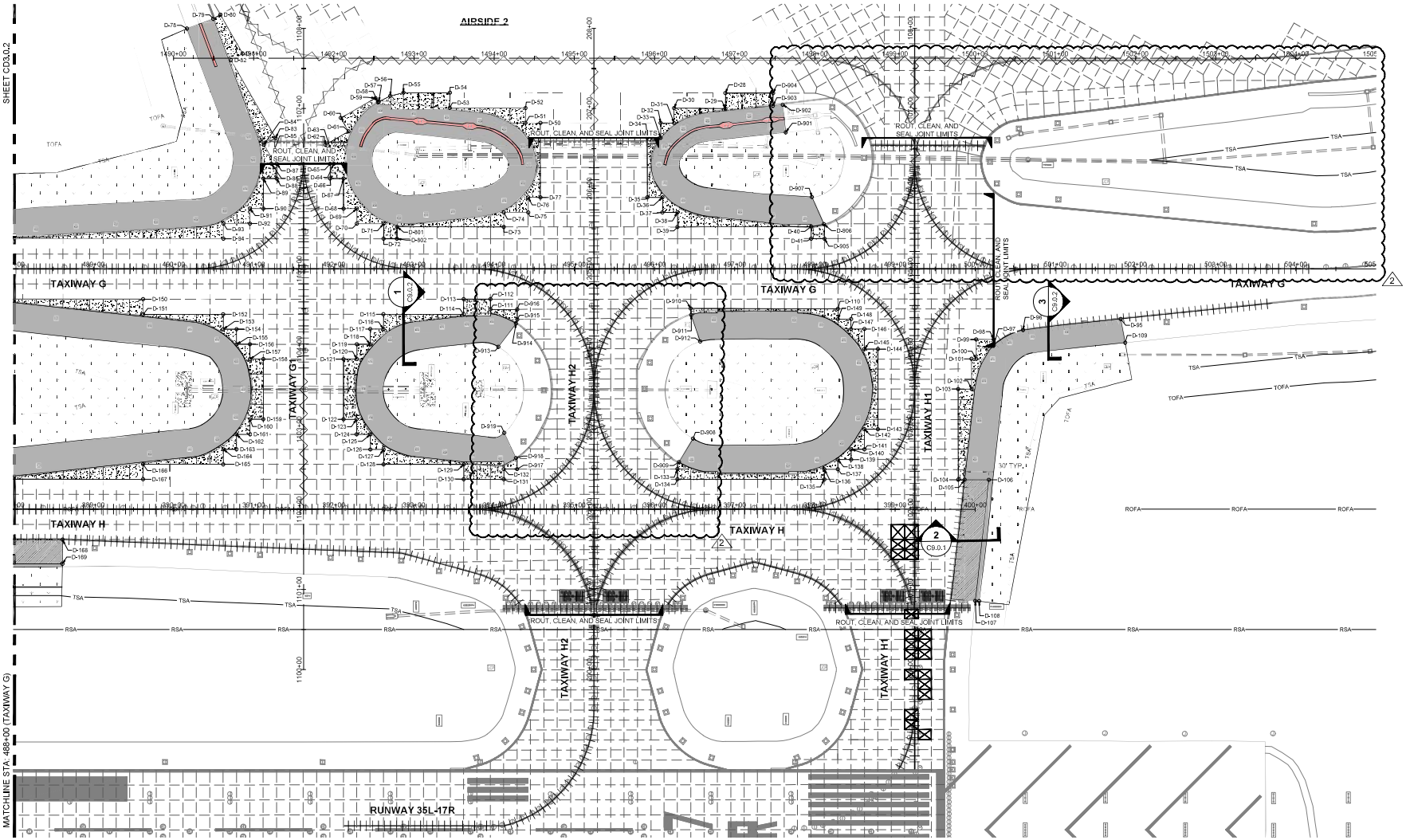
DRAWING TITLE:

DEMOLITION PLAN - BASE BID (2)

DRAWING NO.

CD3.0.2

Date: Nov 07, 2023 - Time: 7:16 am - Plotted By: Gonzalez
Drawing: P:\...\Engineering\60691183\Project Management\CONTW G & H\60691183.xrdd 1.dwg for w430 w:\ath-whsb900-wsd_gis\91\wd<> for 497\04-SHEETS\CD3.0.1 thru CD3.08 DEMOLITION PLAN.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.
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)
- 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
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

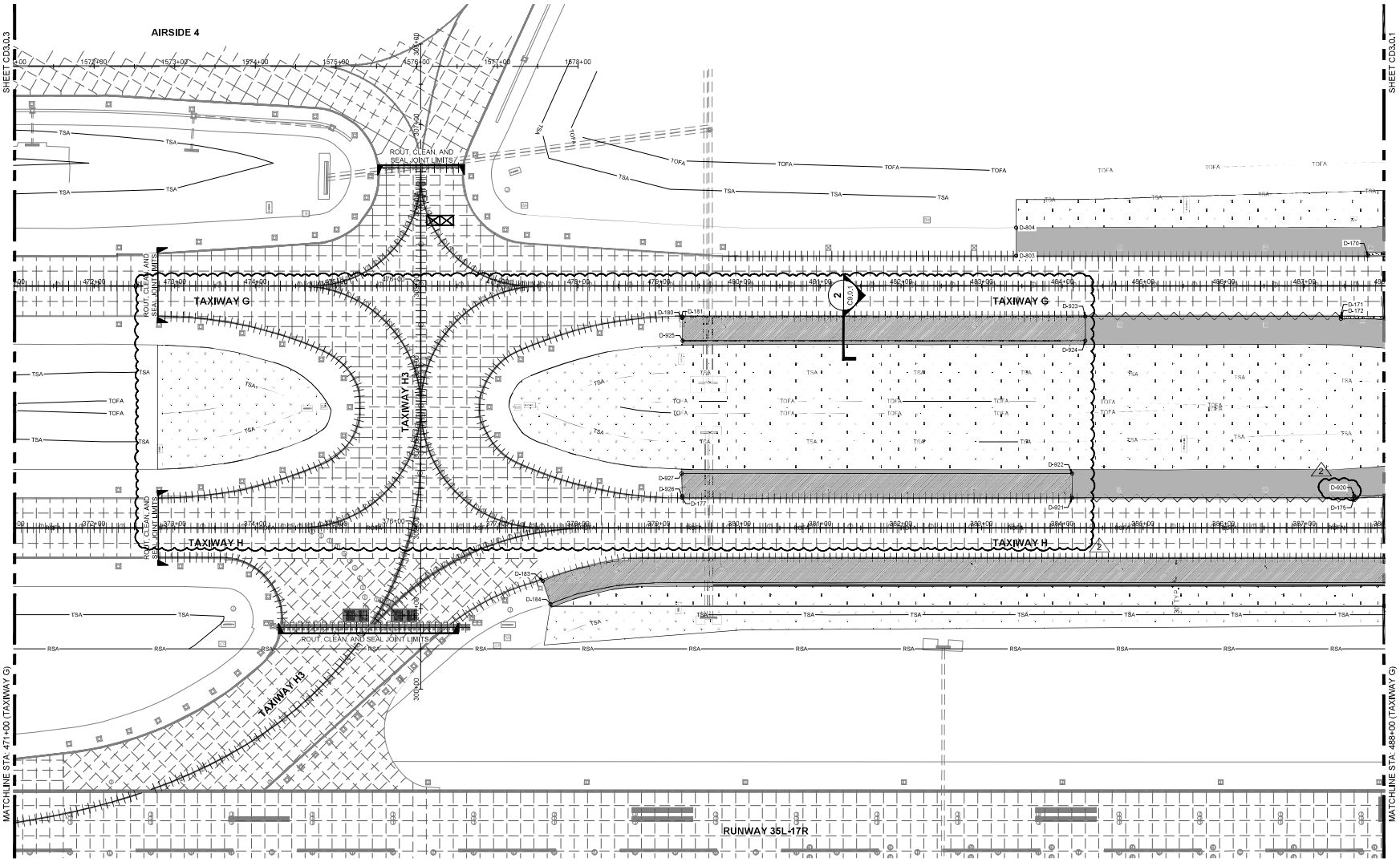
DRAWING TITLE:

DEMOLITION PLAN - BASE BID (1)

DRAWING NO.

CD3.0.1

Date: Apr 18, 2024 - Time: 3:46 pm - Plotted By: Al Labbick
File Name: C:\Users\alabbick\Desktop\Working\60691183_acad_gis\91cad\c-dpw\90-cad_gis\91cad\c-dpw\00-cad\CD3\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 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 REINSTALLED)
- PAVEMENT MARKING REMOVAL (REINSTALLED)
- 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

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GREATER ORLANDO AVIATION AUTHORITY

BP-497

TAXIWAYS G & H REHABILITATION - PHASE 1

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KEY PLAN

PROJECT NO.:	60691183
DESIGNED BY:	CJM
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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: AI.abbink
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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

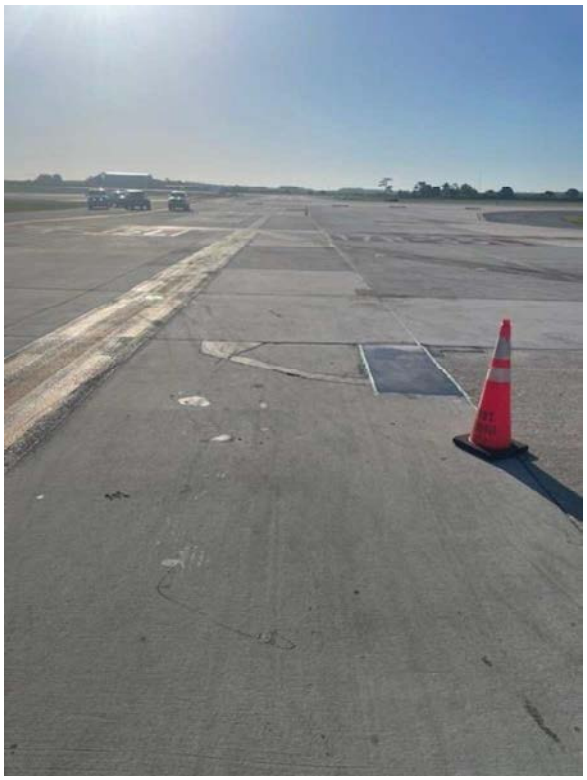
Weighted Average Across 3 Add Alts	$ 98.38

