**REVISED**

# CONSTRUCTION COMMITTEE MEETING AGENDA

**DATE:** **Tuesday, December 5, 2023**
**TIME:** **1:30 p.m.**
**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 [THIS SECTION INTENTIONALLY LEFT BLANK.]**

**III. CHANGE ORDERS (REFERENCE CHANGE ORDER AGENDA PAGE)**

**IV. NEW BUSINESS**

**GENERAL**

**A.** REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 40 TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR DESIGN, BID & AWARD SERVICES FOR PREVIOUSLY DEFERRED STC AIRFIELD CIVIL P1X APRON & TAXIWAY RESTART FOR **W-S00110** SOUTH TERMINAL C (PHASE 1) – ARCHI MAJOR SUBS) AT THE ORLANDO INTERNATIONAL AIRPORT.

**B.** REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING ELECTRICAL CONSTRUCTION SERVICES AGREEMENT WITH ELECTRIC SERVICES, INC. FOR **E-S00020** ELECTRICAL BHS LIGHTING IMPROVEMENTS, AT THE ORLANDO INTERNATIONAL AIRPORT.

**C.** REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH GOMEZ CONSTRUCTION COMPANY FOR **V-S00045** TERMINAL C ENHANCEMENTS TRASH ROOM PLATFORMS, AT THE ORLANDO INTERNATIONAL AIRPORT.

**D.** 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-01015** AIRSIDE 3 WING 3 RAMP LEVEL RESTROOM REFURBISHMENTS, AT THE ORLANDO INTERNATIONAL AIRPORT.

**E. REQUEST FOR RECOMMENDATION OF APPROVAL OF NO-COST ADDENDA TO THE CONTINUING ENVIRONMENTAL CONSULTING SERVICES TO EXERCISE THE FIRST ONE-YEAR RENEWAL OPTION.**

**F.** REQUEST FOR APPROVAL OF CONTRACTOR FINAL PAYMENT AUTHORIZATION WITH HENSEL PHELPS CONSTRUCTION.

**G.** REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 1 TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH WSP USA, INC. FOR A NO COST TIME ADJUSTMENT FOR ADDITIONAL CONSTRUCTION PHASE OAR SERVICES FOR **BP-00496**, MCO EAST AIRFIELD TAXIWAYS REHABILITATION AND RELATED WORK (PHASE 2), AT THE ORLANDO INTERNATIONAL AIRPORT.

**H.** REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH PSA CONSTRUCTORS, INC. DBA PSA MANAGEMENT INC. FOR W-S00151 TERMINAL C DESIGN AND PROJECT OVERSIGHT SERVICES TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR **E-S00020**, TERMINAL C ENHANCEMENTS ELECTRICAL BHS LIGHTING IMPROVEMENTS, AT THE ORLANDO INTERNATIONAL AIRPORT.

**I.** REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH PSA CONSTRUCTORS, INC. DBA PSA MANAGEMENT INC. FOR W-S00151 TERMINAL C DESIGN AND PROJECT OVERSIGHT SERVICES TO PROVIDE CONSTRUCTION PHASE OAR SERVICES FOR **V-S00045** TERMINAL C TRASH ROOM PLATFORMS, AT THE ORLANDO INTERNATIONAL AIRPORT.

**J.** REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC., DBA ARDMORE RODERICK FOR DESIGN PHASE OWNER'S AUTHORIZED REPRESENTATIVE SERVICES FOR **V-01013**, AIRSIDE 1 AND 3 WINGS 2-5 RAMP LEVEL CORRIDOR AND STAIR REFURBISHMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.

**K.** REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC., DBA ARDMORE RODERICK FOR DESIGN PHASE OWNER'S AUTHORIZED REPRESENTATIVE SERVICES FOR **V-01014**, AIRSIDE 1 WING 5 RAMP LEVEL RESTROOM REFURBISHMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.

**L.** 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-01015** AIRSIDE 3 WING 3 RAMP LEVEL RESTROOM REFURBISHMENTS, AT THE ORLANDO INTERNATIONAL AIRPORT.

**M.** REQUEST FOR APPROVAL OF AN ADDENDUM TO THE TECHNOLOGY AND MULTI-MEDIA SYSTEMS SPECIALTY ENGINEER FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH BURNS ENGINEERING INC. FOR **W-S00151** TERMINAL C DESIGN AND PROJECT OVERSIGHT SERVICES FOR THE FIS PIER MODE LEDS DESIGN FOR THE SOUTH TERMINAL C, PHASE 1 TECHNOLOGY AND MULTI-MEDIA SERVICES (W-S00113), AT THE ORLANDO INTERNATIONAL AIRPORT.

## V. INFORMATION ITEMS

**A.** Field Change Order (FCO) Log

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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 (www.orlandoairports.net). Please contact the Chief Administrative Officer, Ms. Yovannie Rodriguez, with questions at (407) 825-7105.

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**The next Construction Committee Meeting is scheduled for Tuesday, December 19, 2023, at 9:00 a.m.**

# CONSTRUCTION COMMITTEE MEETING AGENDA

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

**I. CALL TO ORDER/ ROLL CALL/ ANNOUNCEMENTS**

**II. CONSIDERATION OF MINUTES [THIS SECTION INTENTIONALLY LEFT BLANK.]**

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**IV. NEW BUSINESS**

**GENERAL**

**A.** REQUEST FOR APPROVAL OF THE PROPOSAL FOR DESIGN COST ESTIMATING FOR **BP-S00196**, TERMINAL C, PHASE 1X, AIRFIELD CIVIL, APRON AND TAXIWAY PAVING AND GROUND SUPPORT EQUIPMENT FACILITY, AT THE ORLANDO INTERNATIONAL AIRPORT, HNTB JOB NO. 61581.

**B.** REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING ELECTRICAL CONSTRUCTION SERVICES AGREEMENT WITH ELECTRIC SERVICES, INC. FOR **E-S00020** ELECTRICAL BHS LIGHTING IMPROVEMENTS, AT THE ORLANDO INTERNATIONAL AIRPORT.

**C.** REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH GOMEZ CONSTRUCTION COMPANY FOR **V-S00045** TERMINAL C ENHANCEMENTS TRASH ROOM PLATFORMS, AT THE ORLANDO INTERNATIONAL AIRPORT.

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**The next Construction Committee Meeting is scheduled for Tuesday, December 19, 2023, at 9:00 a.m.**

# CONSTRUCTION COMMITTEE MEETING
# CHANGE ORDER AGENDA
## Tuesday, December 5, 2023

| ITEM | CHANGE ORDER | AMOUNT | TIME IMPACT | DESCRIPTION OF CHANGE |
|---|---|---|---|---|
| **III-A** | BP-S00184-17 | $19,742.89 | 0 (Substantial)<br>0 (Final) | FINAL CHANGE ORDER<br><br>Buildout of LST Level 1 North & South (Design/Build)<br><br>**Contractor: Gomez Construction Company** |
| **III-B** | BP-S00193-10 | $9,660.09 | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>South Employee Lot<br><br>**Contractor: McCree Design Builders, Inc.** |
| **III-C** | BP-S00193-11 | $6,219.00 | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>South Employee Lot<br><br>**Contractor: McCree Design Builders, Inc.** |
| **III-D** | BP-S00199-08 | ~~$24,452.00~~<br>**($12,965.00)** | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>Train Station PDL Parking Lots (Design/Build)<br><br>**Contractor: The Middlesex Corporation** |
| **III-E** | V-00981-01 | $32,943.24 | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>Hyatt 4th Floor Water Heater Piping Repair<br><br>**Contractor: Gomez Construction Company** |

***Requires Board approval.**

# CONSTRUCTION COMMITTEE MEETING
# CHANGE ORDER AGENDA
## Tuesday, December 5, 2023

| ITEM | CHANGE ORDER | AMOUNT | TIME IMPACT | DESCRIPTION OF CHANGE |
|---|---|---|---|---|
| **III-A** | BP-S00184-17 | $19,742.89 | 0 (Substantial)<br>0 (Final) | FINAL CHANGE ORDER<br><br>Buildout of LST Level 1 North & South (Design/Build)<br><br>**Contractor: Gomez Construction Company** |
| **III-B** | BP-S00193-10 | $9,660.09 | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>South Employee Lot<br><br>**Contractor: McCree Design Builders, Inc.** |
| **III-C** | BP-S00193-11 | $6,219.00 | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>South Employee Lot<br><br>**Contractor: McCree Design Builders, Inc.** |
| **III-D** | BP-S00199-08 | $24,452.00 | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>Train Station PDL Parking Lots (Design/Build)<br><br>**Contractor: The Middlesex Corporation** |
| **III-E** | V-00981-01 | $32,943.24 | 0 (Substantial)<br>0 (Final) | VARIOUS REVISIONS<br><br>Hyatt 4th Floor Water Heater Piping Repair<br><br>**Contractor: Gomez Construction Company** |

***Requires Board approval.**

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | | | |
|---|---|---|---|---|---|
| **CHANGE ORDER NO.** | **17** | **AMOUNT** | **$19,742.89** | **Extension Of Time (Subst.):** | **0 Days** |
| | | | | **Extension Of Time (Final):** | **0 Days** |

| | | |
|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00184 Buildout of LST Level 1 North & South (D/B) | DATE: 12/05/2023 |
| CONTRACTOR: | Gomez Construction Company | |
| A/E: | N/A | |

DESCRIPTION OF CHANGE TO CONTRACT: **FINAL CHANGE ORDER**

**Item #1 (COR 11):** This is a negotiated settlement for all costs associated with the revisions identified in Change Order Request 11, to incorporate changes that were made between the 95% and 100% construction documents. Revisions include modifications to wall framing and drywall, and mechanical, building automation, electrical, and fire alarm systems.
**Add: $89,494.89**

**Item #2:** Reduce the Owner's Allowance by **$69,752.00**, from **$69,752.00** to **$0.00** to cover the partial cost of Item #1 above. **Deduct: ($69,752.00)**.

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

REASON FOR CHANGE:

**Item #1: Design Progression -** The original contract pricing was based on the 95% design submittal. This change represents a negotiated price for revisions to the design based on Owner's needs and field conditions. Revisions include a credit for drywall and framing changes, and added costs for air conditioning ductwork, exhaust fans, electrical panels and power outlets for communication rooms, conduit for the emergency communication system, and fire alarm.

**Item #2: Allowance Reconciliation –** Reduction of Owner's allowance to cover partial cost of Item #1 above.

SOURCE OF FUNDS: Previously Approved General Airport Revenue Bonds

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

EXPLAIN:

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

| | | |
|---|---|---|
| Contractor's Original RCO Submission | $ **89,494.89** | |
| GOAA/OAR Estimate | $ **92,623.05** | |
| (a) Change Contract Amount By | | **$ 19,742.89** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | **$ 19,742.89** |

| | | |
|---|---|---|
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | Omissions | $ 0.00 |
| | Errors | $ 0.00 |

PREPARED BY: Jamie McGonagill PHONE: X6565

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

| GOAA's CEF Consultant ANSER ADVISORY | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| | 11/21/2023 | 11/29/2023 | ZTG * | VHinds - 11/29/23 |

*Note: Final pricing agreed to between the Owner and Contractor as a negotiated settlement.



CC
ITEM III-A
12/5/2023

Gomez Construction Company
750 Jackson Avenue
Winter Park, Florida 32789
407-628-4353 phone
407-645-2499 fax

11/17/2021

# BP-184 STC-DB Build Out

**Summary of Work Included:**
Revisions from 95% to 100% drawings.
Back up attached addresses each trade.

| Code | Description of the Item | Est. QTY | Unit | Unit Cost | Total Cost | Subcontractor / Supplier |
|---|---|---|---|---|---|---|
| 1000 | GCC Project Support Equipment | 1 | LS | 0.00 | $ - | GCC |
| 1220 | GCC Labor Support | 1 | LS | 0.00 | $ - | GCC |
| 1230 | Project Manager | 1 | LS | 0.00 | $ - | GCC |
| 1231 | GCC Superintendent | 1 | LS | 0.00 | $ - | GCC |
| 092220 | Drywall contractor revisions | 1 | LS | -7,279.00 | $ (7,279.00) | Towers |
| 092220 | Reduced Ceiling Height | 1 | LS | -13,975.00 | $ (13,975.00) | Towers |
| 230000 | Revised-Added HVAC Scope | 1 | LS | 35,040.50 | $ 35,040.50 | JB Mechanical |
| 230548 | Revised-Added Controls Scope | 1 | LS | 6,575.00 | $ 6,575.00 | MC2 |
| 260000 | Revised-Added Electrical Scope | 1 | LS | 45,725.00 | $ 45,725.00 | Berg |
| 283100 | Revision-Additions Fire Alarm | 1 | LS | 16,040.00 | $ 16,040.00 | Convergint |
| | | 1 | LS | 0.00 | $ - | |
| | | 1 | LS | 0.00 | $ - | |
| | | | | | $ 82,126.50 | |
| | GCC Mark-Up | 8.00% | | | $ 6,570.12 | |
| | Subtotal | | | | $ 88,696.62 | |
| 01015 | Bond (In reconciling C.O.) and GL Insurance | 0.9% | | | $ 798.27 | |
| | **Grand Total Building Costs** | | | | **$ 89,494.89** | |

Notes
1
2

| | MWBE/LDB Subcontractors | % of Contract | Subcontract Amount |
|---|---|---|---|
| 1 | | 0.00% | |
| 2 | | 0.00% | |
| | **Total Amount MWBE Subcontractors** | 0.00% | $ - |

| | | | | | |
|---|---|---|---|---|---|
| | **GCC Project Support** | | | | |
| 01231 | GCC Superintendent | 0 | WKS | 2,500.00 | $ - |
| 1230 | GCC Project Manager | 0 | WKS | 2,800.00 | $ - |
| 01220 | GCC Labor Support | 0 | WKS | 1,024.00 | $ - |
| | **GCC Project Support Equipment** | | | | |
| 01234 | Truck | 0 | MO | 800.00 | $ - |
| 01514 | Telephone | 0 | MO | 500.00 | $ - |
| 1518 | Temp Toilet | 0 | MO | 250.00 | $ - |
| | Temp Fuel | 0 | MO | 500.00 | $ - |
| 01720 | Final Cleanup (performed daily by Laborers) | 0 | days | 300.00 | $ - |
| 01732 | Dumpsters | 0 | EA | 375.00 | $ - |
| | | | Total | | $ - |

8600 Commodity Circle, Unit 170
Orlando, FL 32819
407.709.0101

To: **Gomez Construction**
750 Jackson Ave.
Winter Park, FL 32789
Phone #: 407-628-4353
Fax #:
Attention: Steve Corrow
Email: scorrow@gomezconstruction.com

Original Bid Date: 11.4.2021
Project: BP-S00184 STC Buildout of Tenant Spac
Address: 11140 Canal Rd. Orlando, FL 32827
Drawings Date:
Addendums:
Revision: RCO#2

***Scope:*** ***RCO #2 100% drawings changes***

Cost impact due to changes in 100% drawings.

Deduction of $7,279.00

**Total Amount: $ (7,279.00)**

**Proposal expires after** 30 days from bid date stated above.

Respectfully submitted,

*Ruben Martínez*

Email: rmartinez@towerscc.com Cell # 407-709-0101

8600 Commodity Circle, Unit 170
Orlando, FL 32819
407.709.0101

To: **Gomez Construction**
750 Jackson Ave.
Winter Park, FL 32789
Phone #: 407-628-4353
Fax #:
Attention: Steve Corrow
Email: scorrow@gomezconstruction.com

Original Bid Date: 11.4.2021
Project: BP-S00184 STC Buildout of Tenant Spac
Address: 11140 Canal Rd. Orlando, FL 32827
Drawings Date:
Addendums:
Revision: RCO#2

***Scope:*** ***RCO #3 Wall height change***

Lower height of multiple walls due to MEP and other items in the way of walls.
Change 7/8" 20ga hat channel for 1 5/8" studs at wall type CD-8 due to electrical boxes thickness.

**Deduction of $13,975.00**

**Total Amount: $ (13,975.00)**

**Proposal expires after** 30 days from bid date stated above.

Respectfully submitted,

*Ruben Martínez*

Email: rmartinez@towerscc.com Cell # 407-709-0101

# J. B. MECHANICAL INC.

## MECHANICAL CONTRACTOR

MBE CERTIFIED

**Project: BP-S00184 STC Build Out**
**Date: June 29, 2021**
**Drawings/Specs: M-0.0.01 Thru M-2.1.08** **Date: 6/4/2021**
**Addendum:**

**Scope of Work:** PROVIDE ALL MATERIALS AND LABOR PER ABOVE REFERENCED DRAWINGS AND/OR SPECIFICATIONS TO INCLUDE THE FOLLOWING:

- EQUIPMENT: (2) CHW/DX Chilled Water Unit as specified.
- PIPING: Hydronic piping and refrigerant piping as per plans and specs.
- DUCTWORK: Smacna approved sheet metal wrap with 2" thick duct wrap and with R-6 foil flex runoffs.
- CONTROLS: By others not included in bid.
- TEST & BALANCE: Provided by certified, independent agency with fee paid J B Mechanical Inc.
- GRILLES: As per plans and specifications.
- DAMPERS: (14) Fire damper and (8) Fire smoke dampers with access door.
- VAV: (29) Variable air volume terminal units as specified.
- CONTROLS COORDINATION: Include coordinating with controls subcontractor.
- HOLE CUTTING: Hole cutting for drywall only. ( Concrete or block wall cutting by others)
- SUPERIVISION: Price to include additional labor for supervision and coordination meetings.
- EXHAUST FANS: (2) Exhaust fans as specified.
- PUMPS: (2) Inline pumps to be furnished by control contractor and installed by J B Mechanical Inc.

**Exclusions:** Power wiring, fire alarm wiring, roof work, structural support, hole cutting for concrete and block wall, painting, motor starters, gas piping, dumpster, hole patching, concrete pads, disconnect switches, plumbing, access panels, condensate drain piping by plumbing contractor and bond premium.

**Total Including Tax: $399,500**

Respectfully Submitted,

Jimie Bornett

**Jimie Bornett**

**1631 Rock Springs Rd Suite 345 ~ Apopka, Florida 32712 ~ Phone (407) 814-9399 ~ Fax (407) 814-9307**
License CMC 1249488

Revised Drawings

| | 95% | 100% | Difference |
|---|---|---|---|
| Ductwork lbs | 5,764 | 6,502 | 738 |
| Ductwork cost | $18,365 | $24,835 | $6,470 |
| Spiral duct | $7,185 | $9,595 | $2,410 |
| Diffusers | 127 | 139 | 12 |
| Diffusers cost | $9,500 | $10,250 | $750 |
| Fire dampers and smoke dampers | 18 | 22 | 4 |
| Fire dampers and smoke dampers cost | $4,080 | $6,330 | $2,250 |
| Exhaust fan | 0 | 2 | $770 |
| Insulation | $31,000 | $35,000 | $4,000 |
| Inline pumps | 0 | 2 | 2 |
| | | Total | Total |
| Labor to Install | | $15,250 | $15,250 |
| | | | $31,855.00 |
| 10% Profit | | | $3,185.50 |
| Total | | | $35,040.50 |

Respectfully submitted,
Jimie Bornett

100% Drawings: $132,575.00
95% Drawings: $126,000
Variance: $6,575

# Project Proposal and Scope

***Project: South Terminal Complex Landside Terminal BP-S00184 STC Build-Out Tenant Space LST L1***

***Proposal #: STC- 06-29-2021***

Bid Date: 06-29-2021

Proposal Date: 06-29-2021

**MC² Inc.** is an authorized field representative for Schneider Electric, TAC, Invensys, Andover Controls, and PELCO. MC² Inc's scope of work includes furnishing and installing an Energy Management and Direct Digital Control System to meet the intent of the owner and as defined herein after. Under this proposal we will furnish and install, select the proper devices and deliver to the project site, provide the required installation, make all calibrations, adjustments, and the necessary commissioning. We will instruct the operating personnel and guarantee the equipment for the specified period. Warranties extended by MC², Inc. on items purchased for this project shall not exceed the warranties granted to MC², Inc. by its suppliers. All applicable taxes are included unless otherwise noted. ***"The standard terms and conditions of sale are attached and are a part hereto"***

Specification Section: 230900

Plans & Specifications Dated: 06/04/2021 100% Drawings

Architect/Engineer: C&S Engineering, Inc. / SGM Engineering

GC: Gomez

Through Addendum Number:

**Base Bid: $ 132,575.00**

**(One hundred thirty-two thousand five hundred seventy-five dollars and zero cents)**

**We include the Following:**

☒ Engineered submittals, installation, and checkout of **MC² Inc.** furnished systems and devices.

☒ Extension of the Existing Control System NTC/STC GOAA Fiber Networked Master Building Direct Digital Control System
- ✓ Provide Graphical User Interface Screens for all HVAC equipment to include floor plans and menu systems.
- ✓ Provide all time of day schedules, local and remote alarms, and data point trend logs.

☒ Building Automation Server \ Web Server Panel to include:
- ✓ Provide Automation Server Network Controller \ Web Server Panel with 10/100 Mbit Ethernet Port, RS-485 bus, BACnet MS/TP, BACnet Ethernet and Ethernet IP Driver, and Web Browser Support. *Owner to provide IT connection for Automation Server Network Controller on their local intranet for access to BAS System from any computer with a standard web browser.*
- ✓ Provide graphical user interface screens for all HVAC equipment to include floor plans.
- ✓ Provide all time of day schedules, local and remote alarms, and data point trend logs as required.

☒ **(Qty. 2)** Exhaust fans to include:
- ✓ Provide control relay and current switch for fan start/stop and status for monitoring and alarming.

☒ **(Qty. 2)** Packaged air conditioning unit with dual chilled water/DX Coil Systems to include:
- ✓ Provide DDC Controller in a NEMA 1 enclosure complete with transformer.
- ✓ Provide control relay and current switch for fan start/stop and status for monitoring and alarming.
- ✓ Provide Supply and Space temperature sensors.
- ✓ Provide Leak detector, flow switch-chws main to coil for monitoring and alarming
- ✓ Provide Condensate Pump Control

☒ **(Qty. 29)** VAV Terminal Box DDC Controllers for factory mounting by terminal box manufacturer to include:
- ✓ Provide DDC Controller with integral damper actuator and air flow CFM sensor.
- ✓ Provide temperature, humidity and CO2 space sensor with digital display, set-point adjustment, and occupancy override.
- ✓ Provide (29) supply air temperature sensor for terminal units with Reheat.
- ✓ Low voltage power wiring to DDC Controllers on VAV w/o Electric Reheat.
- ✓ Provide connection to occupancy sensor installed by division 26.

**Items highlighted in red are as applicable, adjust accordingly to the associated project.**

☒ Provide support to 3rd Party Commissioning Agent.
☒ Freight Onboard Destination including all applicable taxes.
☒ Coordination with Test and Balance Contractor.
☒ Owner/Operator Training limited to that as specified.
☒ Operations and maintenance manuals.
☒ Five (3) Year Warranty to include service labor on site.
☒ Boiler monitoring and Miscellaneous alarm monitoring as specified.
☒ Heat Exchanger control and Fuel Oil monitoring.
☒ Emergency Generator monitoring.
☒ All equipment used for smoke control listed UL864 & UL555.
☒ Florida Use Tax.
☒ System commissioning and testing with reports as specified.

***Clarifications:***

☒ No materials or labor are included that are not specifically mentioned in this proposal.
☒ All equipment used for smoke control listed UL864 & UL555.
☒ Electric Installation including conduit for **MC² Inc.** furnished Systems and Devices including:
- ✓ All concealed but accessible wiring will be installed using UL Plenum Rated wire.
- ✓ All exposed wiring will be installed in EMT or Rigid as specified and required.
- ✓ All wiring within walls will be installed in specified conduit/raceway system.
- ✓ Power wiring to Terminal Box DDC controls no served by a circuit provided by Div. 16/26.
  - *Note: Any installation specified to be provided by the Div.- 16/26 is not included.*

☒ All wiring 110/120VAC and above by Div.- 16/26.
☒ Building Network (LAN) drops by others.
☒ All work to be performed during normal working hours.
☒ All pricing is based on plans, specifications and addendums as dated on page one (1) of this proposal.

***Not included in this Proposal:***

☒ *3rd Party Commissioning unless mentioned above is excluded.*
☒ *Fume Hood Controls, Exhaust Air Venturi Valves, and Supply Air Venturi Valve.*
☒ *BIM Implementation Plan.*
☒ *Differential Pressure Control Valves*
☒ *NETWORK DATA DROPS (PROVIDED BY IT CONTRACTOR) SHALL BE INSTALLED INTERNAL TO EACH DDC PANEL*
☒ *DX IP Bacnet Gateways*
☒ *Lighting Controls – 3rd party interface wiring*
☒ *Dimming System*
☒ *Smoke Dampers with End Switches*
☒ *Smoke Testing*
☒ *Laptop Or New Network Central System Computer Workstations*
☒ *VFD's (By Others)*
☒ *SS Dampers*
☒ *Demolition Work including cutting patching and painting*
☒ *Web-based AMBCx (automated monitoring based commissioning)*
☒ *Web-based APEO(automated predictive energy optimization)*
☒ *Any work shown on the plumbing and or electric drawings that is not mentioned above is excluded.*
☒ *Duct Smoke Detectors, test stations and Fire Alarm HVAC shutdown to include terminations.*
☒ *Fire Dampers, Fire / Smoke Dampers with electric actuators and end switches as specified.*
- ✓ *Power or control interlock wiring to F/SD's.*

- ☒ *Eaton's Powernet Chiller Meters (Provided and install By Others)*
- ☒ *T&B (By Others)*
- ☒ *Generator Interface*
- ☒ *Fire Pump Interface*
- ☒ *GOAA Fiber Optic Communications*
- ☒ *GOAA Fiber Optic patch panels*
- ☒ *Factory Mounting costs for MC² Inc. furnished controllers or equipment.*
- ☒ *VAV/FTU Duct Air Flow Sensors, control transformers, UL enclosure with disconnect or relays.*
- ☒ *System control dampers and actuators, to include AHU control dampers, unless specified elsewhere within this proposal.*
- ☒ *Dampers supplied with HVAC Manufacturers equipment as specified.*
- ☒ *Wall Louvered automatic control dampers and actuators.*
- ☒ *AHU Air Flow Station with transmitter unless specified elsewhere within this proposal.*
- ☒ *Setting in place of wells, pressure taps, dampers & valve bodies.*
- ☒ *Chiller operating controls.*
  - ✓ *Refrigeration Leak detection system and alarming devices.*
  - ✓ *Chiller operating safety devices.*
- ☒ *Cooling tower makeup water system valves/solenoids.*
- ☒ *Cooling tower vibration safety switches.*
- ☒ *Wiring of Water Treatment System.*
- ☒ *Boiler operating controls.*
- ☒ *Variable Frequency Drives unless specified elsewhere within this proposal.*
- ☒ *Starters including Hand - Off - Auto switches.*
- ☒ *Humidifiers and Safeties unless specified elsewhere within this proposal.*
- ☒ *Local Heat Wheel controls unless specified elsewhere within this proposal.*
- ☒ *Any 120VAC power wiring.*
- ☒ *Underground trenching or back-fill.*
- ☒ *Wall louvers.*
- ☒ *Access doors.*
- ☒ *Demolition Work including cutting, patching, or painting.*
- ☒ *O.C.I.P insurance breakouts will be provided at a later date.*
- ☒ *Premium Working Hours.*
- ☒ *Submitted pricing is based on functional and compatible infrastructure and peripheral performance conditions - including but not limited to: electrical, pumping / flows, utility provision, structural, engineering or any kind, accessibility / work space, and Governing Safety / OSHA guidelines- anything not compatible will be deemed as a add or change order to be quoted and billable as such.
- ☒ Contingent on mutually agreed and defined work schedule, any modification to schedule would need to be made, and mutually agreed to in advance; and will subject to potential cost increases / change orders.
- ☒ Obsoleted components, or products
- ☒ Temporary Cooling
- ☒ Any prior or existing code violations upgrades, permits
- ☒ BAS/ EMS controls, control integration, life safety interface of any kind
- ☒ Performance or Guaranteed savings
- ☒ *Anything not directly stated herein is to be considered excluded

"The standard terms and conditions of sale are attached and are a part hereto"

This proposal is valid for 45 days.

TERMS: NET 30 DAYS

Accepted for: _____

By _____

Title _____

Date _____

**MC², Inc.**
2290 West Airport Blvd.
Sanford, FL 32771
Phone: (407) 859-6802 FAX: (407) 859-3801

By *MC² Estimating Department*

## Condition of Sale

All goods, services, and Firmware furnished by $MC^2$ Inc. ("Supplier") are governed by these standard terms and conditions, and every agreement or other undertaking by Supplier is expressly conditioned on assent hereto by the buyer, and any end user with whom Supplier undertakes to deal, of Supplier's goods, services, and Firmware ("Customer"). These standard terms and conditions supersede all inconsistent printed terms submitted by Customer prior to Supplier's order acknowledgment. They may be varied only by a typed or legibly handwritten notation on the face of Supplier's quotation or order acknowledgment, Customer's purchase order form, or similar documents. Product and sales policy sheets and the like published from time to time by Supplier shall supplement but not supersede these standard terms and conditions. SUPPLIER IS NOT BOUND TO FURNISH ITS GOODS, SERVICES OR FIRMWARE EXCEPT IN ACCORDANCE WITH THE TERMS OF ITS ORDER ACKNOWLEDGMENT, FIRM QUOTATION, OR OTHER SIMILAR DOCUMENT ISSUED OVER THE SIGNATURE OF AN AUTHORIZED EMPLOYEE OF SUPPLIER. SUPPLIER'S REPRESENTATIVES, DISTRIBUTORS, DEALERS AND OTHER NON-EMPLOYEES HAVE NO AUTHORITY TO BIND SUPPLIER.

1. **Firmware.** The terms "goods" as used herein shall include Firmware which shall mean the set of instructions, consisting of symbolic language, processes, logic, routines, and programmed information in the form of firm or soft media relating to any of the goods and all revisions and modifications thereof.

2. **Price/Delivery Terms.** Unless otherwise provided on Supplier's order acknowledgment, price and delivery terms are FOB Supplier's plant and do not include sales, use, or other taxes. Supplier may, at its option, make partial shipments and invoice for same.

3. **Payment/Credit/Security.** Payment terms for buyers with a credit standing deemed adequate by Supplier are net 30 days from date of invoice. Supplier shall be entitled to charge interest thereafter at a rate permitted by law, but in no event to exceed 1-1/2% per month. Whenever Supplier in good faith deems itself insecure, Supplier may cancel any outstanding contracts with Customer, revoke its extension of credit to Customer, reduce any unpaid debt by enforcing its security interest, created hereby, in all goods (and proceeds there from) furnished by Supplier to Customer, and take any other steps necessary or desirable to secure Supplier with respect to Customer's payment for goods and services furnished or to be furnished by Supplier.

   In the event Customer for any reason withholds payment of any amount due Supplier, Supplier may declare itself insecure and suspend further shipment to Customer until Customer places the withheld amount in escrow and gives adequate security for further shipment or until Customer satisfies Supplier that Customer was entitled to withhold such amount. Supplier shall be entitled to recover from Customer all costs, including reasonable attorney's fees, incurred by Supplier in connection with the collection of any amount due Supplier.

4. **Cancellation by Customer.**

(a). Except as provided in sub-paragraph (b) below, Customer's wrongful non-acceptance or repudiation of a contract to purchase Supplier's goods or services shall entitle Supplier to recover the price or, where an action for the price is not permitted by law, damages, as provided by law, including Supplier's lost profits. In this connection all goods purchased and all services furnished by Supplier in complete or partial fulfillment of a special order from Customer shall be deemed identified to the contract between Supplier and Customer.

(b). Customer's wrongful non-acceptance or repudiation of a contract to purchase from Supplier goods which Supplier generally carries in inventory as stock items (or which are otherwise readily resalable by Supplier at a reasonable price) shall entitle Supplier to recover damages, as provided by law, including Supplier's lost profits.

5. **Warranty.** Supplier warrants that all new and unused goods furnished by Supplier are free from defect in workmanship and material as of the time and place of delivery by Supplier. Except for goods and services furnished by Supplier through its employees arising out of orders solicited by Supplier's Representatives and duly accepted by Supplier, Supplier does not warrant, and shall not be liable for, the quality of any goods or services furnished or to be furnished by representatives, distributors, dealers or other non-employees of Supplier.