Negotiated price agreed to at $98.00/SY

Panel #1

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

Panels #5 & #6

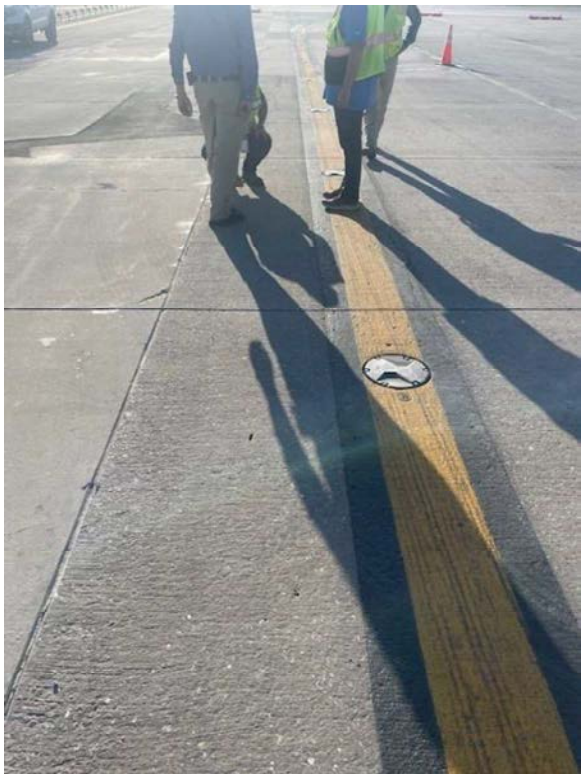


Panels #7, #8, #9 & #10

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

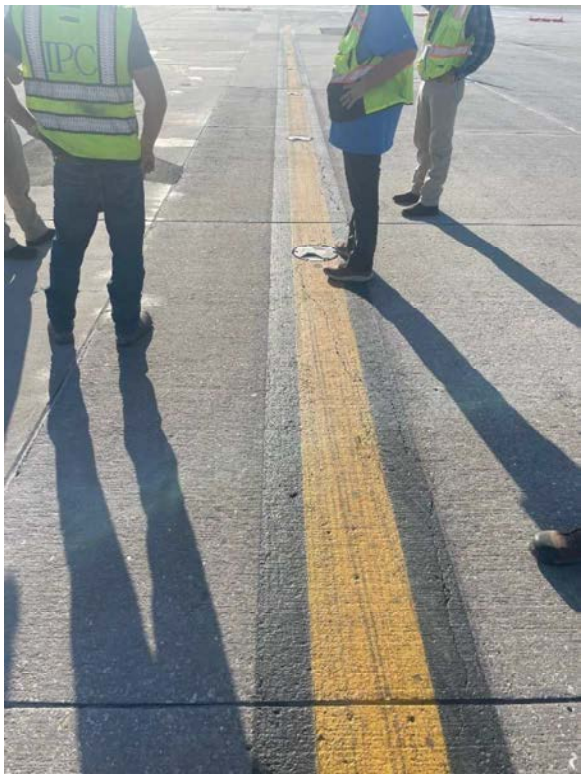
Panels #9, #10, #11 & #12

Panel #13



Panel #14

Panels #15 & #17

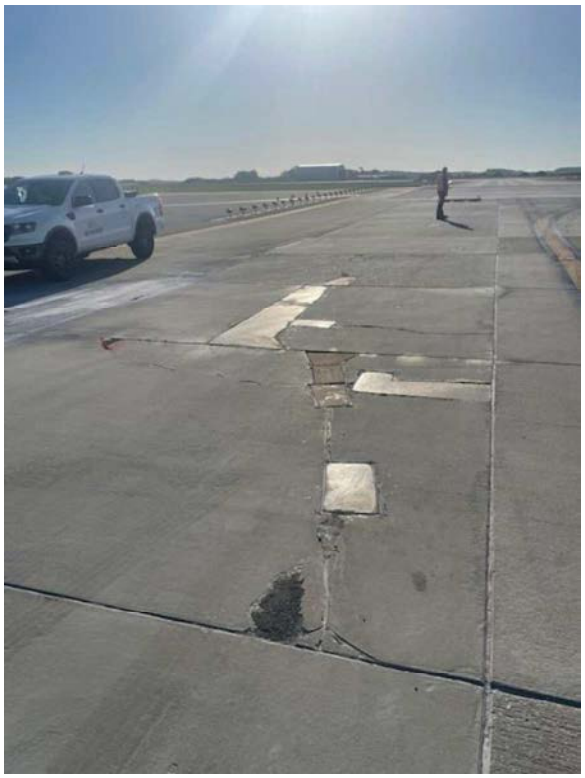


Panels #16 & #18

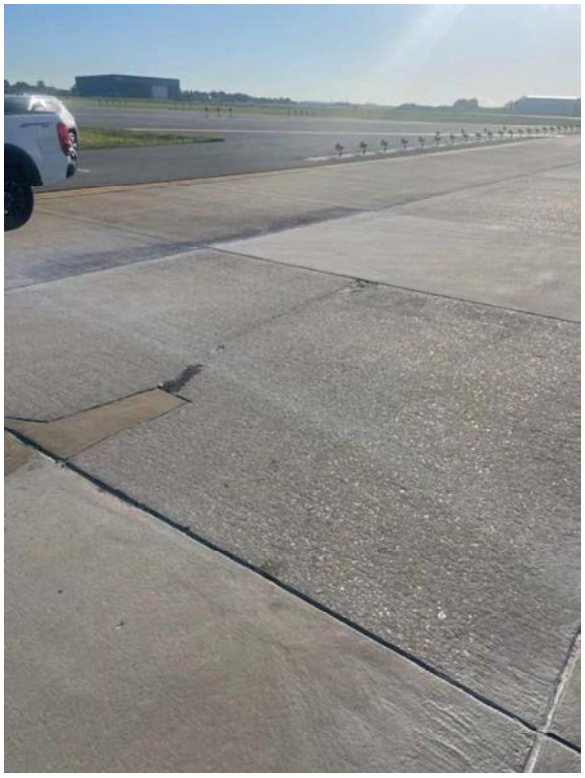
Panels #17 & #19

Panels #20, #22 & #23

Panel #21

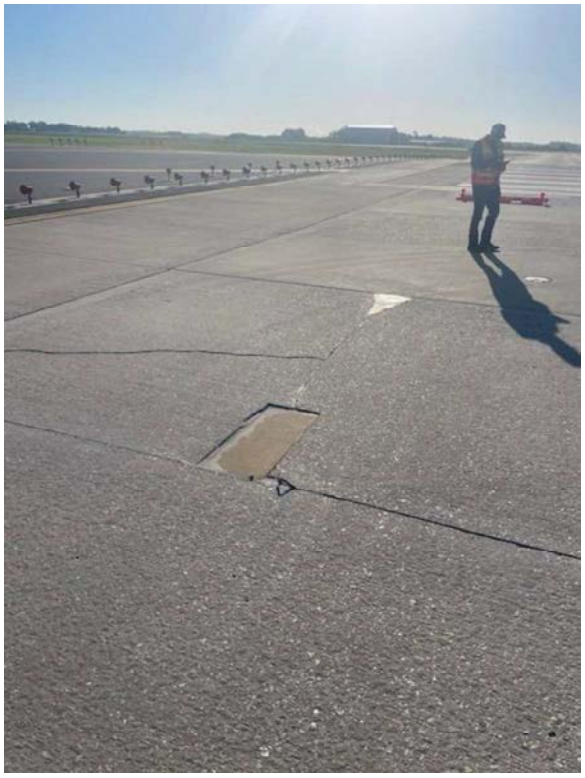


Panels #22, #23 & #24



Panel #24

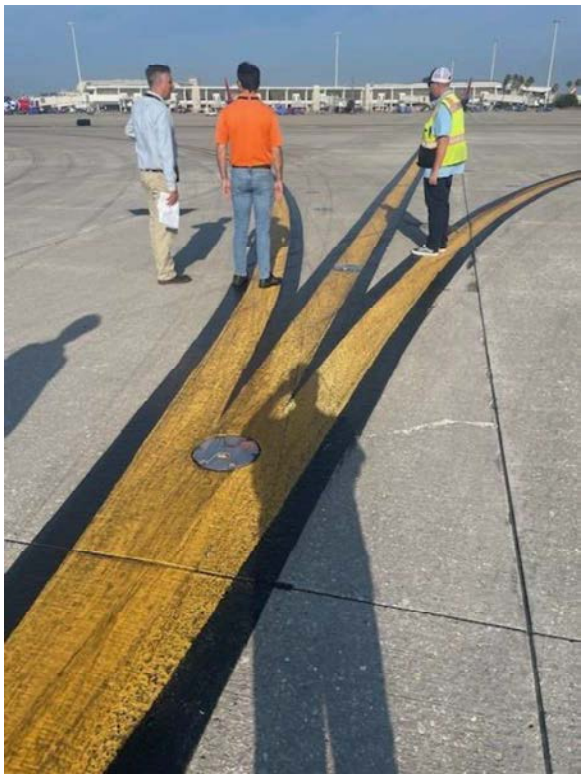
Panel #25 & #26



Panel #27

Panel #28

Panel #29



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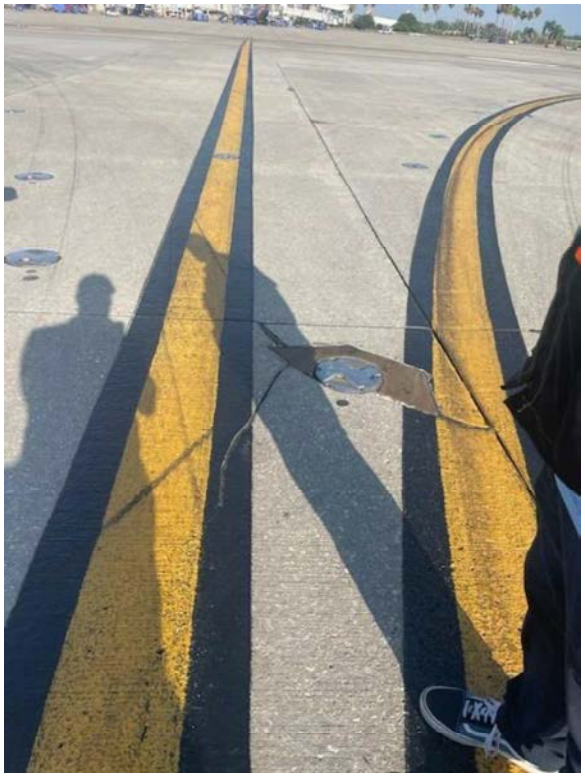
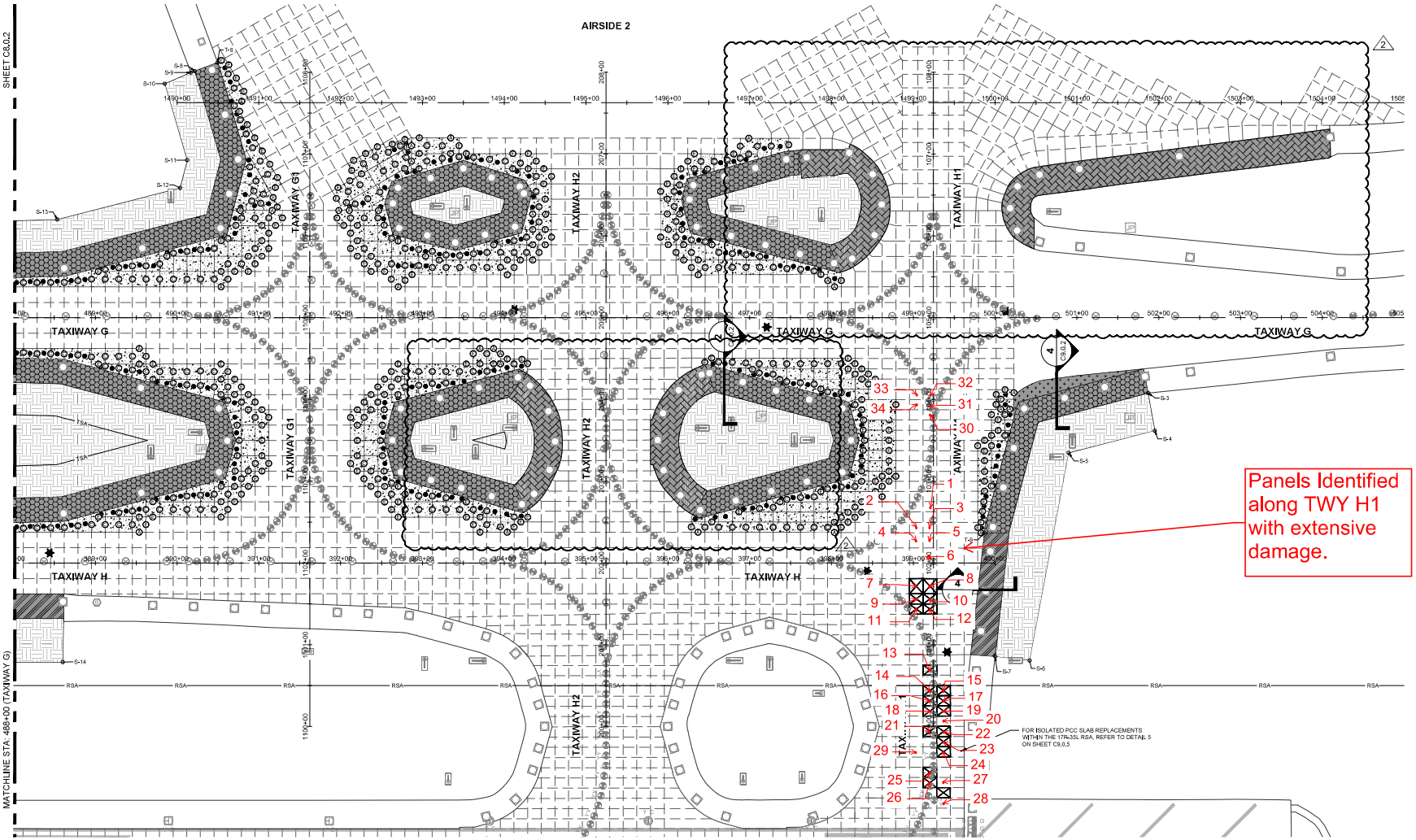


Panel #31

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: 3:55 pm - Plotted By: AKabbara
File Name: J:\Projects\60691183\Design\Drawings\Civil\CD7W G & H\60691183_add-1.dgn for ver=32 by a&k (whatis900=on_dgn91=on&c=&x=&y=0703-SHEETS\C8.0.1.htm) C8.0.7 PAVING PLANS.dwg

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
			$ -	$ -
			$ -	$ -
			$ -	$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
				$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
					$ -
					$ -
					$ -

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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
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
			$ -	$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$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		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
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
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
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
				$0.00
				$0.00
				$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
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
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
					$ -
					$ -
					$ -
					$ -
					$ -
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					$ -
					$ -
					$ -
Direct Labor					$ 1,661.40
Burden				42.00%	$ 697.79
Subtotal					$ 2,359.19
			Markup	10.0%	$ 235.92
TOTAL LABOR COSTS:					$ 2,595.11

MATERIAL

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

SUBCONTRACTORS / OUTSIDE SERVICES

Subcontractor / Outside Services	Quantity	Unit	Price	Total
DUMPSTER HAUL OFF	1	EA	100.00	$100.00
DANKEL SEALING SUBCONTRACTOR	750	LF	7.00	$5,250.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
Subcontractor Subtotal				$5,350.00
		Markup:	10%	$535.00
TOTAL SUB COSTS:				$5,885.00

EQUIPMENT

SIZE AND CLASS	NO.	EQUIP NO.	TOTAL HOURS	RATE	AMOUNT
					$ -
TRUCK VAC	1.00		8.00	47.34	$ 378.72
LOADER	1.00		8.00	79.63	$ 637.04
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
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					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
Equipment Subtotal					$ 1,015.76
				Markup: 10.0%	$ 101.58
TOTAL EQUIPMENT COSTS:					$ 1,117.34

Quaifications:

TOTALS:

LABOR		$2,595.11
MATERIALS		$0.00
EQUIPMENT		$1,117.34
SUBCONTRACTORS		$5,885.00
$0.00		
SUB-TOTAL		$9,597.44
BOND (1%)	1.00%	$95.97

GRAND TOTAL: **$9,693.42**

	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

Customer: 22 00 385130

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

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

Customer: 22 00 385130

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

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

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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 SUITE 115 LAKE MARY FL 32746	IPC PAVING 1 JEFF FUQUA BLVD., 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 SUITE 115 LAKE MARY FL 32746	IPC PAVING 1 JEFF FUQUA BLVD., 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 SUITE 115 LAKE MARY FL 32746	IPC PAVING 1 JEFF FUQUA BLVD., 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 SUITE 115 LAKE MARY FL 32746	IPC PAVING 1 JEFF FUQUA BLVD., 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

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 SUITE 115 LAKE MARY FL 32746	IPC PAVING 1 JEFF FUQUA BLVD. G-403 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 SUITE 115 LAKE MARY FL 32746	IPC PAVING 1 JEFF FUQUA BLVD., 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