   As a matter of general warranty policy, Supplier honors an original buyer's warranty claim in the event of failure, within 12 months from the day of delivery by Supplier to the site for $MC^2$ Inc equipment and for Building Management Systems goods, which have been installed and operated under normal conditions and in accordance with generally accepted industry practices. This general warranty policy may be expanded or limited for particular categories of products or customers by information sheets published by Supplier from time to time:

   The express warranties provided above are in lieu of all other warranties, express or implied. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES ARE EXCLUDED WITH RESPECT TO ANY AND ALL GOODS AND SERVICES FURNISHED BY SUPPLIER.

   In case of Supplier's breach of warranty or any other duty with respect to the quality of any goods, the sole and exclusive remedies therefore shall be, at Supplier's option, (1) repair, (2) replacement, or (3) payment of or credit for the purchase price (less reasonable depreciation based upon actual use) upon return of the non-conforming goods or parts.

   Return authorization must be obtained from Supplier prior to the return of any defective material. All unauthorized returns will be sent back, freight collect, to the Customer. All returns must be made with transportation prepaid by the Customer. Supplier's examination of the units must disclose to its satisfaction that defects exist and have not been caused by misuse, neglect, improper installation, repair, alteration or accident before replacement is made or credit issued.

6. **Force Majeure.** Supplier and Customer assume the non-occurrence of the following contingencies which, without limitation, might render performance by Supplier impractical: strike, riots, fires, war, late or non-delivery by suppliers to Supplier, and all other contingencies beyond the reasonable control of supplier.

7. **No Consequential Damages.** Under no circumstances shall Supplier be liable to any person (including distributor) for loss of use, income, or profit or for incidental, special or consequential or other similar damages, arising, directly or indirectly out of or occasioned by the sale, operation, use, installation, repair or replacement of the goods or services, whether such damages are based on a claim of breach of express or implied warranties (including merchantability or fitness for a particular purpose), tortuous conduit (including negligence and strict liability) or any other cause of action, except only in the case of personal injury where applicable law requires such liability.

8. **Governing Law.** The law of the State of Florida shall govern all transactions to which these standard terms and conditions apply.

9. **Legal Compliance.** Supplier guarantees that the services to be performed and the goods to be provided herein, shall comply with all applicable federal, state and local laws, ordinances, regulations, orders and decrees, including without limitation such of the following acts as may be applicable: Federal Consumer Product Safety Act, Federal Fair Labor Standards Act, Occupational Safety and Health Act, Federal Hazardous Substances Labeling Act, Federal Flammable Fabrics Act, and any applicable environmental regulations.

**Prices in this quotation remain in effect for 45 days from date of issue.**

A Stark Tech Group Company

# Project Proposal and Scope

***Project: South Terminal Complex Landside Terminal BP-S00184 STC Build-Out Tenant Space LST L1***

***Proposal #: STC- 05-14-2021***

Bid Date: 05-26-2021

Proposal Date: 05-14-2021

**MC² Inc.** is an authorized field representative for Schneider Electric, TAC, Invensys, Andover Controls, and PELCO. MC² Inc's scope of work includes furnishing and installing an Energy Management and Direct Digital Control System to meet the intent of the owner and as defined herein after. Under this proposal we will furnish and install, select the proper devices and deliver to the project site, provide the required installation, make all calibrations, adjustments, and the necessary commissioning. We will instruct the operating personnel and guarantee the equipment for the specified period. Warranties extended by MC², Inc. on items purchased for this project shall not exceed the warranties granted to MC², Inc. by its suppliers. All applicable taxes are included unless otherwise noted. ***"The standard terms and conditions of sale are attached and are a part hereto"***

Specification Section: 230900

Plans & Specifications Dated: 05/12/2021

Architect/Engineer: C&S Engineering, Inc. / SGM Engineering

GC: Gomez

Through Addendum Number:

**Base Bid: $ 126,000.00**

**(One hundred twenty-six thousand dollars and zero cents)**

A1 - $27,720
A2 - $9,626
A3 - $605
A4 - $0
A5 - $8,606
A6 - $4,284
A7 - $2,142
A8 - $2,407
A9 - $4,788
A10 - $2,646
A11 - $45,234
A12 - $6,930
A13 - $2,192
A14 - $0
A15 - $8,820

**We include the Following:**

☒ Engineered submittals, installation, and checkout of **MC² Inc**. furnished systems and devices.

☒ Extension of the Existing Control System NTC/STC GOAA Fiber Networked Master Building Direct Digital Control System
- ✓ Provide Graphical User Interface Screens for all HVAC equipment to include floor plans and menu systems.
- ✓ Provide all time of day schedules, local and remote alarms, and data point trend logs.

☒ Building Automation Server \ Web Server Panel to include:
- ✓ Provide Automation Server Network Controller \ Web Server Panel with 10/100 Mbit Ethernet Port, RS-485 bus, BACnet MS/TP, BACnet Ethernet and Ethernet IP Driver, and Web Browser Support. *Owner to provide IT connection for Automation Server Network Controller on their local intranet for access to BAS System from any computer with a standard web browser.*
- ✓ Provide graphical user interface screens for all HVAC equipment to include floor plans.
- ✓ Provide all time of day schedules, local and remote alarms, and data point trend logs as required.

☒ **(Qty. 2)** Packaged air conditioning unit with dual chilled water/DX Coil Systems to include:
- ✓ Provide DDC Controller in a NEMA 1 enclosure complete with transformer.
- ✓ Provide control relay and current switch for fan start/stop and status for monitoring and alarming.
- ✓ Provide Supply and Space temperature sensors.
- ✓ Provide 3-way PIBCV with 24vac modulating actuator for the chilled water control.
- ✓ Provide (8) 3-way globe valve with 24vac modulating actuator for the chilled water control.
- ✓ Provide Leak detector, flow switch-chws main to coil for monitoring and alarming

☒ **(Qty. 29)** VAV Terminal Box DDC Controllers for factory mounting by terminal box manufacturer to include:

- ✓ Provide DDC Controller with integral damper actuator and air flow CFM sensor.
- ✓ Provide temperature, humidity and CO2 space sensor with digital display, set-point adjustment, and occupancy override.
- ✓ Provide (29) supply air temperature sensor for terminal units with Reheat.
- ✓ Low voltage power wiring to DDC Controllers on VAV w/o Electric Reheat.
- ✓ Provide connection to occupancy sensor installed by division 26.

**Items highlighted in red are as applicable, adjust accordingly to the associated project.**

- ☒ Provide support to 3rd Party Commissioning Agent.
- ☒ Freight Onboard Destination including all applicable taxes.
- ☒ Coordination with Test and Balance Contractor.
- ☒ Owner/Operator Training limited to that as specified.
- ☒ Operations and maintenance manuals.
- ☒ Five (3) Year Warranty to include service labor on site.
- ☒ Boiler monitoring and Miscellaneous alarm monitoring as specified.
- ☒ Heat Exchanger control and Fuel Oil monitoring.
- ☒ Emergency Generator monitoring.
- ☒ All equipment used for smoke control listed UL864 & UL555.
- ☒ Florida Use Tax.
- ☒ System commissioning and testing with reports as specified.

## ***Clarifications:***

- ☒ No materials or labor are included that are not specifically mentioned in this proposal.
- ☒ All equipment used for smoke control listed UL864 & UL555.
- ☒ Electric Installation including conduit for **MC² Inc**. furnished Systems and Devices including:
  - ✓ All concealed but accessible wiring will be installed using UL Plenum Rated wire.
  - ✓ All exposed wiring will be installed in EMT or Rigid as specified and required.
  - ✓ All wiring within walls will be installed in specified conduit/raceway system.
  - ✓ Power wiring to Terminal Box DDC controls no served by a circuit provided by Div. 16/26.
    - *Note: Any installation specified to be provided by the Div.- 16/26 is not included.*
- ☒ All wiring 110/120VAC and above by Div.- 16/26.
- ☒ Building Network (LAN) drops by others.
- ☒ All work to be performed during normal working hours.
- ☒ All pricing is based on plans, specifications and addendums as dated on page one (1) of this proposal.

## ***Not included in this Proposal:***

- ☒ *3rd Party Commissioning unless mentioned above is excluded.*
- ☒ *Fume Hood Controls, Exhaust Air Venturi Valves, and Supply Air Venturi Valve.*
- ☒ *BIM Implementation Plan.*
- ☒ *Differential Pressure Control Valves*
- ☒ *NETWORK DATA DROPS (PROVIDED BY IT CONTRACTOR) SHALL BE INSTALLED INTERNAL TO EACH DDC PANEL*
- ☒ *DX IP Bacnet Gateways*
- ☒ *Lighting Controls – 3rd party interface wiring*
- ☒ *Dimming System*
- ☒ *Smoke Dampers with End Switches*
- ☒ *Smoke Testing*
- ☒ *Laptop Or New Network Central System Computer Workstations*
- ☒ *VFD's (By Others)*
- ☒ *SS Dampers*
- ☒ *Demolition Work including cutting patching and painting*
- ☒ *Web-based AMBCx (automated monitoring based commissioning)*
- ☒ *Web-based APEO(automated predictive energy optimization)*
- ☒ *Any work shown on the plumbing and or electric drawings that is not mentioned above is excluded.*
- ☒ *Duct Smoke Detectors, test stations and Fire Alarm HVAC shutdown to include terminations.*
- ☒ *Fire Dampers, Fire / Smoke Dampers with electric actuators and end switches as specified.*
  - ✓ *Power or control interlock wiring to F/SD's.*
- ☒ *Eaton's Powernet Chiller Meters (Provided and install By Others)*
- ☒ *T&B (By Others)*

- ☒ *Generator Interface*
- ☒ *Fire Pump Interface*
- ☒ *GOAA Fiber Optic Communications*
- ☒ *GOAA Fiber Optic patch panels*
- ☒ *Factory Mounting costs for MC² Inc. furnished controllers or equipment.*
- ☒ *VAV/FTU Duct Air Flow Sensors, control transformers, UL enclosure with disconnect or relays.*
- ☒ *System control dampers and actuators, to include AHU control dampers, unless specified elsewhere within this proposal.*
- ☒ *Dampers supplied with HVAC Manufacturers equipment as specified.*
- ☒ *Wall Louvered automatic control dampers and actuators.*
- ☒ *AHU Air Flow Station with transmitter unless specified elsewhere within this proposal.*
- ☒ *Setting in place of wells, pressure taps, dampers & valve bodies.*
- ☒ *Chiller operating controls.*
  - ✓ *Refrigeration Leak detection system and alarming devices.*
  - ✓ *Chiller operating safety devices.*
- ☒ *Cooling tower makeup water system valves/solenoids.*
- ☒ *Cooling tower vibration safety switches.*
- ☒ *Wiring of Water Treatment System.*
- ☒ *Boiler operating controls.*
- ☒ *Variable Frequency Drives unless specified elsewhere within this proposal.*
- ☒ *Starters including Hand - Off - Auto switches.*
- ☒ *Humidifiers and Safeties unless specified elsewhere within this proposal.*
- ☒ *Local Heat Wheel controls unless specified elsewhere within this proposal.*
- ☒ *Any 120VAC power wiring.*
- ☒ *Underground trenching or back-fill.*
- ☒ *Wall louvers.*
- ☒ *Access doors.*
- ☒ *Demolition Work including cutting, patching, or painting.*
- ☒ *O.C.I.P insurance breakouts will be provided at a later date.*
- ☒ *Premium Working Hours.*
- ☒ *Submitted pricing is based on functional and compatible infrastructure and peripheral performance conditions - including but not limited to: electrical, pumping / flows, utility provision, structural, engineering or any kind, accessibility / work space, and Governing Safety / OSHA guidelines- anything not compatible will be deemed as a add or change order to be quoted and billable as such.
- ☒ Contingent on mutually agreed and defined work schedule, any modification to schedule would need to be made, and mutually agreed to in advance; and will subject to potential cost increases / change orders.
- ☒ Obsoleted components, or products
- ☒ Temporary Cooling
- ☒ Any prior or existing code violations upgrades, permits
- ☒ BAS/ EMS controls, control integration, life safety interface of any kind
- ☒ Performance or Guaranteed savings
- ☒ *Anything not directly stated herein is to be considered excluded

"The standard terms and conditions of sale are attached and are a part hereto"

This proposal is valid for 45 days.

TERMS: NET 30 DAYS

Accepted for: _____

By _____

Title _____

Date _____

**MC², Inc.**
2290 West Airport Blvd.
Sanford, FL 32771
Phone: (407) 859-6802 FAX: (407) 859-3801

By *MC² Estimating Department*

## Condition of Sale

All goods, services, and Firmware furnished by $MC^2$ Inc. ("Supplier") are governed by these standard terms and conditions, and every agreement or other undertaking by Supplier is expressly conditioned on assent hereto by the buyer, and any end user with whom Supplier undertakes to deal, of Supplier's goods, services, and Firmware ("Customer"). These standard terms and conditions supersede all inconsistent printed terms submitted by Customer prior to Supplier's order acknowledgment. They may be varied only by a typed or legibly handwritten notation on the face of Supplier's quotation or order acknowledgment, Customer's purchase order form, or similar documents. Product and sales policy sheets and the like published from time to time by Supplier shall supplement but not supersede these standard terms and conditions. SUPPLIER IS NOT BOUND TO FURNISH ITS GOODS, SERVICES OR FIRMWARE EXCEPT IN ACCORDANCE WITH THE TERMS OF ITS ORDER ACKNOWLEDGMENT, FIRM QUOTATION, OR OTHER SIMILAR DOCUMENT ISSUED OVER THE SIGNATURE OF AN AUTHORIZED EMPLOYEE OF SUPPLIER. SUPPLIER'S REPRESENTATIVES, DISTRIBUTORS, DEALERS AND OTHER NON-EMPLOYEES HAVE NO AUTHORITY TO BIND SUPPLIER.

1. **Firmware.** The terms "goods" as used herein shall include Firmware which shall mean the set of instructions, consisting of symbolic language, processes, logic, routines, and programmed information in the form of firm or soft media relating to any of the goods and all revisions and modifications thereof.

2. **Price/Delivery Terms.** Unless otherwise provided on Supplier's order acknowledgment, price and delivery terms are FOB Supplier's plant and do not include sales, use, or other taxes. Supplier may, at its option, make partial shipments and invoice for same.

3. **Payment/Credit/Security.** Payment terms for buyers with a credit standing deemed adequate by Supplier are net 30 days from date of invoice. Supplier shall be entitled to charge interest thereafter at a rate permitted by law, but in no event to exceed 1-1/2% per month. Whenever Supplier in good faith deems itself insecure, Supplier may cancel any outstanding contracts with Customer, revoke its extension of credit to Customer, reduce any unpaid debt by enforcing its security interest, created hereby, in all goods (and proceeds there from) furnished by Supplier to Customer, and take any other steps necessary or desirable to secure Supplier with respect to Customer's payment for goods and services furnished or to be furnished by Supplier.

   In the event Customer for any reason withholds payment of any amount due Supplier, Supplier may declare itself insecure and suspend further shipment to Customer until Customer places the withheld amount in escrow and gives adequate security for further shipment or until Customer satisfies Supplier that Customer was entitled to withhold such amount. Supplier shall be entitled to recover from Customer all costs, including reasonable attorney's fees, incurred by Supplier in connection with the collection of any amount due Supplier.

4. **Cancellation by Customer**.

(a). Except as provided in sub-paragraph (b) below, Customer's wrongful non-acceptance or repudiation of a contract to purchase Supplier's goods or services shall entitle Supplier to recover the price or, where an action for the price is not permitted by law, damages, as provided by law, including Supplier's lost profits. In this connection all goods purchased and all services furnished by Supplier in complete or partial fulfillment of a special order from Customer shall be deemed identified to the contract between Supplier and Customer.

(b). Customer's wrongful non-acceptance or repudiation of a contract to purchase from Supplier goods which Supplier generally carries in inventory as stock items (or which are otherwise readily resalable by Supplier at a reasonable price) shall entitle Supplier to recover damages, as provided by law, including Supplier's lost profits.

5. **Warranty.** Supplier warrants that all new and unused goods furnished by Supplier are free from defect in workmanship and material as of the time and place of delivery by Supplier. Except for goods and services furnished by Supplier through its employees arising out of orders solicited by Supplier's Representatives and duly accepted by Supplier, Supplier does not warrant, and shall not be liable for, the quality of any goods or services furnished or to be furnished by representatives, distributors, dealers or other non-employees of Supplier.