Customer: 22 00 385130

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

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

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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 SUITE 115 LAKE MARY FL 32746	IPC PAVING 1 JEEF FUQU BLVD., 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.
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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
			$ -	$ -
			$ -	$ -
			$ -	$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
				$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
					$ -
					$ -
					$ -

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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
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
			$ -	$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$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		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
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
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
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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
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
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
				$0.00
				$0.00
				$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
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
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
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
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					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
Direct Labor					$ 1,661.40
Burden				42.00%	$ 697.79
Subtotal					$ 2,359.19
			Markup	10.0%	$ 235.92
TOTAL LABOR COSTS:					$ 2,595.11

MATERIAL

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

SUBCONTRACTORS / OUTSIDE SERVICES

Subcontractor / Outside Services	Quantity	Unit	Price	Total
DUMPSTER HAUL OFF	1	EA	100.00	$100.00
DANKEL SEALING SUBCONTRACTOR	750	LF	7.00	$5,250.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
Subcontractor Subtotal				$5,350.00
		Markup:	10%	$535.00
TOTAL SUB COSTS:				$5,885.00

EQUIPMENT

SIZE AND CLASS	NO.	EQUIP NO.	TOTAL HOURS	RATE	AMOUNT
					$ -
TRUCK VAC	1.00		8.00	47.34	$ 378.72
LOADER	1.00		8.00	79.63	$ 637.04
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
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					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
Equipment Subtotal					$ 1,015.76
				Markup: 10.0%	$ 101.58
TOTAL EQUIPMENT COSTS:					$ 1,117.34

Quaifications:

TOTALS:

LABOR		$2,595.11
MATERIALS		$0.00
EQUIPMENT		$1,117.34
SUBCONTRACTORS		$5,885.00
$0.00		
SUB-TOTAL		$9,597.44
BOND (1%)	1.00%	$95.97

GRAND TOTAL: **$9,693.42**

	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, 6 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 RETROREFLECTIVE 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
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.
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.
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.
E	EXISTING L-867B DEEP BASE CAN.
D	EXISTING L-867D DEEP BASE CAN.
	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. 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. 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. 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. PRESERVE AND PROTECT BASE CAN, REBAR, CONDUIT, AND COUNTERPOISE. 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. 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. 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. 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. SEMIFLUSH FIXTURES SHALL BE INSTALLED UTILIZING A ONE PIECE LIGHT BASE IN PCC PAVEMENT WITH A 3/4" NOMINAL SPACER RING WITH CONCRETE RING. 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. 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. THE EXISTING BASE CANS IN THESE AREAS DO NOT REQUIRE HEIGHT EXTENSIONS. 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

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AECOM TECHNICAL SERVICES, INC.