   As a matter of general warranty policy, Supplier honors an original buyer's warranty claim in the event of failure, within 12 months from the day of delivery by Supplier to the site for $MC^2$ Inc equipment and for Building Management Systems goods, which have been installed and operated under normal conditions and in accordance with generally accepted industry practices. This general warranty policy may be expanded or limited for particular categories of products or customers by information sheets published by Supplier from time to time:

   The express warranties provided above are in lieu of all other warranties, express or implied. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES ARE EXCLUDED WITH RESPECT TO ANY AND ALL GOODS AND SERVICES FURNISHED BY SUPPLIER.

   In case of Supplier's breach of warranty or any other duty with respect to the quality of any goods, the sole and exclusive remedies therefore shall be, at Supplier's option, (1) repair, (2) replacement, or (3) payment of or credit for the purchase price (less reasonable depreciation based upon actual use) upon return of the non-conforming goods or parts.

   Return authorization must be obtained from Supplier prior to the return of any defective material. All unauthorized returns will be sent back, freight collect, to the Customer. All returns must be made with transportation prepaid by the Customer. Supplier's examination of the units must disclose to its satisfaction that defects exist and have not been caused by misuse, neglect, improper installation, repair, alteration or accident before replacement is made or credit issued.

6. **Force Majeure**. Supplier and Customer assume the non-occurrence of the following contingencies which, without limitation, might render performance by Supplier impractical: strike, riots, fires, war, late or non-delivery by suppliers to Supplier, and all other contingencies beyond the reasonable control of supplier.

7. **No Consequential Damages.** Under no circumstances shall Supplier be liable to any person (including distributor) for loss of use, income, or profit or for incidental, special or consequential or other similar damages, arising, directly or indirectly out of or occasioned by the sale, operation, use, installation, repair or replacement of the goods or services, whether such damages are based on a claim of breach of express or implied warranties (including merchantability or fitness for a particular purpose), tortuous conduit (including negligence and strict liability) or any other cause of action, except only in the case of personal injury where applicable law requires such liability.

8. **Governing Law.** The law of the State of Florida shall govern all transactions to which these standard terms and conditions apply.

9. **Legal Compliance.** Supplier guarantees that the services to be performed and the goods to be provided herein, shall comply with all applicable federal, state and local laws, ordinances, regulations, orders and decrees, including without limitation such of the following acts as may be applicable: Federal Consumer Product Safety Act, Federal Fair Labor Standards Act, Occupational Safety and Health Act, Federal Hazardous Substances Labeling Act, Federal Flammable Fabrics Act, and any applicable environmental regulations.

**Prices in this quotation remain in effect for 45 days from date of issue.**

**June 28, 2021**

100%: $448,750
95%: $403,025
Variance: $45,725

**Peter Alvarez**
Gomez Construction Company
750 Jackson Ave.
Winter Park, FL 32789
Tel: 863-397-7952
Email: palvarez@gomezconstruction.com

Reference: OIA STC, Tenant Space LST L1 – **Rev2**
Orlando, FL
Estimate #21-125913

Peter,

Pursuant to your request, we are pleased to submit our electrical budget for the above referenced project, for your review and consideration. Our proposal is based upon bid documents dated June 4, 2021, RFI responses, reasonable assumptions, and as further delineated below.

| | | |
|---|---|---|
| **CLIN #001 – Site A1** | **$** | **77,135.00** |
| **CLIN #002 – Site A2** | **$** | **28,160.00** |
| **CLIN #003 – Site A3** | **$** | **1,260.00** |
| **CLIN #004 – Site A4** | **$** | **24,400.00** |
| **CLIN #005 – Site A5** | **$** | **5,835.00** |
| **CLIN #006 – Site A6** | **$** | **15,690.00** |
| **CLIN #007 – Site A7** | **$** | **6,495.00** |
| **CLIN #008 – Site A8** | **$** | **7,530.00** |
| **CLIN #009 – Site A9** | **$** | **15,185.00** |
| **CLIN #010 – Site A10** | **$** | **7,495.00** |
| **CLIN #011 – Site A11** | **$** | **164,170.00** |
| **CLIN #012 – Site A12** | **$** | **26,155.00** |
| **CLIN #013 – Site A13** | **$** | **8,030.00** |
| **CLIN #014 – Site A14** | **$** | **8,735.00** |
| **CLIN #015 – Site A15** | **$** | **21,325.00** |
| **CLIN #016 – Area 1 Employee Amenities** | **$** | **31,150.00** |
| **Fire Alarm System (Add)** | **$** | **N/A** |
| **Tel/Data System (Add)** | **$** | **N/A** |
| **Security System (Add)** | **$** | **N/A** |
| **Payment & Performance Bond (Add)** | | **1.07%** |

$403,025.00

**INCLUSIONS:**

1. Appropriate sales taxes. (6.50%)
2. Electrical permits
3. Eaton panels & studies
4. Wattstopper lighting control system.
5. Electrical connections to mechanical equipment.
6. Fire alarm system raceway.
7. Tel/Data system raceway.
8. Security system raceway.
9. Start-up and testing of electrical systems.

**CLARIFICATIONS:**

1. This bid proposal is based upon use of industry standard code approved materials and methods.
2. This proposal assumes that participation in an OCIP/CCIP program is not required.
3. MC Cable not utilized, per GOAA standards.
4. Adequate storage, staging, and parking to be made available on-site.
5. This bid assumes that all conduit and boxes will be installed prior to drywall.
6. Tel/Data rooms assumed to have existing racks and patch panels already installed.
7. Mechanical contractor to install duct smoke detectors.
8. All work will be performed during normal work hours.
9. We have assumed a construction schedule of six months.

**EXCLUSIONS:**

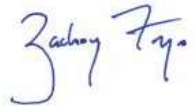
All costs associated with the following:

1. Temporary power and lighting.
2. Payment and performance bond (See adder above).
3. Utility charges and usage fees for permanent and/or temporary power.
4. Engineering costs.
5. All costs associated with MBE/SBE/SDVE participation.
6. Switchgear, breakers, and panels. All required equipment assumed to be existing.
7. Miscellaneous formed and/or finished concrete (i.e. housekeeping pads, barrier posts, etc.)
8. Furnishing and/or installation of access panels.
9. Cutting of furniture/millwork and special wall finishes for electrical devices.
10. Control wiring and raceway, regardless of voltage.
11. Waterproofing of roof/wall penetrations.
12. Cutting, patching, and painting of all surface types.
13. Plywood backboards.
14. Patching and repair of sprayed-on fireproofing.
15. Work required bringing existing conditions into current code compliance.
16. Modification, repair and replacement of existing conduits and/or utilities.
17. Costs for removal/abatement of hazardous/toxic materials.
18. Any costs associated with the following systems:
    - Fire alarm system.
    - Tel/Data system
    - Security system.
    - Speaker system.
19. Storage and/or installation of owner furnished equipment.
20. Boring/Coring.
21. X-raying of existing slabs and/or walls.
22. Third party or NETA testing.
23. Dumpster Fees.

This proposal will remain valid for a period of fifteen (15) days from the date of submission.

We thank you for the opportunity to present this proposal and trust that it meets with your approval. Please advise if you have any questions or if we can be of further assistance. You can reach me at (407) 859-8994.

Sincerely,
**Bergelectric Corp.**



Zachary Frye, LEED AP
Estimating Manager

| | | |
|---|---|---|
| Fixture Package - Sesco w/ Wattstopper Controls | $ | 24,500 |
| Eaton Panels w/ Coordination Study | $ | 15,000 |
| Equipment Feeders, Updated to Schedule | $ | 11,000 |
| Revised Power Drawings | $ | 6,500 |
| Revised Lighting Drawings w/ Controls | $ | 7,500 |
| Revised Fire Alarm Devices / Raceway | $ | 3,000 |
| Revised System Drawings | $ | 4,500 |
| General Conditions / Permits | $ | 2,850 |
| Commodity Increases | $ | 24,100 |
| **Total** | **$** | **98,950** |

Bergelectric Corp

**May 28, 2021**

**Peter Alvarez**
Gomez Construction Company
750 Jackson Ave.
Winter Park, FL 32789
Tel: 863-397-7952
Email: palvarez@gomezconstruction.com

Reference: OIA STC, Tenant Space LST L1 – **Rev1**
Orlando, FL
Estimate #21-125913

Peter,

Pursuant to your request, we are pleased to submit our electrical budget for the above referenced project, for your review and consideration. Our proposal is based upon bid documents dated May 12, 2021, RFI responses, reasonable assumptions, and as further delineated below.

| | | |
|---|---|---|
| **CLIN #001 – Site A1** | $ | **50,065.00** |
| **CLIN #002 – Site A2** | $ | **26,730.00** |
| **CLIN #003 – Site A3** | $ | **1,665.00** |
| **CLIN #004 – Site A4** | $ | **17,260.00** |
| **CLIN #005 – Site A5** | $ | **6,650.00** |
| **CLIN #006 – Site A6** | $ | **11,920.00** |
| **CLIN #007 – Site A7** | $ | **5,945.00** |
| **CLIN #008 – Site A8** | $ | **6,680.00** |
| **CLIN #009 – Site A9** | $ | **13,125.00** |
| **CLIN #010 – Site A10** | $ | **7,410.00** |
| **CLIN #011 – Site A11** | $ | **125,565.00** |
| **CLIN #012 – Site A12** | $ | **19,180.00** |
| **CLIN #013 – Site A13** | $ | **6,100.00** |
| **CLIN #014 – Site A14** | $ | **9,500.00** |
| **CLIN #015 – Site A15** | $ | **15,070.00** |
| **CLIN #016 – Area 1 Employee Amenities** | $ | **26,935.00** |
| ~~**Fire Alarm System (Add)**~~ | $ | ~~**155,250.00**~~ |
| ~~**Tel/Data System (Add)**~~ | $ | ~~**201,985.00**~~ |
| ~~**Security System (Add)**~~ | $ | ~~**67,965.00**~~ |
| **Payment & Performance Bond (Add)** | | **1.13%** |

Part of Site A1

**INCLUSIONS:**

1. Appropriate sales taxes. (6.50%)
2. Electrical permits
3. Electrical connections to mechanical equipment.
4. Fire alarm system includes speaker system (See adder above).
5. Tel/Data system (See adder above.)
6. Security System (See adder above)
7. Start-up and testing of electrical systems.

SubTotal: $349,800
Panels for IT rooms: $50,000
Added A12 Recept.: $1,800
Circuits for ECS: $1,425
Total: $403,025.00

**CLARIFICATIONS:**

1. This bid proposal is based upon use of industry standard code approved materials and methods.
2. This proposal assumes that participation in an OCIP/CCIP program is not required.
3. MC Cable not utilized, per GOAA standards.
4. Adequate storage, staging, and parking to be made available on-site.
5. This bid assumes that all conduit and boxes will be installed prior to drywall.
6. Tel/Data rooms assumed to have existing racks and patch panels already installed.
7. Mechanical contractor to install duct smoke detectors.
8. All work will be performed during normal work hours.
9. We have assumed a construction schedule of six months.

**EXCLUSIONS:**

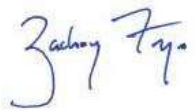
All costs associated with the following:

1. Temporary power and lighting.
2. Payment and performance bond (See adder above).
3. Utility charges and usage fees for permanent and/or temporary power.
4. Engineering costs.
5. All costs associated with MBE/SBE/SDVE participation.
6. Switchgear, breakers, and panels. All required equipment assumed to be existing.
7. Miscellaneous formed and/or finished concrete (i.e. housekeeping pads, barrier posts, etc.)
8. Furnishing and/or installation of access panels.
9. Cutting of furniture/millwork and special wall finishes for electrical devices.
10. Control wiring and raceway, regardless of voltage.
11. Waterproofing of roof/wall penetrations.
12. Cutting, patching, and painting of all surface types.
13. Plywood backboards.
14. Patching and repair of sprayed-on fireproofing.
15. Work required bringing existing conditions into current code compliance.
16. Modification, repair and replacement of existing conduits and/or utilities.
17. Costs for removal/abatement of hazardous/toxic materials.
18. Any costs associated with the following systems (See adders above):
    - CATV, CCTV, and MATV systems.
    - Security system.
    - Speaker system.
19. Storage and/or installation of owner furnished equipment.
20. Boring/Coring.
21. X-raying of existing slabs and/or walls.
22. Third party or NETA testing.
23. Dumpster Fees.

This proposal will remain valid for a period of thirty (30) days from the date of submission.

We thank you for the opportunity to present this proposal and trust that it meets with your approval. Please advise if you have any questions or if we can be of further assistance. You can reach me at (407) 859-8994.

Sincerely,
**Bergelectric Corp.**



Zachary Frye, LEED AP
Estimating Manager

## Peter Alvarez

**From:** Zachary Frye <zfrye@bergelectric.com>
**Sent:** Monday, June 7, 2021 2:21 PM
**To:** Peter Alvarez
**Subject:** Re: BP-S00184 Tenant/Vendor Build Out - Electrical Budget Pricing

**Follow Up Flag:** Follow up
**Flag Status:** Flagged

Peter,

Please see ROM pricing below:

- BLIN#001 - IDF Electric Panels - $50,000
  - Includes (4) 100A 18Ckt Panels w/ Feeders.
- ~~BLIN#002 - WiFi Backboxes - $5,200~~ Not included. To be added later with WIFI system
  - Includes (16) backboxes and conduit to closest IDF. Devices and wiring F&I by others.
- BLIN#003 - A12 Additional Rec - $1,800
  - New devices per provided drawings w/ associated branch.
- BLIN#004 - Ford AV Additional Ckts - $750
  - (1) 20A circuit w/ HR to nearest elec pnl.
- BLIN#005 - Ford AV UPS hookup - $675
  - (1) 20A circuit connection to UPS. UPS F&I by others.

Please let me know if you have any questions or need us to revised any assumptions.

ZF


Zachary Frye
*Estimating Manager*
p: 407-859-8994 m: 407-832-1152
a: 6100 Canal Road, Lot 001, Orlando, FL 32827
w: www.bergelectric.com e: zfrye@bergelectric.com






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**From:** Peter Alvarez <palvarez@gomezconstruction.com>
**Sent:** Monday, June 7, 2021 10:25 AM
**To:** Zachary Frye <zfrye@bergelectric.com>
**Subject:** RE: BP-S00184 Tenant/Vendor Build Out

995 West Kennedy Blvd., Suite 35
Orlando, FL 32810 Phone 407-814-0225

100%: $39,770
95%: $23,730
Variance: $16,040

## PROPOSAL

Date: June 30, 2021
Project: **BP-184 STC LST**
To: Gomez Construction Company
Attn: Peter Alvarez

From: Ryan Hall
Title: Account Executive
Email: ryan.hall@convergint.com
Phone: 321.228.9379

## PROJECT QUALIFICATIONS

**Convergint Technologies is pleased to propose the following scope(s) of work:**

**EST Fire Alarm System Additions / Modifications:** **$39,770.00** *(use tax inc.)*

Inclusions:

a. Provide equipment, wiring, shop drawings, installation, programming and testing as required to provide a complete and functioning system utilizing plans **100% Construction Documents dated 03/29/2021** and **Specification Section 28 31 00T**.
b. GOAA standard EST equipment is included to extend the system for the STC tenant improvement areas.
c. Price includes submittals, permit, as-built drawings, close out documentation, training, pre-test and final test with AHJ.
d. All fire alarm system cable shall be installed in a full conduit system (see exclusion a).
e. Devices to be added will be installed from the nearest existing device as an extension. Original circuits contain a minimum of 20% spare capacity.
f. Existing devices in spaces of construction will be safe-off and/or protected as necessary during construction.
g. Additional devices per spec section 1.12.B are included.
h. Zero (0) duct detectors have been included. Damper control functions are noted to be activated by common area smoke detection.

Exclusions:

a. Not to be limited to, all interior and exterior conduit, junction boxes, fittings, connectors, terminal cabinets, jet line/mule tape and 120vac, penetrations, where required, for a complete and operational system.
b. Installation of special back boxes provided by Convergint Technologies.
c. Lifts, scaffolding or fire sealing of any kind.
d. Convergint Technologies is not the Engineer of Record for this project. Should additional services or devices be required above and beyond that clearly shown on the contract design documents, additional fees may apply.