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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:

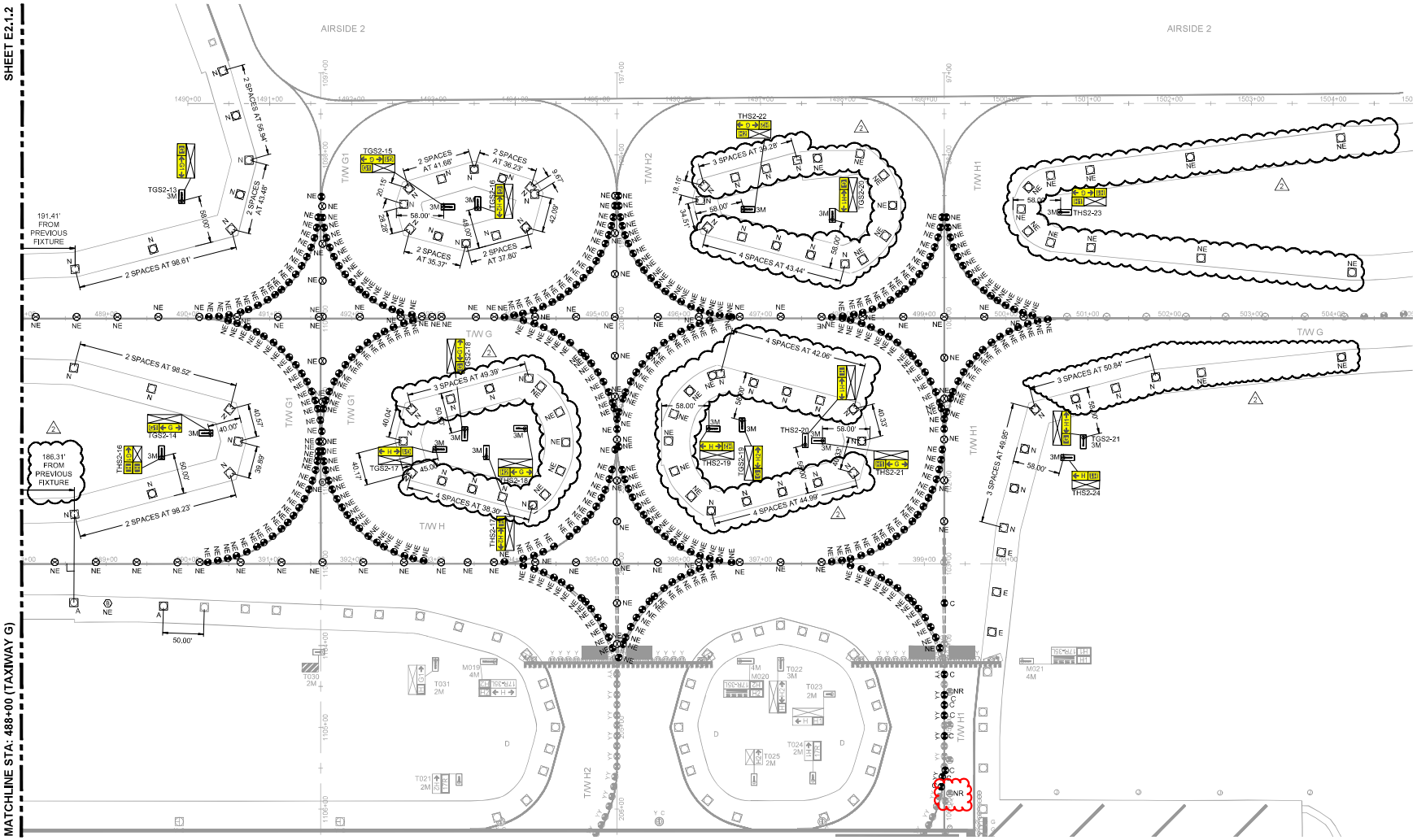
AIRFIELD ELECTRICAL SYMBOLS LEGEND

DRAWING NO.

E1.0.2

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

SHEET E2.1.2



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 .

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

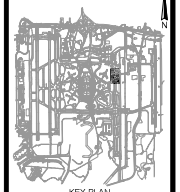
AVCON

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 LIGHTING LAYOUT - BASE BID

DRAWING NO.

E2.1.1

Date: Apr 10, 2024 - Time: 1:34 pm - Plotted By: Romeo
Drawing File: I:\60691183\Work\04 - ACDO\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			

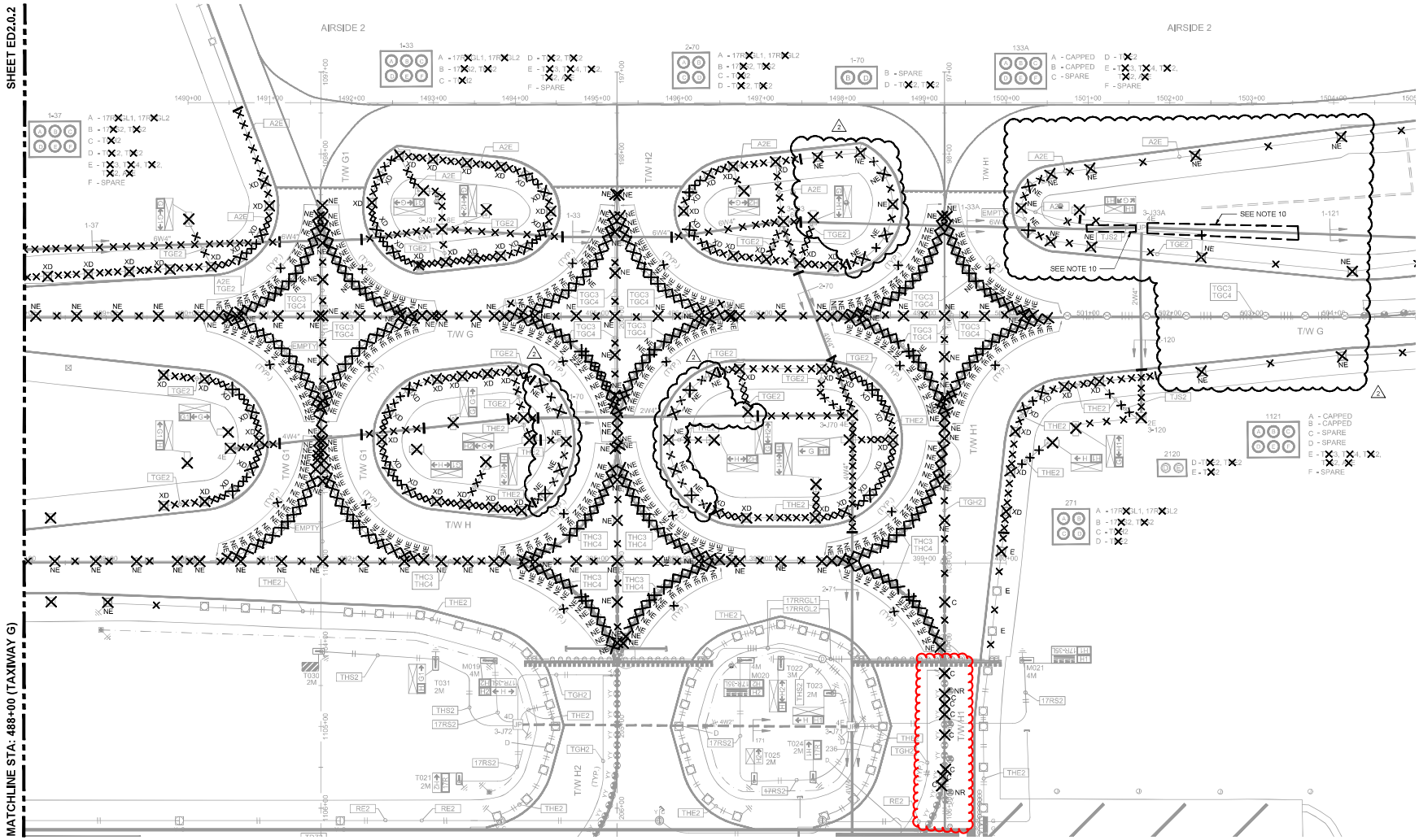
Subcontractor		
	0	$0.00

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 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)		% COM-PLETE
							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	0.00	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

N

50' 25' 0 50' 100'

GRAPHIC SCALE

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

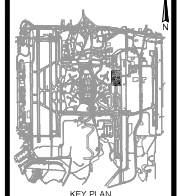
AVCON, INC.