## CONVERGINT TECHNOLOGIES TERMS AND CONDITIONS

**Version 1.09 April 2017**

Throughout this Installation Proposal, the term, "Convergint" refers to the Convergint Technologies' affiliate operating in the state/province in which the work is being performed.

**SECTION 1. THE WORK**

This Installation Proposal takes precedence over and supersedes any and all prior proposals, correspondence, and oral agreements or representations relating to the work set forth in the attached scope of work ("Work"). This Installation Proposal commences on the Start Date as specified in the attached scope of work and represents the entire agreement between Convergint and Customer (the "Agreement"). In the event any provision of this Agreement is held to be invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force.

Convergint agrees in accordance with the mutually agreed project schedule:

a. To submit shop drawings, product data, samples and similar submittals if required in performing the Work;
b. To pay for all labor, materials, equipment, tools, supervision, programming, testing, startup and documentation required to perform the Work in accordance with the Agreement;
c. Secure and pay for permits and governmental fees, licenses and inspections necessary for proper execution and completion of the Work; and
d. Hire subcontractors and order material to perform part of the Work, if necessary, while remaining responsible for the completion of the Work.

Customer agrees in accordance with the mutually agreed project schedule, and at no cost to Convergint:

a. To promptly approve submittals provided by Convergint;
b. To provide access to all areas of the facility which are necessary to complete the Work;
c. To supply suitable electrical service as required by Convergint; and
d. That in the event of any emergency or systems failure, reasonable safety precautions will be taken by Customer to protect life and property during the period of time from when Convergint is first notified of the emergency or failure and until such time that Convergint notifies the Customer that the systems are operational or that the emergency has cleared.

**SECTION 2. PRICING**

Pricing and amounts proposed shall remain valid for 30 days unless otherwise specified. Price includes only the material listed based on Convergint's interpretation of plans and specifications unless noted otherwise. Additional equipment, unless negotiated prior to order placement, will be billed accordingly. Sales taxes, (and in Canada GST/PST) and any other taxes assessed on Customer shall be added to the price upon invoice to Customer.

**SECTION 3. INVOICE REMITTANCE AND PAYMENT**

Customer agrees to pay Convergint twenty-five (25%) percent of the total price as a mobilization fee at the time of executing this Agreement.

If the Work is performed over more than a month, Convergint will invoice Customer each month for the Work performed during the previous month. Customer agrees to pay the amount due to Convergint as invoiced, within thirty (30) days of the date of such invoice. If the Work is completed in less than one month, Customer agrees to pay Convergint in full after the Work has been performed within thirty (30) days of the date of being invoiced. Invoices shall not include or be subject to a project retention percentage. If Customer is overdue in any payment to Convergint, Convergint shall be entitled to suspend the Work until paid, and charge Customer an interest rate 1 and 1/2% percent per month, (or the maximum rate permitted by law, whichever is less), and may avail itself of any other legal or equitable remedy. Customer shall reimburse Convergint costs incurred in collecting any amounts that become overdue, including attorney fees, court costs and any other reasonable expenditure.

**SECTION 4. WARRANTY**

Convergint provides the following SOLE AND EXCLUSIVE warranty to the Customer:

For the period of one (1) year, commencing at the earlier of substantial completion of the Work, or first beneficial use, ("Warranty Period"):

a. That Work performed under this Agreement will be of good quality;
b. That all equipment will be new unless otherwise required or permitted by this Agreement;
c. That the Work will be free from defects not inherent in the quality required or permitted; and
d. That the Work will conform to the requirements of this Agreement.

The Customer's sole remedy for any breach of this warranty is that Convergint shall remove, replace and/or repair at its own expense any defective or improper Work, discovered within the Warranty Period, provided Convergint is notified in writing of any defect within the Warranty Period.

Any equipment or products installed by Convergint in the course of performing the Work hereunder shall only carry such warranty as is provided by the manufacturer thereof, which Convergint hereby assigns to Customer without recourse to Convergint. Upon request of Customer, Convergint will use commercially reasonable efforts to assist Customer in enforcing any such third-party warranties. This warranty excludes remedy for damage or defect caused by abuse, modifications not executed by Convergint, improper or insufficient maintenance, improper operation, or normal wear and tear under normal usage. NO FURTHER WARRANTIES OR GUARANTIES, EXPRESS OR IMPLIED, ARE MADE WITH RESPECT TO ANY GOODS OR SERVICES PROVIDED UNDER THIS AGREEMENT, AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED.

**SECTION 5. CHANGES**

Without invalidating this Agreement or any bond given hereunder, Customer or Convergint may request changes in the Work. Any changes to the Agreement shall be in writing signed by both Customer and Convergint. If Customer orders any additional work or causes any material interference with Convergint's performance of the Work, Convergint shall be entitled to an equitable adjustment in the time for performance and in the Agreement Price, including a reasonable allowance for overhead and profit.

**SECTION 6. FORCE MAJEURE**

Neither Customer nor Convergint shall be responsible or liable for, shall incur expense for, or be deemed to be in breach of this Agreement because of any delay in the performance of their respective obligations pursuant to this Agreement due solely to circumstances beyond their reasonable control ("Force Majeure") and without the fault or negligence of the party experiencing such delay. A Force Majeure event shall include, but not be limited to: accident, fire, storm, water, flooding, negligence, vandalism, power failure, installation of incompatible equipment, improper operating procedures, source current fluctuations or lighting. If performance by either party is delayed due to Force Majeure, the time for that performance shall be extended for a period of time reasonably necessary to overcome the effect of the delay. Any Services required by Convergint due to reasons set forth in this Force Majeure Section shall be charged to Customer in addition to any amounts due under this Agreement.

**SECTION 7. INSURANCE**

Convergint shall have the following insurance coverage during the term of this Agreement, and shall provide certificates of insurance to the Customer prior to beginning work hereunder:

| | |
|---|---|
| Worker's Compensation | Statutory Limits |
| Employer's Liability | $1,000,000 per occurrence /aggregate |
| Commercial General Liability | $1,000,000 per occurrence/aggregate |
| | $2,000,000 general aggregate |
| Automobile Liability | $1,000,000 per occurrence/aggregate |
| Excess/Umbrella Liability | $4,000,000 per occurrence/aggregate |

All insurance policies carried by Convergint shall be primary to and noncontributory with the insurance afforded to Customer and shall name the Customer as "additional insured", with respect to liability arising out of work performed by Convergint, as applicable, but only to the extent of liabilities falling within the indemnity obligations of Convergint, pursuant to the terms of this Agreement. Convergint shall provide to the Customer no less than thirty (30) days' notice prior to the termination or cancellation of any such insurance policy.

**SECTION 8. INDEMNIFICATION**

Convergint shall indemnify and hold Customer harmless from and against claims, damages, losses and expenses, attributable to bodily injury, sickness, disease or death, or to destruction of tangible property, but only to the extent caused by: a) the negligent or willful acts or omissions of Convergint or Convergint's employees or subcontractors while on Customer's site, or b) the malfunction of the equipment supplied by Convergint, or c) Convergint's breach of this Agreement.

IN NO EVENT SHALL EITHER CONVERGINT OR CUSTOMER BE LIABLE TO THE OTHER PARTY HERETO FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING COMMERCIAL LOSS, LOSS OF USE OR LOST PROFITS, EVEN IF THAT PARTY HAS BEEN ADVISED OF THE POSSIBILTY OF SUCH DAMAGES. IN NO EVENT WILL CONVERGINT BE LIABLE TO CUSTOMER FOR ANY AMOUNTS IN EXCESS OF THE AMOUNTS PAID BY CUSTOMER TO CONVERGINT.

It is understood and agreed by the parties hereto that Convergint is or may be providing monitoring and or intrusion products which are designed to provide notification of certain events but are not intended to be guarantees or insurers against any acts for which they are supposed to monitor or inform. Convergint's indemnification obligation pursuant to Section 8 herein, does not apply to the extent the loss indemnified against is caused by any monitoring or intrusion product or software provided by but not manufactured by Convergint. Convergint shall have **no** liability to Customer for any losses to the extent such losses are caused by the monitoring or intrusion product or software. Customer shall indemnify, defend, and hold harmless Convergint, from and against all claims, lawsuits, damages, losses and expenses by persons not a party to this Agreement, but only to the extent caused by such monitoring or intrusion product or software provided by but not manufactured by Convergint.

**SECTION 9. COMPLIANCE WITH LAW, SAFETY, & HAZARDOUS MATERIALS**

This Agreement shall be governed and construed in accordance with the laws of the state/province in which the Work is being performed. Convergint agrees to comply with all laws and regulations relating to or governing the Work. Convergint agrees to comply with all reporting requirements imposed by law or this Agreement. Convergint shall comply with all safety related laws and regulations and with the safety program of the Customer, provided such program is supplied to Convergint prior to beginning work.

In the event that Convergint discovers or suspects the presence of hazardous materials, or unsafe working conditions at Customer's facility where the Work is to be performed, Convergint is entitled to stop the Work at that facility if such hazardous materials, or unsafe working conditions were not provided by or caused by Convergint. Convergint in its sole discretion shall determine when it is "safe" to return to perform the Work at Customer's facility. Convergint shall have no responsibility for the discovery, presence, handling, removing or disposal of or exposure of persons to hazardous materials in any form at the Customer's facility. Customer shall indemnify and hold harmless Convergint from and against claims, damages, losses and expenses, including but not limited to, reasonable attorney's fees, arising out of or resulting from undisclosed hazardous materials, or unsafe working conditions at Customer's facility.

**SECTION 10. DISPUTES**

In the event of any dispute between Convergint and Customer, Convergint and Customer shall first attempt to resolve the dispute in the field, but if that is not successful, then in a meeting between authorized officers of each company. If settlement attempts are not successful, then the dispute shall be decided exclusively by arbitration. Such arbitration shall be conducted in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association currently in effect and shall be a final binding resolution of the issues presented between the parties. The prevailing party shall be entitled to recover its reasonable attorneys' fees and costs.

**SECTION 11. MISCELLANEOUS**

Neither party to this Agreement shall assign this Agreement without the prior written consent of the other party hereto. Convergint may assign this Agreement to any of its parents, subsidiaries or affiliated companies or any entity majority owned by Convergint.

Notices shall be in writing and addressed to the other party, in accordance with the names and addresses of the parties as shown above. All notices shall be effective upon receipt by the party to whom the notice was sent.

A waiver of the terms hereunder by one party to the other party shall not be effective unless in writing and signed by a person with authority to commit the Customer or Convergint and delivered to the non-waiving party according to the notice provision herein. No waiver by Customer or Convergint shall operate as a continuous waiver, unless the written waiver specifically states that it is a continuous waiver of the terms stated in that waiver.

The Sections regarding invoicing, warranty, and indemnity, and disputes shall survive the termination of this Agreement.

**BP-184 STC LST**

Purchaser: _____ Title: _____

Sign: _____ Date: _____

995 West Kennedy Blvd., Suite 35
Orlando, FL 32810 Phone 407-814-0225

## PROPOSAL

Date: May 18, 2021
Project: **BP-184 STC LST**
To: Gomez Construction Company
Attn: Peter Alvarez

From: Ryan Hall
Title: Account Executive
Email: ryan.hall@convergint.com
Phone: 321.228.9379

## PROJECT QUALIFICATIONS

**Convergint Technologies is pleased to propose the following scope(s) of work:**

**EST Fire Alarm System Additions / Modifications:** **$23,730.00** *(use tax inc.)*

Inclusions:

a. Provide equipment, wiring, shop drawings, installation, programming and testing as required to provide a complete and functioning system utilizing plans **95% Construction Documents dated 03/29/2021** and **Specification Section 28 31 00T**.
b. GOAA standard EST equipment is included to extend the system for the STC tenant improvement areas.
c. Price includes submittals, permit, as-built drawings, close out documentation, training, pre-test and final test with AHJ.
d. All fire alarm system cable shall be installed in a full conduit system (see exclusion a).
e. Existing devices in spaces of construction will be safe-off and/or protected as necessary during construction.
f. Additional devices per spec section 1.12.B are included.
g. Zero (0) duct detectors have been included in this budget.

Exclusions:

a. Not to be limited to, all interior and exterior conduit, junction boxes, fittings, connectors, terminal cabinets, jet line/mule tape and 120vac, penetrations, where required, for a complete and operational system.
b. Installation of special back boxes provided by Convergint Technologies.
c. Lifts, scaffolding or fire sealing of any kind.
d. Convergint Technologies is not the Engineer of Record for this project. Should additional services or devices be required above and beyond that clearly shown on the contract design documents, additional fees may apply.

## CONVERGINT TECHNOLOGIES TERMS AND CONDITIONS

**Version 1.09 April 2017**

Throughout this Installation Proposal, the term, "Convergint" refers to the Convergint Technologies' affiliate operating in the state/province in which the work is being performed.

**SECTION 1. THE WORK**

This Installation Proposal takes precedence over and supersedes any and all prior proposals, correspondence, and oral agreements or representations relating to the work set forth in the attached scope of work ("Work"). This Installation Proposal commences on the Start Date as specified in the attached scope of work and represents the entire agreement between Convergint and Customer (the "Agreement"). In the event any provision of this Agreement is held to be invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force.

Convergint agrees in accordance with the mutually agreed project schedule:

a. To submit shop drawings, product data, samples and similar submittals if required in performing the Work;
b. To pay for all labor, materials, equipment, tools, supervision, programming, testing, startup and documentation required to perform the Work in accordance with the Agreement;
c. Secure and pay for permits and governmental fees, licenses and inspections necessary for proper execution and completion of the Work; and
d. Hire subcontractors and order material to perform part of the Work, if necessary, while remaining responsible for the completion of the Work.

Customer agrees in accordance with the mutually agreed project schedule, and at no cost to Convergint:

a. To promptly approve submittals provided by Convergint;
b. To provide access to all areas of the facility which are necessary to complete the Work;
c. To supply suitable electrical service as required by Convergint; and

d. That in the event of any emergency or systems failure, reasonable safety precautions will be taken by Customer to protect life and property during the period of time from when Convergint is first notified of the emergency or failure and until such time that Convergint notifies the Customer that the systems are operational or that the emergency has cleared.

**SECTION 2. PRICING**

Pricing and amounts proposed shall remain valid for 30 days unless otherwise specified. Price includes only the material listed based on Convergint's interpretation of plans and specifications unless noted otherwise. Additional equipment, unless negotiated prior to order placement, will be billed accordingly. Sales taxes, (and in Canada GST/PST) and any other taxes assessed on Customer shall be added to the price upon invoice to Customer.

**SECTION 3. INVOICE REMITTANCE AND PAYMENT**

Customer agrees to pay Convergint twenty-five (25%) percent of the total price as a mobilization fee at the time of executing this Agreement.

If the Work is performed over more than a month, Convergint will invoice Customer each month for the Work performed during the previous month. Customer agrees to pay the amount due to Convergint as invoiced, within thirty (30) days of the date of such invoice. If the Work is completed in less than one month, Customer agrees to pay Convergint in full after the Work has been performed within thirty (30) days of the date of being invoiced. Invoices shall not include or be subject to a project retention percentage. If Customer is overdue in any payment to Convergint, Convergint shall be entitled to suspend the Work until paid, and charge Customer an interest rate 1 and 1/2% percent per month, (or the maximum rate permitted by law, whichever is less), and may avail itself of any other legal or equitable remedy. Customer shall reimburse Convergint costs incurred in collecting any amounts that become overdue, including attorney fees, court costs and any other reasonable expenditure.

**SECTION 4. WARRANTY**

Convergint provides the following SOLE AND EXCLUSIVE warranty to the Customer:

For the period of one (1) year, commencing at the earlier of substantial completion of the Work, or first beneficial use, ("Warranty Period"):

a. That Work performed under this Agreement will be of good quality;
b. That all equipment will be new unless otherwise required or permitted by this Agreement;
c. That the Work will be free from defects not inherent in the quality required or permitted; and
d. That the Work will conform to the requirements of this Agreement.

The Customer's sole remedy for any breach of this warranty is that Convergint shall remove, replace and/or repair at its own expense any defective or improper Work, discovered within the Warranty Period, provided Convergint is notified in writing of any defect within the Warranty Period.

Any equipment or products installed by Convergint in the course of performing the Work hereunder shall only carry such warranty as is provided by the manufacturer thereof, which Convergint hereby assigns to Customer without recourse to Convergint. Upon request of Customer, Convergint will use commercially reasonable efforts to assist Customer in enforcing any such third-party warranties. This warranty excludes remedy for damage or defect caused by abuse, modifications not executed by Convergint, improper or insufficient maintenance, improper operation, or normal wear and tear under normal usage. NO FURTHER WARRANTIES OR GUARANTIES, EXPRESS OR IMPLIED, ARE MADE WITH RESPECT TO ANY GOODS OR SERVICES PROVIDED UNDER THIS AGREEMENT, AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED.

**SECTION 5. CHANGES**

Without invalidating this Agreement or any bond given hereunder, Customer or Convergint may request changes in the Work. Any changes to the Agreement shall be in writing signed by both Customer and Convergint. If Customer orders any additional work or causes any material interference with Convergint's performance of the Work, Convergint shall be entitled to an equitable adjustment in the time for performance and in the Agreement Price, including a reasonable allowance for overhead and profit.

**SECTION 6. FORCE MAJEURE**

Neither Customer nor Convergint shall be responsible or liable for, shall incur expense for, or be deemed to be in breach of this Agreement because of any delay in the performance of their respective obligations pursuant to this Agreement due solely to circumstances beyond their reasonable control ("Force Majeure") and without the fault or negligence of the party experiencing such delay. A Force Majeure event shall include, but not be limited to: accident, fire, storm, water, flooding, negligence, vandalism, power failure, installation of incompatible equipment, improper operating procedures, source current fluctuations or lighting. If performance by either party is delayed due to Force Majeure, the time for that performance shall be extended for a period of time reasonably necessary to overcome the effect of the delay. Any Services required by Convergint due to reasons set forth in this Force Majeure Section shall be charged to Customer in addition to any amounts due under this Agreement.

**SECTION 7. INSURANCE**

Convergint shall have the following insurance coverage during the term of this Agreement, and shall provide certificates of insurance to the Customer prior to beginning work hereunder:

| | |
|---|---|
| Worker's Compensation | Statutory Limits |
| Employer's Liability | $1,000,000 per occurrence /aggregate |
| Commercial General Liability | $1,000,000 per occurrence/aggregate |
| | $2,000,000 general aggregate |
| Automobile Liability | $1,000,000 per occurrence/aggregate |
| Excess/Umbrella Liability | $4,000,000 per occurrence/aggregate |

All insurance policies carried by Convergint shall be primary to and noncontributory with the insurance afforded to Customer and shall name the Customer as "additional insured", with respect to liability arising out of work performed by Convergint, as applicable, but only to the extent of liabilities falling within the indemnity obligations of Convergint, pursuant to the terms of this Agreement. Convergint shall provide to the Customer no less than thirty (30) days' notice prior to the termination or cancellation of any such insurance policy.

**SECTION 8. INDEMNIFICATION**

Convergint shall indemnify and hold Customer harmless from and against claims, damages, losses and expenses, attributable to bodily injury, sickness, disease or death, or to destruction of tangible property, but only to the extent caused by: a) the negligent or willful acts or omissions of Convergint or Convergint's employees or subcontractors while on Customer's site, or b) the malfunction of the equipment supplied by Convergint, or c) Convergint's breach of this Agreement.

IN NO EVENT SHALL EITHER CONVERGINT OR CUSTOMER BE LIABLE TO THE OTHER PARTY HERETO FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING COMMERCIAL LOSS, LOSS OF USE OR LOST PROFITS, EVEN IF THAT PARTY HAS BEEN ADVISED OF THE POSSIBILTY OF SUCH DAMAGES. IN NO EVENT WILL CONVERGINT BE LIABLE TO CUSTOMER FOR ANY AMOUNTS IN EXCESS OF THE AMOUNTS PAID BY CUSTOMER TO CONVERGINT.

It is understood and agreed by the parties hereto that Convergint is or may be providing monitoring and or intrusion products which are designed to provide notification of certain events but are not intended to be guarantees or insurers against any acts for which they are supposed to monitor or inform. Convergint's indemnification obligation pursuant to Section 8 herein, does not apply to the extent the loss indemnified against is caused by any monitoring or intrusion product or software provided by but not manufactured by Convergint. Convergint shall have **no** liability to Customer for any losses to the extent such losses are caused by the monitoring or intrusion product or software. Customer shall indemnify, defend, and hold harmless Convergint, from and against all claims, lawsuits, damages, losses and expenses by persons not a party to this Agreement, but only to the extent caused by such monitoring or intrusion product or software provided by but not manufactured by Convergint.

**SECTION 9. COMPLIANCE WITH LAW, SAFETY, & HAZARDOUS MATERIALS**

This Agreement shall be governed and construed in accordance with the laws of the state/province in which the Work is being performed. Convergint agrees to comply with all laws and regulations relating to or governing the Work. Convergint agrees to comply with all reporting requirements imposed by law or this Agreement. Convergint shall comply with all safety related laws and regulations and with the safety program of the Customer, provided such program is supplied to Convergint prior to beginning work.

In the event that Convergint discovers or suspects the presence of hazardous materials, or unsafe working conditions at Customer's facility where the Work is to be performed, Convergint is entitled to stop the Work at that facility if such hazardous materials, or unsafe working conditions were not provided by or caused by Convergint. Convergint in its sole discretion shall determine when it is "safe" to return to perform the Work at Customer's facility. Convergint shall have no responsibility for the discovery, presence, handling, removing or disposal of or exposure of persons to hazardous materials in any form at the Customer's facility. Customer shall indemnify and hold harmless Convergint from and against claims,

damages, losses and expenses, including but not limited to, reasonable attorney's fees, arising out of or resulting from undisclosed hazardous materials, or unsafe working conditions at Customer's facility.

**SECTION 10. DISPUTES**

In the event of any dispute between Convergint and Customer, Convergint and Customer shall first attempt to resolve the dispute in the field, but if that is not successful, then in a meeting between authorized officers of each company. If settlement attempts are not successful, then the dispute shall be decided exclusively by arbitration. Such arbitration shall be conducted in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association currently in effect and shall be a final binding resolution of the issues presented between the parties. The prevailing party shall be entitled to recover its reasonable attorneys' fees and costs.

**SECTION 11. MISCELLANEOUS**

Neither party to this Agreement shall assign this Agreement without the prior written consent of the other party hereto. Convergint may assign this Agreement to any of its parents, subsidiaries or affiliated companies or any entity majority owned by Convergint.

Notices shall be in writing and addressed to the other party, in accordance with the names and addresses of the parties as shown above. All notices shall be effective upon receipt by the party to whom the notice was sent.

A waiver of the terms hereunder by one party to the other party shall not be effective unless in writing and signed by a person with authority to commit the Customer or Convergint and delivered to the non-waiving party according to the notice provision herein. No waiver by Customer or Convergint shall operate as a continuous waiver, unless the written waiver specifically states that it is a continuous waiver of the terms stated in that waiver.

The Sections regarding invoicing, warranty, and indemnity, and disputes shall survive the termination of this Agreement.

**BP-184 STC LST**

Purchaser: _____ Title: _____

Sign: _____ Date: _____

## Estimate Summary
## BP-S184 STC - Buildout of Tenant Spaces, LST L1 (D/B)
## 95% to 100% Construction Docs

| Description | Quantity | Unit | Material | Labor | Equipment | Cost |
|---|---|---|---|---|---|---|
| | | | $0.00 | $0.00 | $0.00 | $0.00 |
| Aluminum Ductwork (2331213.13.0100) | 738 | LB | $3.42 | $29.48 | $0.00 | $24,280.20 |
| Fire Damper (233313.16.3400) | 4 | EA | $57.75 | $99.14 | $0.00 | $627.56 |
| Exhaust Fan (233423.10.6100) | 2 | EA | $213.90 | $179.31 | $0.00 | $786.42 |
| Insulation (230713.10.3420) | 500 | S.F. | $0.47 | $4.27 | $0.00 | $2,370.00 |
| Drywall Revisions/Ceiling Height Adjustments | -1 | L.S. | $25,550.00 | $0.00 | $0.00 | $25,550.00 |
| Exhaust Fan Monitoring/Controlling/Alarming | 2 | EA | $1,250.00 | $450.00 | $50.00 | $3,500.00 |
| Electrical (See detailed breakdown) | 1 | L.S. | | | | $78,982.93 |
| **Direct Cost of Work** | | | | | | **$84,997.11** |
| General Conditions | 8% | L.S. | | | | $6,799.77 |
| Mobilization/Demobilization | 0% | L.S. | | | | $0.00 |
| Bonds and Insurance | 1% | L.S. | | | | $826.17 |
| Permitting | 0.0% | L.S. | | | | $0.00 |
| Testing | 0% | L.S. | | | | $0.00 |
| Contingency | 0% | L.S. | | | | $0.00 |

**Grand Total:** **$92,623.05**

SHACE CONSTRUCTION SERVICES

# Master Bid Summary Information

## BP-S184 STC - Buildout of Tenant Spaces, LST L1 (D/B)

## 95% to 100% Construction Docs

| | | |
|---|---|---|
| **JOB BREAKDOWN:** | | |
| Labor Hours: | | 983.37 |
| Non-Productive Labor Hours: | | 0.00 |
| Average Hourly Rate: | $18.00 | $18.00 |
| Material Budgeted Dollars: | | $44,026.16 |
| Expenses: | 0.00% | $0.00 |
| Miscellaneous Materials: | 0.00% | $0.00 |
| Small Tools: | 0.00% | $0.00 |
| Gas Expense: | 0.00% | $0.00 |
| **LABOR TOTALS:** | | |
| Labor Dollars: | | $17,700.66 |
| Non-Productive Labor Dollars: | | $0.00 |
| Labor Burden: | 42.00% | $7,434.28 |
| Labor Dollars Total: | | $25,134.94 |
| **MATERIAL TOTALS:** | | |
| Material Dollars: | | $44,026.16 |
| Miscellaneous Dollars: | | $0.00 |
| Sales Tax: | 6.00% | $2,641.57 |
| Sur-tax*: | 0.50% | $25.00 |
| Material Dollars Total: | | $46,667.73 |
| **EQUIPMENT TOTALS:** | | |
| Company Owned Equipment: | $0.00 | $0.00 |
| Outside Equipment Rental: | $0.00 | $0.00 |
| **QUOTABLE TOTALS:** | | |
| Electrical Engineering | $0.00 | $0.00 |
| Mechanical Engineering | $0.00 | $0.00 |
| Temporary Measures | $0.00 | $0.00 |
| Painting Conduits | $0.00 | $0.00 |
| General Requirements | $0.00 | $0.00 |
| UON Research | $0.00 | $0.00 |
| Gear: | $0.00 | $0.00 |
| **SUB-TOTAL:** | | $71,802.67 |
| **TOTAL JOB MARK-UPS:** | | |
| Job Overhead: | 10% | $7,180.27 |
| Job Profit: | 0% | $0.00 |
| **TOTAL COST:** | | $78,982.93 |
| **PERMIT COST:** | 0.00% | $0.00 |
| **BONDING EXPENSE:** | 0.00% | $0.00 |
| **GRAND TOTAL:** | | **$78,982.93** |

*Sur-tax applies to only the first: $5,000.00

SHACE CONSTRUCTION SERVICES

BP-S184 - Change Orders
EXTENSION BY SECTION

| Item # | Description | Qty | Price U | Ext Price | Labor U | Ext Labor |
|---|---|---|---|---|---|---|
| | --- 95% to 100% Changes --- | | | | | |
| | --- Added Scope A1 --- | | | | | |
| 1011 | 3/4" EMT (Difficult) | 4,800.00 | 115.91 C | 5,563.68 | 3.09 C | 148.32 |
| 1014 | 1-1/2" EMT (Difficult) | 300.00 | 369.89 C | 1,109.67 | 3.95 C | 11.85 |
| 1341 | 1-1/2" EMT Elbow | 6.00 | 858.27 C | 51.50 | 0.26 E | 1.56 |
| 1348 | 3/4" GRC Elbow | 30.00 | 738.70 C | 221.61 | 0.26 E | 7.80 |
| 1477 | 3/4" Compression Steel Conn | 120.00 | 213.81 C | 256.57 | 0.11 E | 13.20 |
| 1480 | 1-1/2" Compression Steel Conn | 8.00 | 988.41 C | 79.07 | 0.24 E | 1.92 |
| 1577 | 3/4" Compression Steel Cplg | 510.00 | 250.89 C | 1,279.54 | 0.10 E | 51.00 |
| 1580 | 1-1/2" Compression Steel Cplg | 36.00 | 1,067.93 C | 384.45 | 0.18 E | 6.48 |
| 1599 | 3/4" Plastic Bushing | 120.00 | 26.81 C | 32.17 | 0.01 E | 1.20 |
| 1602 | 1-1/2" Plastic Bushing | 8.00 | 80.79 C | 6.46 | 0.02 E | 0.16 |
| 2356 | 3/4" Conduit Hanger w/Bolt | 600.00 | 36.89 C | 221.34 | 10.00 C | 60.00 |
| 2358 | 1-1/4" Conduit Hanger w/Bolt | 37.50 | 51.31 C | 19.24 | 11.00 C | 4.13 |
| 2550 | 3/8" All Thread | 550.00 | 82.60 C | 454.30 | 5.50 C | 30.25 |
| 2552 | 3/8" Hex Nut | 275.00 | 22.46 C | 61.77 | 0.20 C | 0.55 |
| 2556 | Flange Beam Clamp for 3/8" Thrd Rod | 637.50 | 72.90 C | 464.74 | 8.75 C | 55.78 |
| 2572 | 4" Square Box w/brkt (1/2 & 3/4 KO's | 45.00 | 308.49 C | 138.82 | 0.18 E | 8.10 |
| 2787 | #12 THHN CU Solid Wire | 15,120.00 | 274.58 M | 4,151.65 | 4.81 M | 72.73 |
| 2792 | #8 THHN CU Stranded Wire | 340.00 | 390.70 M | 132.84 | 5.47 M | 1.86 |
| 2795 | #3 THHN CU Stranded Wire | 1,360.00 | 1,128.20 M | 1,534.35 | 7.88 M | 10.72 |
| 3107 | 1/8" Poly Pull Line | 5,355.00 | 6.10 M | 32.66 | 1.75 M | 9.37 |
| 4069 | 150 Amp Surf Panel-Nema 1 | 2.00 | 2,500.00 E | 5,000.00 | 3.15 E | 6.30 |
| 4368 | #8-6 Wire Termination Labor | 4.00 | 0.00 E | 0.00 | 0.13 E | 0.52 |
| 4369 | #4-1 Wire Termination Labor | 16.00 | 0.00 E | 0.00 | 0.16 E | 2.56 |
| 4791 | 4" Square Flat Blank Cover w/KO | 45.00 | 140.11 C | 63.05 | 0.06 E | 2.70 |
| 6500 | 12x12x6" Hinged Cover Pull Box-Nema | 2.00 | 50.82 E | 101.64 | 0.83 E | 1.66 |
| 8241 | 3/4" x 8" Core Drill Concrete | 15.00 | 0.00 E | 0.00 | 0.68 E | 10.20 |
| 8244 | 1-1/2" x 8" Core Drill Concrete | 4.00 | 0.00 E | 0.00 | 0.75 E | 3.00 |
| 8631 | 3M Fire Putty | 17.00 | 30.00 E | 510.00 | 1.00 E | 17.00 |
| 8632 | 3M Firestop I.D. Labels | 17.00 | 63.86 E | 1,085.62 | 0.01 E | 0.17 |
| | --- Added Scope A1 Total --- | | | 22,956.74 | | 541.09 |
| | --- Added Scope A4 --- | | | | | |
| 1011 | 3/4" EMT (Difficult) | 750.00 | 115.91 C | 869.33 | 3.09 C | 23.18 |
| 1348 | 3/4" GRC Elbow | 10.00 | 738.70 C | 73.87 | 0.26 E | 2.60 |
| 1477 | 3/4" Compression Steel Conn | 40.00 | 213.81 C | 85.52 | 0.11 E | 4.40 |
| 1577 | 3/4" Compression Steel Cplg | 85.00 | 250.89 C | 213.26 | 0.10 E | 8.50 |
| 1599 | 3/4" Plastic Bushing | 40.00 | 26.81 C | 10.72 | 0.01 E | 0.40 |
| 2356 | 3/4" Conduit Hanger w/Bolt | 93.75 | 36.89 C | 34.58 | 10.00 C | 9.38 |
| 2550 | 3/8" All Thread | 375.00 | 82.60 C | 309.75 | 5.50 C | 20.63 |
| 2552 | 3/8" Hex Nut | 187.50 | 22.46 C | 42.11 | 0.20 C | 0.38 |
| 2556 | Flange Beam Clamp for 3/8" Thrd Rod | 93.75 | 72.90 C | 68.34 | 8.75 C | 8.20 |
| 2572 | 4" Square Box w/brkt (1/2 & 3/4 KO's | 5.00 | 308.49 C | 15.42 | 0.18 E | 0.90 |
| 2790 | #12 THHN CU Stranded Wire | 3,150.00 | 172.32 M | 542.81 | 4.81 M | 15.15 |
| 3107 | 1/8" Poly Pull Line | 787.50 | 6.10 M | 4.80 | 1.75 M | 1.38 |
| 4791 | 4" Square Flat Blank Cover w/KO | 5.00 | 140.11 C | 7.01 | 0.06 E | 0.30 |
| | --- Added Scope A4 Total --- | | | 2,277.52 | | 95.40 |
| | --- Added Scope A11 --- | | | | | |
| 1011 | 3/4" EMT (Difficult) | 600.00 | 115.91 C | 695.46 | 3.09 C | 18.54 |
| 1014 | 1-1/2" EMT (Difficult) | 300.00 | 369.89 C | 1,109.67 | 3.95 C | 11.85 |
| 1341 | 1-1/2" EMT Elbow | 6.00 | 858.27 C | 51.50 | 0.26 E | 1.56 |