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:\60602080\cad\ED\ED2.0.1 KEY PLAN.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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5

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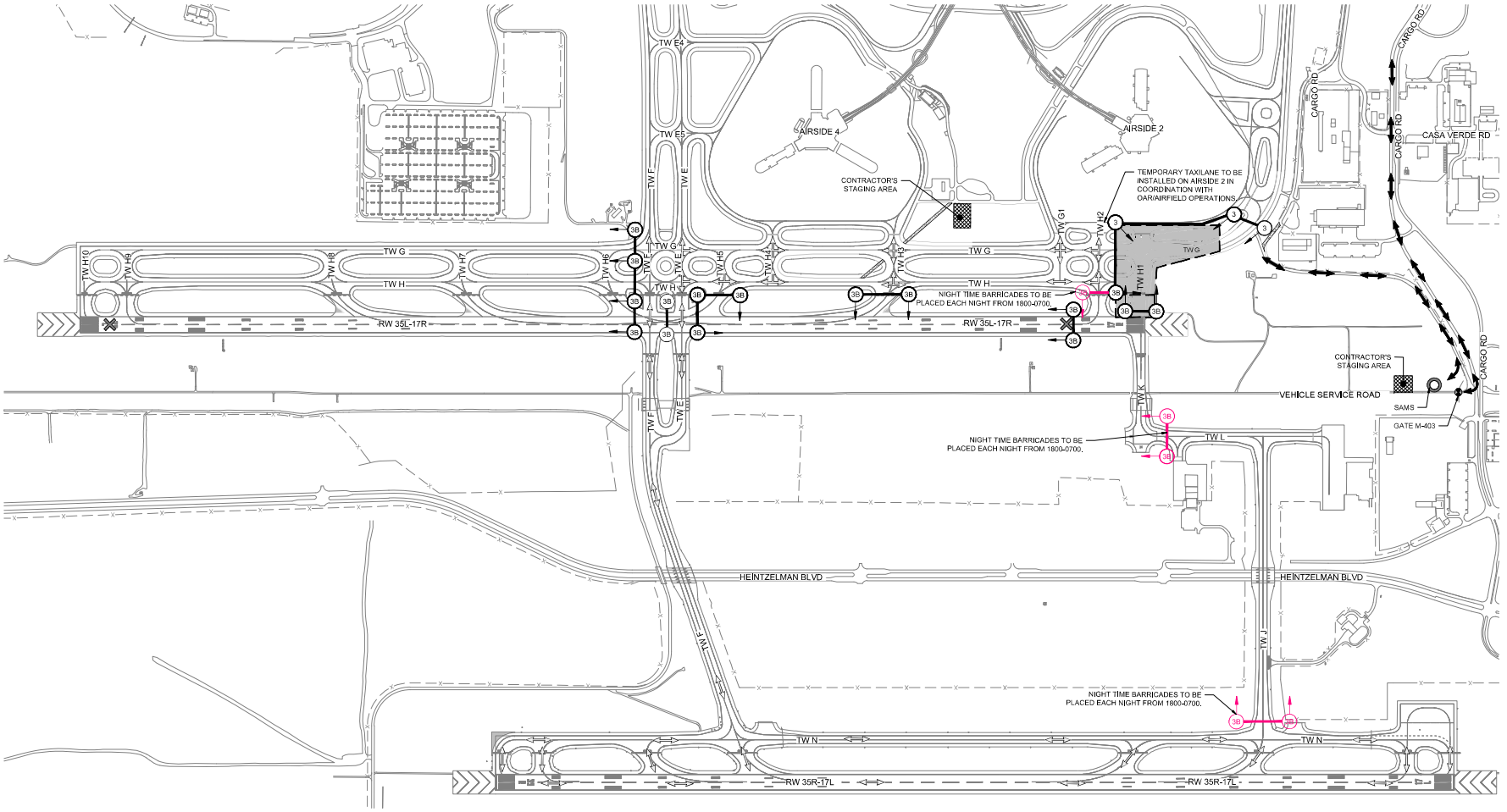

PHASE 3B NOTES: DURATION 19 CALENDAR DAYS

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: AKubanik
Drawing: N:\Projects\60691183 Add 1 DB for W-435 TW G&H Rehab\800-CAD_GBB\11xCAD - 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~~	HR	480	12.17	100.000	12.17	~~8,519.00~~
L10400	LABORER-SKILLED	2.00	~~700.00~~	MH	480	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

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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**

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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

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	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**

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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

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	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**

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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
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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

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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

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All prices shown in US dollars ($)

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

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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

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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
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Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	49%	USD $578.20/mo
Overhaul (ownership)	26%	USD $306.80/mo
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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
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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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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

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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
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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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**

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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

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	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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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**

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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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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**

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	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**

Non-Active Use Rates

	Hourly
Standby Rate	USD $8.35
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Element	Percentage	Value
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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

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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

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	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
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45,001 - 60,000 lbs
Weight:
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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

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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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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**

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Standby Rate	USD $7.30
Idling Rate	USD $14.59

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Element	Percentage	Value
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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

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	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

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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

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	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

Revised Date: 1st quarter 2024

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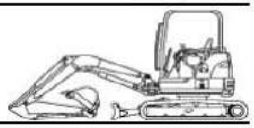
Rental Rate Blue Book®

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

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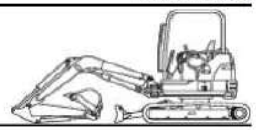
Rental Rate Blue Book®

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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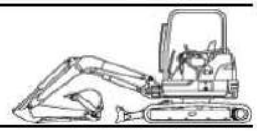
Rental Rate Blue Book®

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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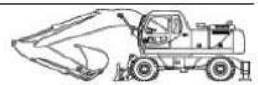
Rental Rate Blue Book®

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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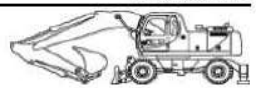
Rental Rate Blue Book®

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

Revised Date: 1st quarter 2024

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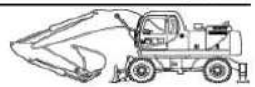
Rental Rate Blue Book®

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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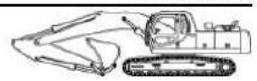
Rental Rate Blue Book®

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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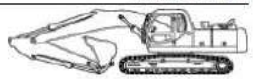
January 26, 2024

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

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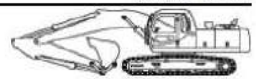
January 26, 2024

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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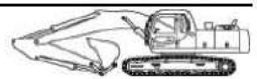
Rental Rate Blue Book®

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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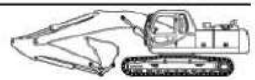
January 26, 2024

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

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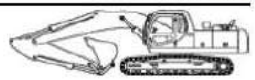
Average AVERAGE 33.1 - 40.0 MTONS
Crawler Mounted Hydraulic Excavators

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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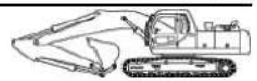
Average AVERAGE 40.1 - 50.0 MTONS
Crawler Mounted Hydraulic Excavators

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

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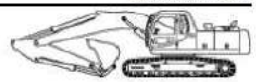
Average AVERAGE 50.1 - 66.0 MTONS
Crawler Mounted Hydraulic Excavators

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 $5,349.75/mo
Indirect (ownership)	10%	USD $3,566.50/mo
Fuel (operating) @ USD 4.15	33.68%	USD $33.84/hr

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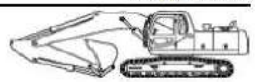
January 26, 2024

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

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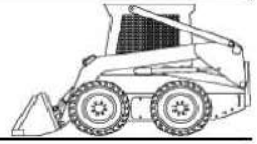
Caterpillar 246D (disc. 2019)
Skid Steer Loaders

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

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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

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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	27.47%	USD $6.55/hr

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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
CPC (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

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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
CPC (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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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 $16,596.00	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

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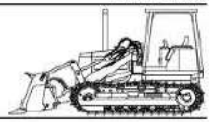
Rental Rate Blue Book®

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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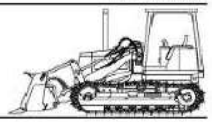
All prices shown in US Dollars ($)

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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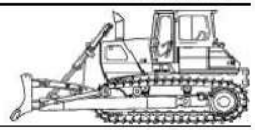
All prices shown in US Dollars ($)

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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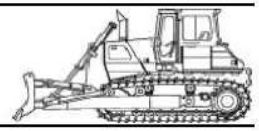
Rental Rate Blue Book®

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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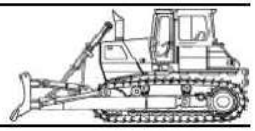
January 26, 2024

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

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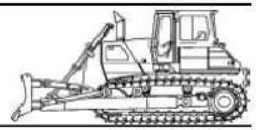
Rental Rate Blue Book®

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

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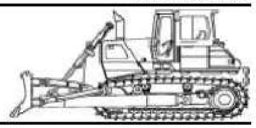
Rental Rate Blue Book®

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

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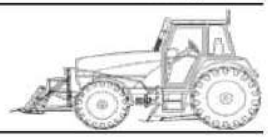
Rental Rate Blue Book®

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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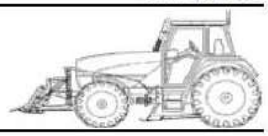
Rental Rate Blue Book®

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.

Revised Date: 1st quarter 2024

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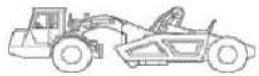
All prices shown in US dollars ($)

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

Revised Date: 1st quarter 2024

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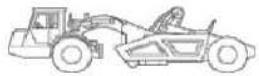
Rental Rate Blue Book®

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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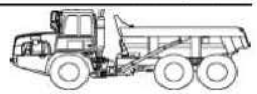
Rental Rate Blue Book®

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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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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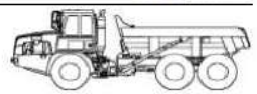
Rental Rate Blue Book®

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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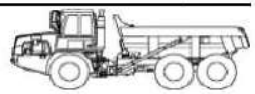
Rental Rate Blue Book®

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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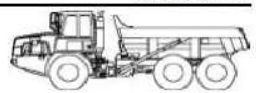
Rental Rate Blue Book®

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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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

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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
CEC (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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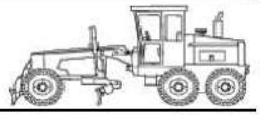
Rental Rate Blue Book®

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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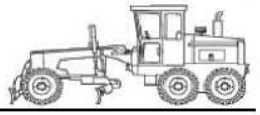
Rental Rate Blue Book®

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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The equipment represented in this report has been exclusively prepared for ROBERT SOLOMON (robert.solomon@hubbard.com)

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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

Revised Date: 1st quarter 2024

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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

Revised Date: 1st quarter 2024

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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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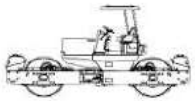
Rental Rate Blue Book®

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

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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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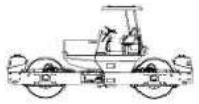
Rental Rate Blue Book®