BP-S184 - Change Orders
EXTENSION BY SECTION

| Item # | Description | Qty | Price U | Ext Price | Labor U | Ext Labor |
|---|---|---|---|---|---|---|
| 1348 | 3/4" GRC Elbow | 9.00 | 738.70 C | 66.48 | 0.26 E | 2.34 |
| 1477 | 3/4" Compression Steel Conn | 24.00 | 213.81 C | 51.31 | 0.11 E | 2.64 |
| 1480 | 1-1/2" Compression Steel Conn | 16.00 | 988.41 C | 158.15 | 0.24 E | 3.84 |
| 1577 | 3/4" Compression Steel Cplg | 69.00 | 250.89 C | 173.11 | 0.10 E | 6.90 |
| 1580 | 1-1/2" Compression Steel Cplg | 36.00 | 1,067.93 C | 384.45 | 0.18 E | 6.48 |
| 1599 | 3/4" Plastic Bushing | 24.00 | 26.81 C | 6.43 | 0.01 E | 0.24 |
| 1602 | 1-1/2" Plastic Bushing | 16.00 | 80.79 C | 12.93 | 0.02 E | 0.32 |
| 2356 | 3/4" Conduit Hanger w/Bolt | 75.00 | 36.89 C | 27.67 | 10.00 C | 7.50 |
| 2358 | 1-1/4" Conduit Hanger w/Bolt | 37.50 | 51.31 C | 19.24 | 11.00 C | 4.13 |
| 2550 | 3/8" All Thread | 450.00 | 82.60 C | 371.70 | 5.50 C | 24.75 |
| 2552 | 3/8" Hex Nut | 225.00 | 22.46 C | 50.54 | 0.20 C | 0.45 |
| 2556 | Flange Beam Clamp for 3/8" Thrd Rod | 112.50 | 72.90 C | 82.02 | 8.75 C | 9.84 |
| 2595 | 1G Masonry Box (2-1/2" Deep) | 25.00 | 797.75 C | 199.45 | 0.22 E | 5.50 |
| 2790 | #12 THHN CU Stranded Wire | 1,890.00 | 172.32 M | 325.68 | 4.81 M | 9.09 |
| 2792 | #8 THHN CU Stranded Wire | 380.00 | 390.70 M | 148.47 | 5.47 M | 2.08 |
| 2795 | #3 THHN CU Stranded Wire | 1,520.00 | 1,128.20 M | 1,714.86 | 7.88 M | 11.98 |
| 3107 | 1/8" Poly Pull Line | 945.00 | 6.10 M | 5.76 | 1.75 M | 1.65 |
| 4069 | 150 Amp Surf Panel-Nema 1 | 2.00 | 2,500.00 E | 5,000.00 | 3.15 E | 6.30 |
| 4367 | #14-12-10 Wire Termination Labor | 150.00 | 0.00 E | 0.00 | 0.09 E | 13.50 |
| 4368 | #8-6 Wire Termination Labor | 4.00 | 0.00 E | 0.00 | 0.13 E | 0.52 |
| 4370 | #2-2/0 Wire Termination Labor | 16.00 | 0.00 E | 0.00 | 0.18 E | 2.88 |
| 4512 | 20A/125V Prem Spec Grade Dup Rcpt(5- | 25.00 | 1,515.90 C | 378.97 | 0.21 E | 5.25 |
| 4697 | 1G SS Dup Rcpt Plate | 25.00 | 132.10 C | 33.03 | 0.05 E | 1.25 |
| 8261 | Grndscr&Bare Pigtail | 25.00 | 40.45 C | 10.12 | 1.00 C | 0.25 |
| | --- Added Scope All Total --- | | | 11,077.00 | | 161.63 |
| | | --- Added FA Devices --- | | | | |
| 8334 | Speaker / Stobe | 32.00 | 49.99 E | 1,599.68 | 1.50 E | 48.00 |
| 8339 | 16/2 FA Speaker Cable | 3,200.00 | 0.32 E | 1,024.00 | 0.01 E | 32.00 |
| 8340 | 14/2 FA Strobe Cable | 1,100.00 | 0.26 E | 286.00 | 0.01 E | 11.00 |
| 8365 | SIGA-PS Smoke Detector with Base | 11.00 | 132.75 E | 1,460.25 | 0.75 E | 8.25 |
| 8561 | Monitor Module | 43.00 | 67.79 E | 2,914.97 | 1.00 E | 43.00 |
| 8705 | Fire Alarm Device Programming | 43.00 | 10.00 E | 430.00 | 1.00 E | 43.00 |
| | --- Added FA Devices Total --- | | | 7,714.90 | | 185.25 |
| | --- 95% to 100% Changes --- | | | 44,026.16 | | 983.37 |
| | Job Total | | | 44,026.16 | | 983.37 |

| | |
|---|---|
| **From:** | Carmen E. Hernandez |
| **To:** | Ziad Ghalayini |
| **Cc:** | Jamie McGonagill; Vicki Hoffman; Estefania Wilbraham; Sneha Joge; Michael Marshall; Becky Sanchez; Johanna Arriaga; LaChant Barnett; Patricia Bryant |
| **Subject:** | RE: BPS00184 CO 17 CCM 120523 $89,494.89 (GOMEZ) - REVIEW COMMENTS |
| **Date:** | Wednesday, November 29, 2023 1:18:45 PM |
| **Attachments:** | image002.png<br>image003.png |

Ziad,
CO 17 R1 has been uploaded to box. See response to your comments below.

- My apologies, there is Owner Contingency in the amount of $69,752 plus the remaining budget of $52,828.04 = $122,580.04 which will cover the award for BPS00184 Gomez CO 17. The use of Owner Contingency should be included in the memo once confirmed. Wording has been added in the Reason For Change.

1. Per the BSWS, there are only $52,828.04 in available funds in this project and will require a CFOC action for additional funds. See above.
2. For each of the subcontractor's proposal that included a increase in cost, this proposal would need to be submitted with the level of detail as required by the specifications for change order work. This was agreed to between the Owner and Contractor as a negotiated settlement.
3. "In the description of change it states this a negotiated settlement for all costs associated with the revisions identified in Change
4. Order Request 11. In reviewing CO 11, there does not appear to be any correlation with this item. Provide additional details in the reason for change in regard to the revisions in CO 11." This final negotiated settlement is for COR 11, not CO11.
5. Provide a detailed breakdown from JB Mechanical showing the additional increase in labor cost (labor position, rates, fees, etc) . This is a negotiated settlement.
6. Provide backup documentation for additional Bond cost. This is a negotiated settlement.
7. Provide detailed backup from JB Mechanical showing the increased cost for each of their material items. This is a negotiated settlement.
8. Provide proposal detail from Berg showing the final additional cost of $45,725 with detailed breakdown of each item. This is a negotiated settlement.
9. Provide proposal detail from Convergint showing the final additional cost of $16,040 with detailed breakdown based on 100% scope. This is a negotiated settlement.
10. Provide proposal detail from MC2 showing the final additional cost of $6,575 with detailed breakdown based on 100% scope. This is a negotiated settlement.
11. Since a detailed negotiated cost agreement was not included, additional backup documentation by the subs would be necessary to analyze the cost variance. This is a negotiated settlement.
12. Suggest revising "Final Change Order" on the coversheet for this item, to "Final Negotiated Settlement". Unless there is a need otherwise. We have done a few of these already, and they have been written up as Final Change Order.

13. There is a $45 variance between the AAC review spreadsheet and JB Mechanical's proposal. See attached review spreadsheet. Review and confirm. This is a negotiated settlement.

**Carmen Hernandez**
*GCI, Inc./OAR-GOAA*
*Sr. Project Coordinator*

chernandez@goaa.org
**P** 407-825-3386 **C** 407 -230-0180

**Orlando International Airport**
*11314 Terminal C Service Road*
*Orlando, Florida 32824*
Orlandoairports.net

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

---

**From:** Ziad Ghalayini <ziad.ghalayini@anseradvisory.com>
**Sent:** Wednesday, November 22, 2023 12:50 PM
**To:** Jamie McGonagill <JMcGonagill@goaa.org>; Carmen E. Hernandez <chernandez@goaa.org>
**Subject:** FW: BPS00184 CO 17 CCM 120523 $89,494.89 (GOMEZ) - REVIEW COMMENTS
**Importance:** High

**CAUTION:** This email originated outside of GOAA. Stop and think before you click! If you are not expecting it or if it looks suspicious, please report it using the Phishing Report Button.

FYI – See below.

**Ziad Ghalayini, PE, PMP**
Project Manager II
**M** +1 4079270177
***On Behalf of Greater Orlando Aviation Authority***
anseradvisory.com




---

**From:** Vicki Hoffman <vicki.hoffman@anseradvisory.com>

**Sent:** Wednesday, November 22, 2023 12:22 PM
**To:** Ziad Ghalayini <ziad.ghalayini@anseradvisory.com>
**Subject:** RE: BPS00184 CO 17 CCM 120523 $89,494.89 (GOMEZ) - REVIEW COMMENTS

Hello Ziad,

Thank you,
Vicki

**Vicki Hoffman**
Senior Associate
M 407-452-4711
***On Behalf of Greater Orlando Aviation Authority***
anseradvisory.com




---

**From:** Ziad Ghalayini <ziad.ghalayini@anseradvisory.com>
**Sent:** Wednesday, November 22, 2023 11:21 AM
**To:** Carmen E. Hernandez <chernandez@goaa.org>; Jamie McGonagill <JMcGonagill@goaa.org>
**Cc:** Estefania Wilbraham <estefania.wilbraham@anseradvisory.com>; Sneha Joge <sjoge@projectstarmgmt.com>; Michael Marshall <michael.marshall@anseradvisory.com>; Becky Sanchez <becky.sanchez@anseradvisory.com>; Johanna Arriaga <johanna.arriaga@anseradvisory.com>; LaChant Barnett <lachant.barnett@anseradvisory.com>; Patricia Bryant <patricia.bryant@anseradvisory.com>; Vicki Hoffman <vicki.hoffman@anseradvisory.com>
**Subject:** RE: BPS00184 CO 17 CCM 120523 $89,494.89 (GOMEZ) - REVIEW COMMENTS
**Importance:** High

Carmen,

Please find review comments below for this item and attached review spreadsheet.

Thanks,

**Ziad Ghalayini, PE, PMP**

Project Manager II
M +1 4079270177
*On Behalf of Greater Orlando Aviation Authority*
anseradvisory.com




---

**From:** Ziad Ghalayini
**Sent:** Wednesday, November 22, 2023 11:02 AM
**To:** 'Carmen E. Hernandez' <chernandez@goaa.org>; Jamie McGonagill <JMcGonagill@goaa.org>
**Cc:** Estefania Wilbraham <estefania.wilbraham@anseradvisory.com>; Sneha Joge <sjoge@projectstarmgmt.com>; Michael Marshall <michael.marshall@anseradvisory.com>; Becky Sanchez <becky.sanchez@anseradvisory.com>; Johanna Arriaga <johanna.arriaga@anseradvisory.com>; LaChant Barnett (lachant.barnett@anseradvisory.com) <lachant.barnett@anseradvisory.com>; Patricia Bryant; Vicki Hoffman
**Subject:** BPS00184 CO 17 CCM 120523 $89,494.89 (GOMEZ) - REVIEW COMMENTS

Carmen,

Please find review comments below for this item and attached review spreadsheet.

1. For each of the subcontractor's proposal that included a increase in cost, this proposal would need to be submitted with the level of detail as required by the specifications for change order work.
2. "In the description of change it states this a negotiated settlement for all costs associated with the revisions identified in Change
3. Order Request 11. In reviewing CO 11, there does not appear to be any correlation with this item. Provide additional details in the reason for change in regard to the revisions in CO 11."
4. Provide a detailed breakdown from JB Mechanical showing the additional increase in labor cost (labor position, rates, fees, etc) .
5. Provide backup documentation for additional Bond cost.
6. Provide detailed backup from JB Mechanical showing the increased cost for each of their material items.
7. Provide proposal detail from Berg showing the final additional cost of $45,725 with detailed breakdown of each item.
8. Provide proposal detail from Convergint showing the final additional cost of $16,040 with detailed breakdown based on 100% scope.
9. Provide proposal detail from MC2 showing the final additional cost of $6,575 with detailed breakdown based on 100% scope.
10. Since a detailed negotiated cost agreement was not included, additional backup

documentation by the subs would be necessary to analyze the cost variance.

11. Suggest revising "Final Change Order" on the coversheet for this item, to "Final Negotiated Settlement". Unless there is a need otherwise.
12. There is a $45 variance between the AAC review spreadsheet and JB Mechanical's proposal. See attached review spreadsheet. Review and confirm.

Thanks,

**Ziad Ghalayini, PE, PMP**
Project Manager II
**M** +1 4079270177
***On Behalf of Greater Orlando Aviation Authority***
anseradvisory.com




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**From:** Carmen E. Hernandez <chernandez@goaa.org>
**Sent:** Tuesday, November 21, 2023 3:10 PM
**To:** Ziad Ghalayini <Ziad.Ghalayini@anseradvisory.com>; Michael Marshall <michael.marshall@anseradvisory.com>; Estefania Wilbraham <estefania.wilbraham@anseradvisory.com>
**Cc:** Jamie McGonagill <JMcGonagill@goaa.org>
**Subject:** BP-S00184 CO 17 - 12/05/23 CCM

Ziad,
I uploaded BP-S00184 CO 17 to box for the 12/05 CCM.

**Carmen Hernandez**
*GCI, Inc./OAR-GOAA*
*Sr. Project Coordinator*

chernandez@goaa.org
**P** 407-825-3386 **C** 407 -230-0180

**Orlando International Airport**
*11314 Terminal C Service Road*
*Orlando, Florida 32824*
Orlandoairports.net



**Note:** Florida has very broad public records laws. The information in this email will be treated the same as any written document and may be subject to all rules governing public records and information according to Florida Statutes. Any message that falls under Chapter 119, Florida Statutes, shall not be altered in a manner that misrepresents the activities of Greater Orlando Aviation Authority. The contents of this email, including personal email addresses, will be considered public and may be subject to disclosure in response to a public records request. [References: Art. I, § 24, Fla. Const.; Ch. 119, Fla. Stat.]

**Note:** Florida has very broad public records laws. The information in this email will be treated the same as any written document and may be subject to all rules governing public records and information according to Florida Statutes. Any message that falls under Chapter 119, Florida Statutes, shall not be altered in a manner that misrepresents the activities of Greater Orlando Aviation Authority. The contents of this email, including personal email addresses, will be considered public and may be subject to disclosure in response to a public records request. [References: Art. I, § 24, Fla. Const.; Ch. 119, Fla. Stat.]