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

Revised Date: 1st quarter 2024

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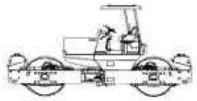
Rental Rate Blue Book®

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

Revised Date: 1st quarter 2024

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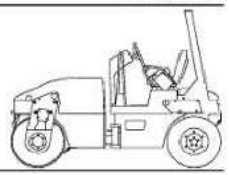
Rental Rate Blue Book®

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

Revised Date: 1st quarter 2024

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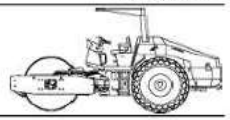
Rental Rate Blue Book®

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

Revised Date: 1st quarter 2024

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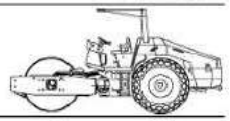
All prices shown in US Dollars ($)

Rental Rate Blue Book®

January 26, 2024

Average AVERAGE 8.0 - 11.9 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

Revised Date: 1st quarter 2024

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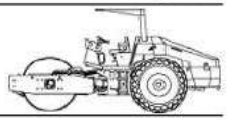
All prices shown in US Dollars ($)

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

Revised Date: 1st quarter 2024

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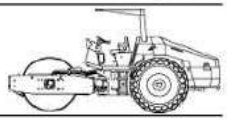
Rental Rate Blue Book®

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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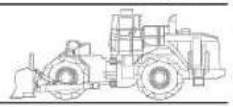
All prices shown in US Dollars ($)

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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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

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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 $1.61
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

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 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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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:
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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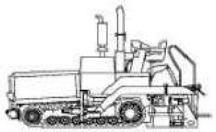
All prices shown in US Dollars ($)

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

Revised Date: 1st quarter 2024

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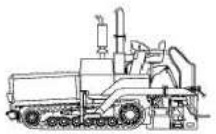
All prices shown in US Dollars ($)

Rental Rate Blue Book®

January 26, 2024

Average AVERAGE 29,000 - 34,999 LBS
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

Revised Date: 1st quarter 2024

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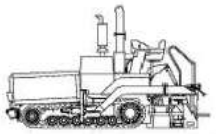
Rental Rate Blue Book®

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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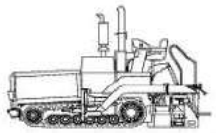
Rental Rate Blue Book®

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 $2,101.26**	**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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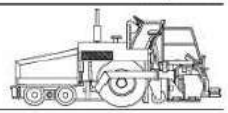
Rental Rate Blue Book®

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 $76.68	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 $76.68**	**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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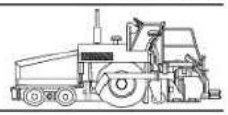
Rental Rate Blue Book®

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 $1,836.49)	(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

Revised Date: 1st quarter 2024

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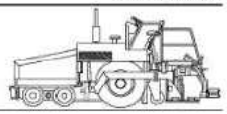
Rental Rate Blue Book®

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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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
CFC (ownership)	11%	USD $255.20/mo
Indirect (ownership)	12%	USD $278.40/mo
Fuel (operating) @ USD 4.15	72.64%	USD $30.47/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 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

Revised Date: 1st quarter 2024

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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 $1,900.95/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 $1,900.95/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

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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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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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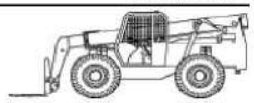
Rental Rate Blue Book®

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

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 Monthly 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:** _____

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

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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 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

.

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

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 Monthly 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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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-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

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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
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- -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

$49.08

Activity: 20.01 Excv. for Junction Box Quantity: 50.00 Unit:

	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

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 Monthly 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
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(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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 66" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 15 tons with 27" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 20 tons with 52" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 23 tons with 77" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 72" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 80" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 23 tons with 72" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 21 tons with 60" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 72" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 23 tons with 72" wall height 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) With: USF 170-E RING & COVER Notes: Heavy lift approx 17 tons 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 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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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) With: EYEBOLTS & CHAINS, USF 6616-GLV "E" STLGLVH20 GRT 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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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

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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 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

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 Monthly 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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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

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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

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 Monthly 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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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

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- Asphalt Millings Delivery
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- Dirt Delivery

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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
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- -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

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 Monthly 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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 66" wall height 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)~~ With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 15 tons with 27" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 20 tons with 52" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 23 tons with 77" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 72" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 80" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 23 tons with 72" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 21 tons with 60" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 22 tons with 72" wall height 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) With: USF 9151-6811 FRAME & GRATE GALV Notes: Heavy lift approx 23 tons with 72" wall height 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) With: USF 170-E RING & COVER Notes: Heavy lift approx 17 tons 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 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

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- Landscape Rock Delivery
- Dirt Delivery

Resources

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- 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) (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	~~4.95~~ $4.09	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

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 Monthly 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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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
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

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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.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

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 Monthly 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 ***(863) 665-2133 Sales: Ext 408*** *Sales Tax 7%* *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 ***(407) 240-1664 Sales: Ext 406*** *Sales Tax 6.5%* *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 ***(813) 630-0016 Sales: Ext 408*** *Sales Tax 7.5%* *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** **(904) 358-3676 Sales: Ext 402** *Sales Tax 7.5%* *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 **(941) 637-7625 Sales: Ext 408** *Sales Tax 7%* *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 **(386) 492-1077 Sales: Ext 402** *Sales Tax 6.5%* *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* **(407) 240-1664 Sales Ext: 406** *Sales Tax 7.5%* *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

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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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)

Greater Orlando Aviation Authority
JUN 21 2024
RECEIVED
Project Controls

TO (OWNER): GREATER ORLANDO AVIATION AUTHORITY One Jeff Fuqua Blvd Orlando, FL 32827	PROJECT: **Project # BP-497** Taxiways G & H Rehabilitation - Phase 1 Orlando International Airport Funding: **ORACLE P.O. #1007554**	**APPLICATION NO. 5** PERIOD ENDING: 05/31/24
FROM (CONTRACTOR): Hubbard Construction Company 1936 Lee Road Winter Park, FL 32789	VIA (ENGINEER): AECOM 7650 W. Courtney Campbell Causeway Tampa, FL 33607	COMMENCEMENT DATE: 12/20/23 ORIGINAL CONTRACT PERIOD: 315 EXTENDED CONTRACT PERIOD: 315 CONTRACT COMPLETION DATE: 10/29/24 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 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		$ ~~8,336,565.48~~ 8,297,604.44	
a. Completed Work in Place - Up to 50%	$ ~~8,110,142.11~~ 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	414,880.22	
5. TOTAL RETAINAGE:		$ ~~416,828.28~~	(5a+5b)
a 5% of Completed Work - Up to 50%	$ ~~405,507.11~~ 403,559.05		
b 5% of Completed Work - After 50%	$ 0.00		
c 5% of Stored Material	$ 11,321.17		
d 0% DMP Advance Payments	$ 0.00	7,882,724.22	
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~~ 2,962,671.16	(6-7)
9. BALANCE TO FINISH (INCLUDING RETAINAGE)		$ ~~24,259,305.44~~ 24,296,318.42	(3-7-8)

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, Anser 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

DAR: 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 One Jeff Fuqua Blvd Orlando, FL 32827	PROJECT: **Project # BP-497** Taxiways G & H Rehabilitation - Phase 1 Orlando International Airport Funding: **ORACLE P.O. #1007564**	**APPLICATION NO. 05** PERIOD ENDING: 05/31/24
FROM (CONTRACTOR): Hubbard Construction Company 1936 Lee Road Winter Park, FL 32789	VIA (ENGINEER): AECOM 7650 W. Courtney Campbell Causeway Tampa, FL 33607	COMMENCEMENT DATE: 12/20/23 ORIGINAL CONTRACT PERIOD: 315 EXTENDED CONTRACT PERIOD: 315 CONTRACT COMPLETION DATE: 10/29/24 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 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 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 Shedek, 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%	$ -	$ -	$ -	$ -
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		$ -	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
CONTRACTOR: Hubbard Construction Company

		Previous PA	This PA	Diff. for this PA
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 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	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~~ 745,450.47	**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**~~ **1,237,995.22**		**835,398.86**	**0.00**	**0.00**	**5,652.50**	~~**2,113,695.52**~~ **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~~ 40,109.86	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%	$ -	$ -	$ -	$ -
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		$ -	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

THESE ARE TRANSMITTED as checked below:

[X] For Approval [ ] Approved as submitted [ ] Resubmit ___ copies for approval

[ ] For your use [ ] Approved as noted [ ] Return ___ copies for distribution

[ ] As Requested [ ] Returned for corrections [ ] Return ___ corrected prints

[ ] For review and comment [ ] _____

[ ] FOR BIDS DUE _____ [ ] PRINTS RETURNED AFTER LOAN TO US

REMARKS : _____

COPY TO _____

SIGNED: _____

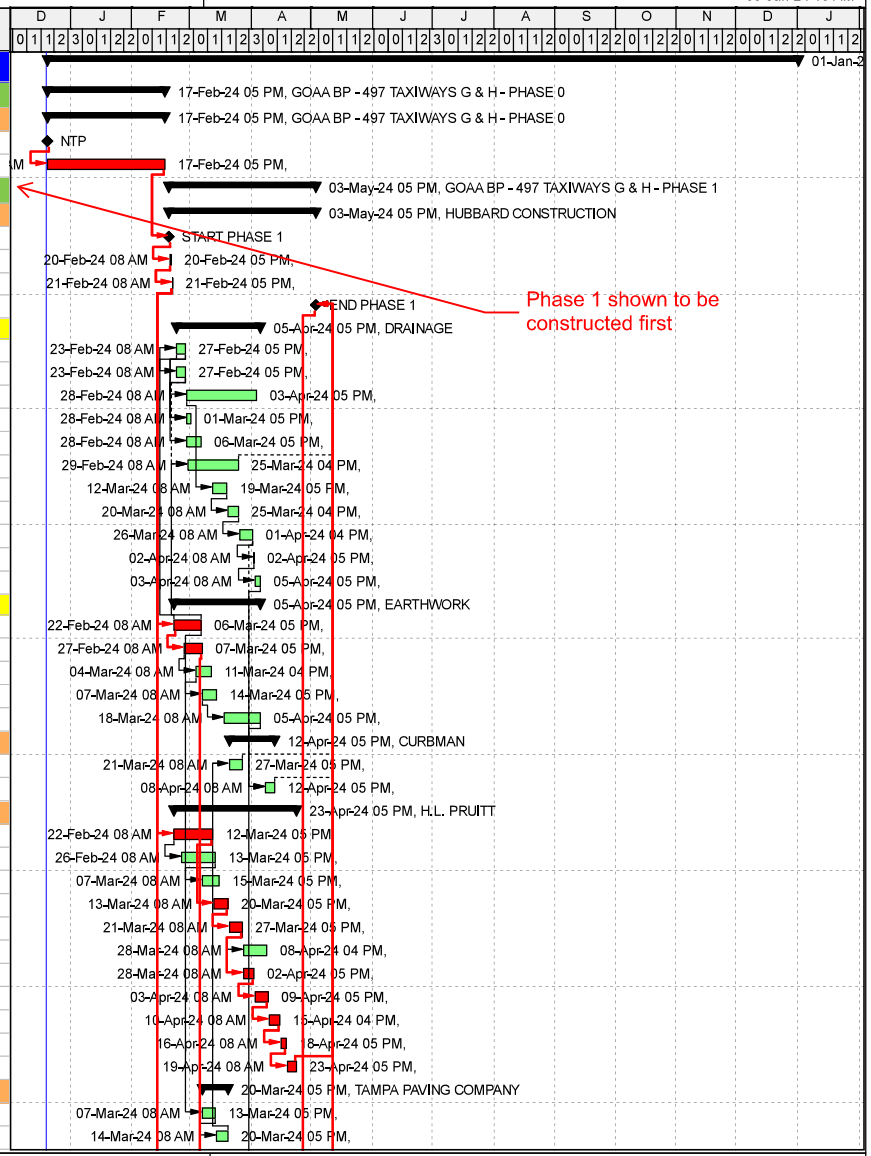
Sean Shepherd, Project Engineer

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

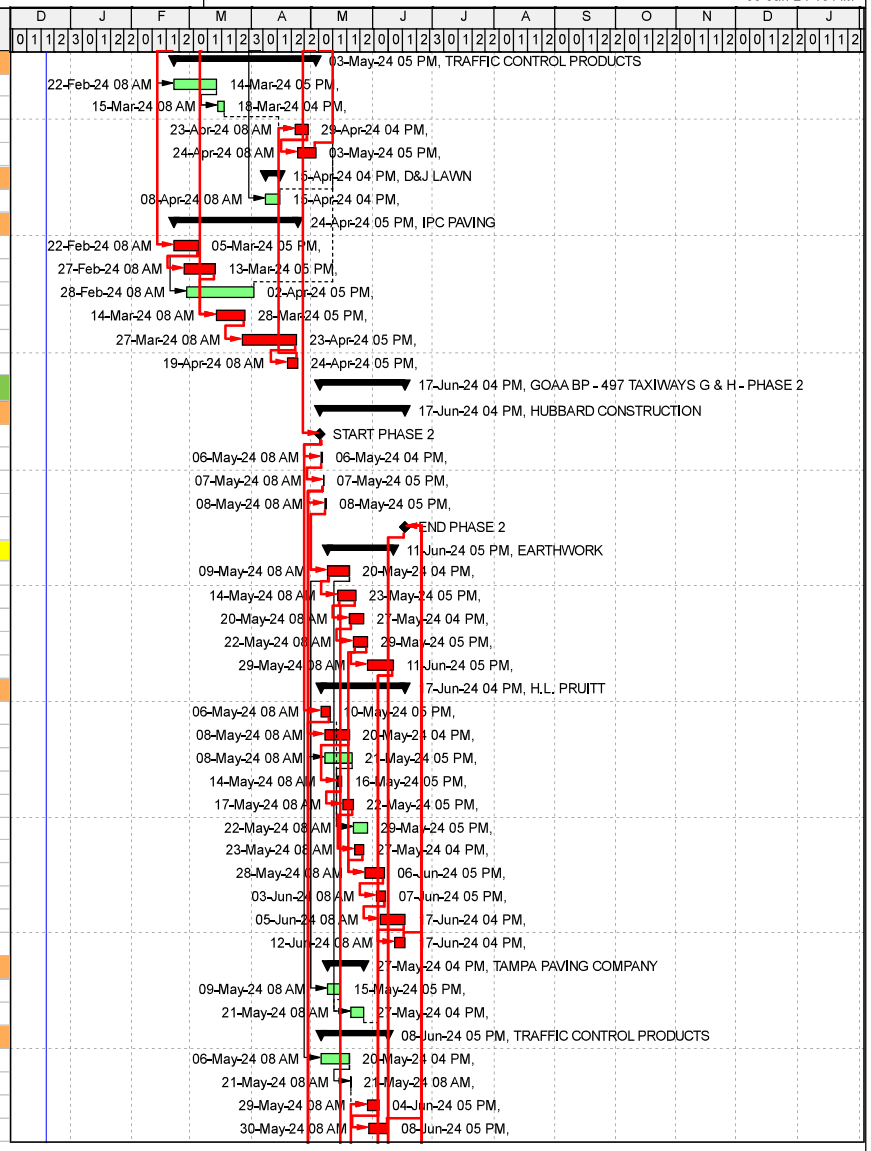


Remaining Level of Effort
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

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

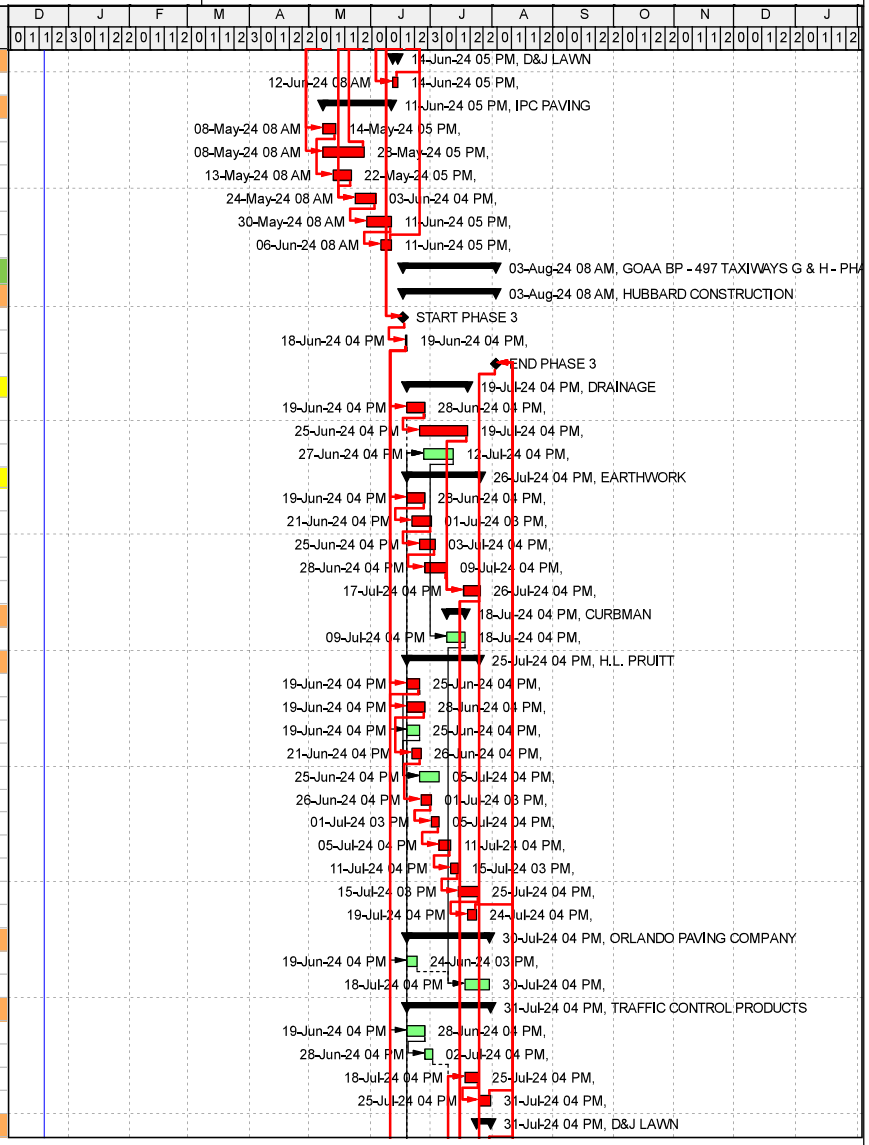


Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

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

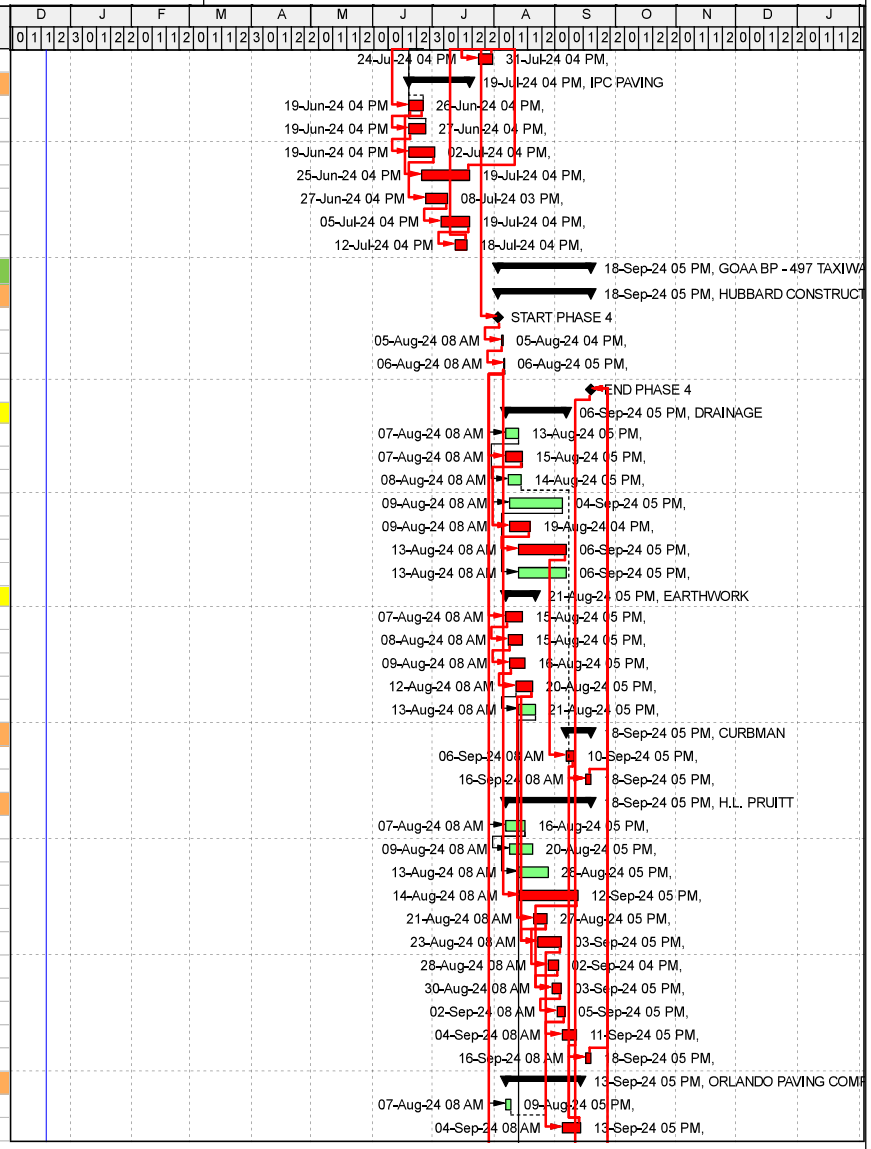


Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

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

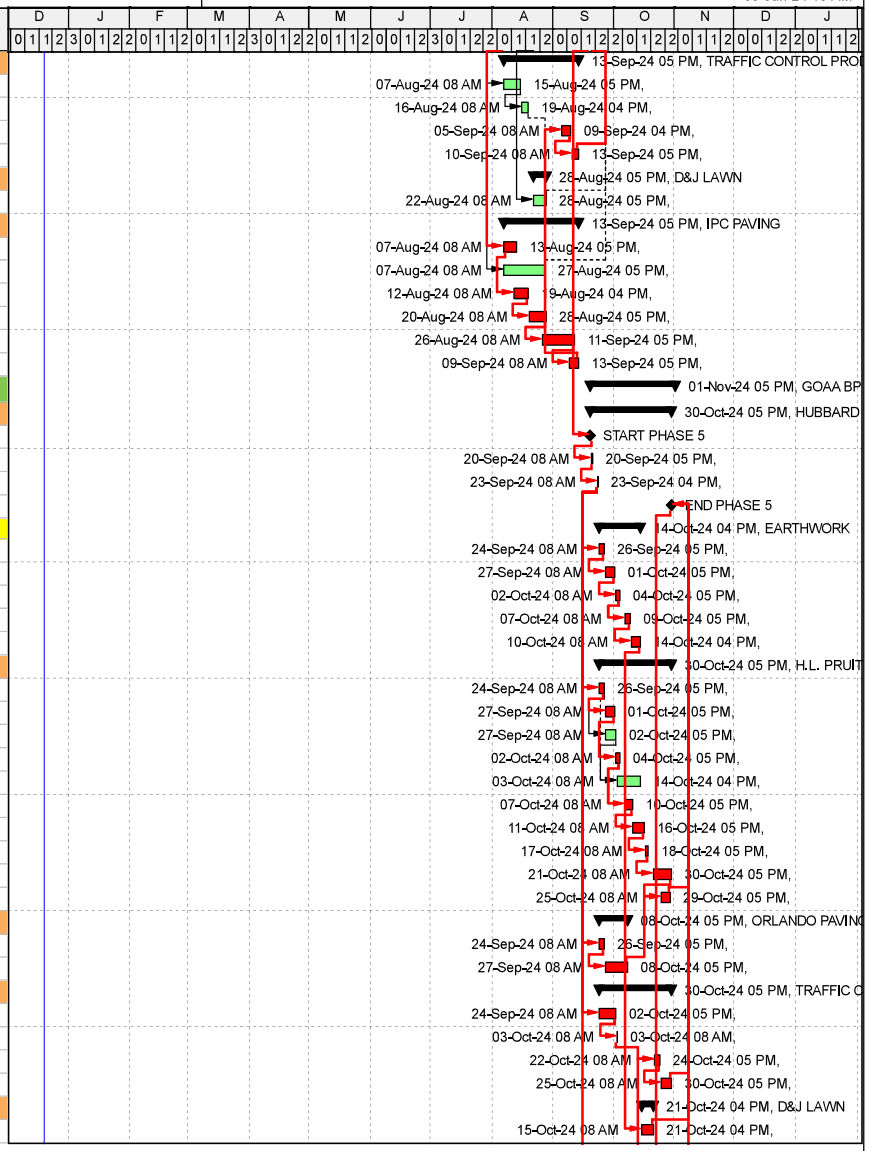


Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

HUBBARD

GOAA BP- 497 TAXIWAYS GH | BP-497 Taxiways GH Phase 1 | 05-Jan-24 10 AM

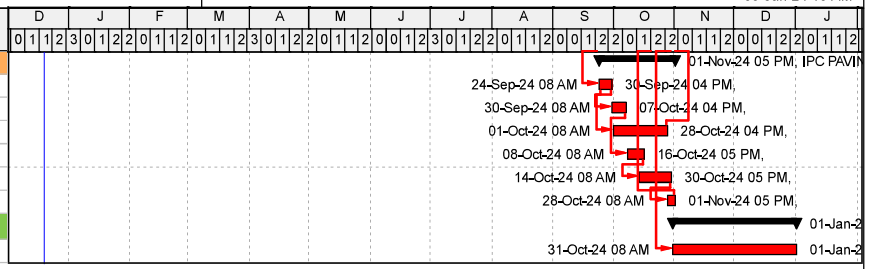
Activity ID	Activity Name	Duration % Complete	Original Duration	Remaining Duration	Start	Finish
	TRAFFIC CONTROL PRODUCTS	0%	28	28	07-Aug-24 08 AM	13-Sep-24 05 PM
A2860	DEMO STRIPING	0%	7	7	07-Aug-24 08 AM	15-Aug-24 05 PM
A4340	TEMPORARY STRIPING	0%	2	2	16-Aug-24 08 AM	19-Aug-24 04 PM
A3140	PERMANENT 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

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

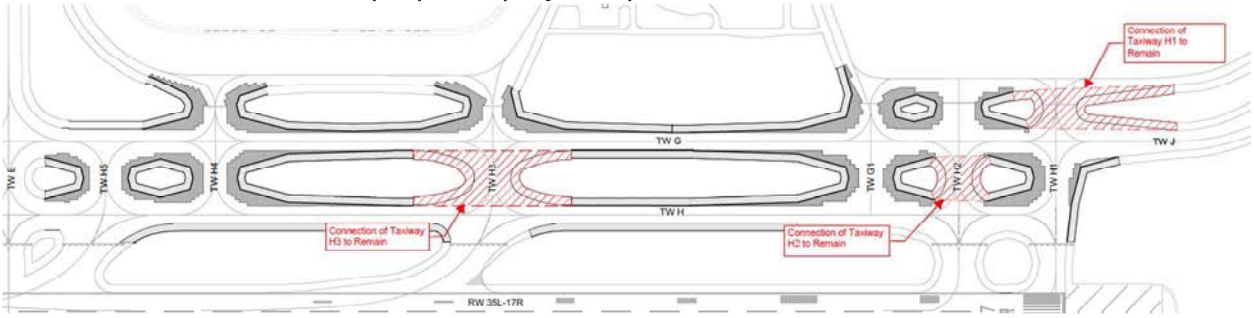
The purpose of the geometric modifications is to meet current Airport Design Standards as described in Federal Aviation Administration's Advisory Circular 150/5300-13B, Airport Design (FAA Design AC), for Airplane Design Group (ADG) V / Taxiway Design Group (TDG) 6. The existing pavement geometry meets 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

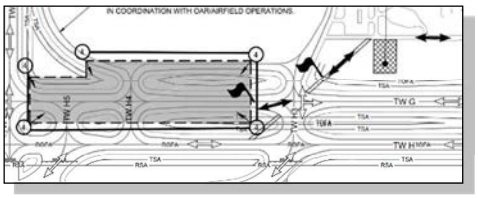
Based on direction from the OAR, the Contractor began work in Phase 5 on February 20, 2024. The team quickly realized that the resequencing of work had created several new challenges. Up to the point when the design change was confirmed, the Contractor had planned to construct the work as proposed in 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

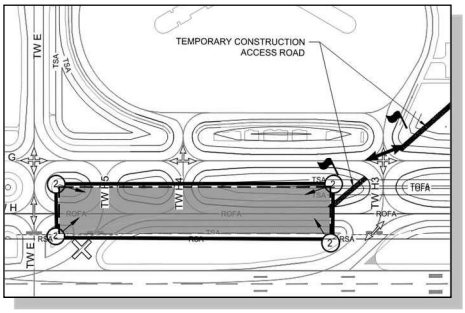
The Contractor followed direction provided to them regarding the changes shown in Bulletin #1. As the OAR and Contractor were working to revise the contract and update the approach to the project, FAA provided a revised direction for the affected areas. Rather than improve the areas at TWY H1, H2, and 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.