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | |
|---|---|---|---|
| **CHANGE ORDER NO. #10** | **AMOUNT $9,660.09** | **Extension Of Time (Subst.):** | **0 Days** |
| | | **Extension Of Time (Final):** | **0 Days** |

| | | |
|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00193 South Employee Lot | DATE: 12/05/23 |
| CONTRACTOR: | McCree Design Builders, Inc. | |
| A/E: | HNTB | |

DESCRIPTION OF CHANGE TO CONTRACT:

**Item #1 (PCO #44):** Provide all labor, equipment, and materials to: This item replaces Field Change Order 24

A. Add one (1) stop sign w/pole at the Parking Lot Exit, at the three-way intersection, where the stop bar is located.

B. Add one (1) stop sign w/pole at the Parking Lot Entrance, at the three-way intersection, where the stop bar is located.

C. Add three (3) “Do Not Enter / Employee Parking Only” signs at entrance, one (1) with Left arrow. Mount these signs to the existing sign posts.

D. Add one (1) aluminum “Employee Exit” sign on the aluminum canopy structure.

E. Mount the Owner provided red/white fiberglass reflector strips on stop signs, road signs, and fence gates.

F. Add twelve (12) End of Roadway Markers, Red, OM4-1 and mount to the six double-swing gates, so that the signs face the oncoming traffic.

G. Add one (1) sign with an arrow pointing straight ahead with the word "ONLY" at the stop sign inside the Employee guard shack entrance.

H. Add one (1) painted white arrow on the asphalt at the stop bar just inside the Employee guard shack entrance, pointing straight ahead.

I. Stencil "Compact Car Only" at each parking space to the right side of the bus exit lane, for 24 parking spaces.

J. Add one (1) Building number sign, 30” x 14” aluminum, adhered with double-sided tape. Building number is “1077 Security Checkpoint”.

K. Add one (1) restroom sign inside guard shack.

L. Add eight (8) metal door tags, 4.5” x 1-3/4”, on the door frames of the guard shack doors.

**ADD: $8,711.34**

**Item #2 (PCO #47):** Provide all labor, material. and equipment to install two (2) 3/4”x10’ copper ground rods, clamps and cables to gate posts for grounding of the personnel gate at the OUC water valve location.
**ADD: $948.75**

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

**CC**
**ITEM III-B**
**12/5/2023**

REASON FOR CHANGE:

**Item #1: Owner Requested**. Added wayfinding and identification signage required in order to complete the project.

**Item #2: Owner Request**. A personnel gate was previously added in the perimeter fencing to allow OUC and GOAA access to the gate valves for the potable water and fire water main lines. Grounding for the gate was subsequently required.

SOURCE OF FUNDS: PREVIOUSLY APPROVED GENERAL AIRPORT REVENUE BONDS

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

EXPLAIN:

| | | |
|---|---|---|
| Previously Presented Bulletin(s): | N/A | (Copy Attached) |
| Previously Approved Field Change Order(s): | 24 | (Copy Attached) |

| | | | |
|---|---|---|---|
| Contractor's Original RCO Submission | $ **13,244.00** | | |
| GOAA/OAR Estimate | $ 9,853.62 | | |
| (a) Change Contract Amount By | | | **$ 9,660.09** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | | $ 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | | $ 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | | **$ 9,660.09** |
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | | Omissions | $ 0.00 |
| | | Errors | $ 0.00 |
| PREPARED BY: Jamie McGonagill, GCI | | | PHONE: X6565 |

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

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| Anser Advisory | 11/21/2023 | 11/29/2023 | MM | VHinds - 11/29/23 |

GREATER ORLANDO AVIATION AUTHORITY

# FIELD CHANGE ORDER REQUEST

| | |
|---|---|
| **FIELD CHANGE ORDER NO.:** 24 | **REQUEST DATE:** 09/14/2023 |
| **PROJECT NO. & DESCRIPTION:** BP-S00193 South Employee Parking Lot | |
| **CONTRACTOR:** McCree Design Builders, Inc. | **A/E:** N/A |
| **PM/OAR:** Jamie McGonagill | **PHONE:** 407-948-5698 (c) |

*THIS DOCUMENT WHEN BEARING THE SIGNATURE OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE UNDERMENTIONED CHANGES TO THE CONTRACT.*

*THE CONTRACTOR IS REQUESTED TO REVIEW THE DESCRIPTION OF CHANGE AND METHOD INTENDED TO ADJUST THE CONTRACT AMOUNT/TIME AND SIGN IN THE BOX MARKED CONTRACTOR'S ACCEPTANCE. UPON SIGNATURE, PLEASE RETURN TO OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY.*

**DESCRIPTION OF CHANGE:**

Provide all labor, equipment, and materials to:
A. Add one stop sign w/pole at the Parking Lot Exit. This is the three-way intersection. There is already a stop bar at that location.
B. Add one stop sign w/pole at the Parking Lot Entrance. This is the three-way intersection. There is already a stop bar at that location.
C. Add three “Do Not Enter / Employee Parking Only” signs at entrance; one with Left arrow. Mount these signs to the existing sign posts.
D. Add one aluminum “Employee Exit” sign on the aluminum canopy structure. Verify this sign can be mounted as requested, considering the TransCore antenna is mounted here as well.
E. Mount red/white fiberglass reflector strips on stop signs, road signs, and fence gates
F. Add twelve End of Roadway Markers, Red, OM4-1 and mount to the six double-swing gates, so that the signs face the oncoming traffic.
G. Add a sign with an arrow pointing straight ahead with the word "ONLY" at the stop sign
H. Add one pavement white arrow at the stop bar just inside the Employee entrance, pointing straight ahead.
I. Stencil "Compact Car Only" at each parking space to the right side of the bus exit lane, for 24 parking spaces.
J. Add one Building number sign, 30-inch by 14-inch aluminum, adhered with double-sided tape. Building number is “1077 Security Checkpoint”.
K. Add one restroom sign
L. Add eight metal door tags, 4.5-inch by 1-3/4-inch

| | |
|---|---|
| **TOTAL COST:** $ 8,711.34 | **CHANGE TO CONTRACT TIME (DAYS):** 0 |

**EVALUATION OF CHANGE IN CONTRACT AMOUNT AND TIME:**

IT IS AGREED THAT THE VALUE OF THE FIELD CHANGE ORDER SHALL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS:

- ☐ BY ESTIMATE AND ACCEPTANCE OF A LUMP SUM QUOTATION
- ☒ BY ESTIMATE AND ACCEPTANCE OF A NOT-TO-EXCEED QUOTATION
- ☐ BY UNIT PRICES SET OUT IN THE CONTRACT OR SUBSEQUENTLY AGREED UPON
- ☐ BY FORCE ACCOUNT USING ABOVE RATES FOR LABOR, MATERIALS, EQUIPMENT

**REFERENCE BULLETIN(S):**

**CONTRACTOR'S ACCEPTANCE:**

SIGNATURE & DATE: See Attached.

PRINTED NAME: _____

**INITIAL FUNDING CONFIRMATION:**

FUNDS ARE AVAILABLE WITHIN THE PROJECT TO COVER THIS COST: INITIALS: _____ DATE: Sep 15, 2023

**APPROVAL TO PROCEED:**

SIGNATURE & DATE: Sep 18, 2023

GOAA CONSTRUCTION COMMITTEE CHAIR

**ELIGIBILITY:** Johanna Arriaga box SIGN 46ZYPL7P-19W7RVPY

BPS00193 FCO 24… **CFOC REQUIRED:** No

**INTERNAL FUNDING REVIEW:**

SIGNATURE & DATE: _____

GOAA FINANCE

-82:1547Ã.7;36893Ã0-)Ã$"/! %+!Ä,'(*Ä$//*Ä',-!Ä*-- /#.&""!'



# FIELD CHANGE ORDER *[1 Original]**

| FIELD CHANGE ORDER (FCO) NO.: | 24 | FCO ISSUE DATE: | 08/18/23 |
|---|---|---|---|
| **CONTRACT NO. & DESCRIPTION:** | BP-S00193 South Employee Parking Lot | | |
| **CONTRACTOR:** | McCree Design Builders, Inc. | | |
| **A/E:** | N/A | | |

*THIS DOCUMENT WHEN BEARING THE SIGNATURE OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE UNDERMENTIONED CHANGES TO THE CONTRACT.*

*THE CONTRACTOR IS REQUESTED TO REVIEW THE DESCRIPTION OF CHANGE AND METHOD INTENDED TO ADJUST THE CONTRACT AMOUNT/TIME AND SIGN IN THE BOX MARKED CONTRACTOR'S ACCEPTANCE. UPON SIGNATURE, PLEASE RETURN TO OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY.*

## DESCRIPTION OF CHANGE:

Item 1: Provide all labor, equipment, and materials to:

A. Add one (1) stop sign w/pole at the Parking Lot Exit. This is the three-way intersection. There is already a stop bar at that location.
B. Add one (1) stop sign w/pole at the Parking Lot Entrance. This is the three-way intersection. There is already a stop bar at that location.
C. Add three (3) “Do Not Enter / Employee Parking Only” signs at entrance; one with Left arrow. Mount these signs to the existing sign posts.
D. Add one (1) aluminum “Employee Exit” sign on the aluminum canopy structure. Verify this sign can be mounted as requested, considering the TransCore antenna is mounted here as well.
E. Mount red/white fiberglass reflector strips on stop signs, road signs, and fence gates
F. Add twelve (12) End of Roadway Markers, Red, OM4-1 and mount to the six double-swing gates, so that the signs face the oncoming traffic.
G. Add a sign with an arrow pointing straight ahead with the word "ONLY" at the stop sign
H. Add one pavement white arrow at the stop bar just inside the Employee entrance, pointing straight ahead.
I. Stencil "Compact Car Only" at each parking space to the right side of the bus exit lane, for 24 parking spaces.
J. Add one (1) Building number sign, 30” x 14” aluminum, adhered with double-sided tape. Building number is “1077 Security Checkpoint”.
K. Add one (1) restroom sign
L. Add eight (8) metal door tags, 4.5” x 1-3/4”

**COST NTE: $8,711.34**

## EVALUATION OF CHANGE IN CONTRACT AMOUNT AND TIME:

IT IS AGREED THAT THE VALUE OF THE FIELD CHANGE ORDER SHALL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS:

- ☐ BY ESTIMATE AND ACCEPTANCE OF A LUMP SUM QUOTATION
- ☒ BY ESTIMATE AND ACCEPTANCE OF A NOT-TO-EXCEED QUOTATION
- ☐ BY UNIT PRICES SET OUT IN THE CONTRACT OR SUBSEQUENTLY AGREED UPON
- ☐ BY FORCE ACCOUNT USING ABOVE RATES FOR LABOR, MATERIALS, EQUIPMENT

- ☒ CONTRACT TIME IS UNCHANGED
- ☐ CONTRACT TIME CHANGED BY _____ CALENDAR DAYS

**FUNDING SOURCE:** Previously approved General Airport Revenue Bonds

**Reference Bulletin(s):** N/A

-82:1547Ã.7;36893Ã0-)Ã$"/! %+!Ä,'(*Ä$//*Ä',-!Ä*-- /#.&""!'

## CONTRACTOR'S [illegible]NCE:

DocuSigned by:
872CB99485FE4AD...

CONTRACTOR: _____ DATE: 8/22/2023

WITNESS: _____ DATE: _____

## ACCEPTED AND APPROVAL TO PROCEED:

GOAA SR. VP CAPITAL PROGRAMS: _____ DATE: _____

GOAA CONSTRUCTION COMMITTEE CHAIR:

_____ DATE: _____

## FOR INTERNAL USE ONLY

| | | | |
|---|---|---|---|
| GOAA FINANCE: _____ | | | DATE: _____ |
| PREPARED BY: | | | PHONE: |
| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: |

**Fully Executed Original to be provided to Project Controls for electronic distribution.*

**GREATER ORLANDO AVIATION AUTHORITY**
Orlando International Airport
11312 Terminal C Service Road
Orlando, Florida 32824

# FIELD CHANGE ORDER (FCO)
# EMERGENCY JUSTIFICATION

CONTRACT NO.: BP-S00193 CONTRACT NAME: South Employee Parking Lot

REFERENCE FIELD CHANGE ORDER NO.: 24

Specific Reason for Field Change Order / Emergency Justification:

Field change order is required to expedite the work and not delay completion and closeout of the project.

Causes:
Owner requested. Added wayfinding and identification signage required in order to complete the project.

Impacts of Change Order (Costs/Time):
The estimated cost for these services is not to exceed $8,711.34.
There is no anticipated additional time associated with this change.

Record of Negotiations / Justifications for Abnormal Costs:
Receipt and negotiation of a not to exceed cost proposal for the work.

Funding Source:
Previously approved General Airport Revenue Bonds

(Attach any additional documents as necessary.)

Prepared by: GCI / Jamie McGonagill / 9/14/23
Company / Name / Date

McCree
DESIGN BUILDERS, INC.

500 E. Princeton Street
Orlando, FL 32803
Ph: (407) 898-4821
Fax: (407) 896-8763

# Potential Change Order

## Project Information

**PROJECT #:** 52203430
**PROJECT NAME:** GOAABP-S193 EMPLOYEE PARKING LOT
**ADDRESS:** 10401 JEFF FUQUA BLVD N.
ORLANDO, FL 32827

## Potential Change Order

**PCO #:** 44
**DATE:** 06/20/23
**Revision #:** 2

## General Contractor

**CONTACT** Jim Doucette
**COMPANY** MCCREE DESIGN BUILDERS, INC.
**ADDRESS** 500 E. Princeton Street
Orlando, FL 32803
**PHONE** (407) 898-4821 **CELL** (407) 473-7929

## Owner

**CONTACT** JAMIE McGONAGILL
**COMPANY** GREATER ORLANDO AVIATION AUTHORITY
**ADDRESS** ONE JEFF FUQUA BLVD
ORLANDO, FL 32827
**PHONE** **CELL**

## Description of Proposed Change

PER JAMIE McGONAGIL EMAIL "BP-S00193 ADDED SIGNAGE": (1) ADDITIONAL BP-S193 SIGNAGE/PAVEMENT MARKINGS DATED 6/16/2023 AND TERMINAL C SIGNAGE DATED 6/22/2023

| DESCRIPTION | UOM | QTY | RATE | AMOUNT |
|---|---|---|---|---|
| Subcontractor: VALENCIA CONSTRUCTION GROUP, INC | | | | |
| ADDITIONAL BP-S193 SIGNAGE/PAVEMENT MARKINGS | LS | 0 | $0.00 | $3,536.25 |
| Subcontractor: VALENCIA CONSTRUCTION GROUP, INC | | | | |
| ADDITIONAL TERMINAL C SIGNAGE | LS | 0 | $0.00 | $2,386.25 |
| ~~PROJECT ADMINISTRATOR~~ | ~~HRS~~ | ~~1~~ | ~~$95.00~~ | ~~$95.00~~ |
| INSTALLATION - 2 MEN, ~~3~~ DAYS 2 2x8x2=32 | HRS | 32 | ~~$45.00~~ 32.00 | ~~$1,440.00~~ 1,029 |
| SITE SUPERVISION 1x8x2=16 | HRS | 16 ~~24~~ | ~~$155.00~~ 55.38 | ~~$3,720.00~~ 886.08 |
| | | | **SUB TOTAL** | ~~$11,177.50~~ 5,922.50 |
| General Requirements | | | | $0.00 |
| | | | **SUB TOTAL** | ~~$11,177.50~~ |
| Insurance | | | | $0.00 |
| | | | **SUB TOTAL** | ~~$11,177.50~~ |
| Fee | | | 10.00% 592.25 | ~~$1,117.75~~ |
| | | | **SUB TOTAL** | ~~$12,295.25~~ 6,514.75 |
| | | | McCree Labor + | 2,169.59 |
| | | | **TOTAL** | ~~$12,295.25~~ 8,711.34 |

***Additional time required to complete the above work*** 0 ***DAYS***

BPS-0193 S. EMPLOYEE LOT - ADDITIONAL MARKINGS

| Biditem | Description | Quantity | Units | Unit Price | Bid Total |
|---|---|---|---|---|---|
| 100 | ADDITIONAL PAVEMENT MARKINGS & SIGNAGE | 1.000 | LS | 3,536.25 | 3,536.25 |
| | Bid Total | | | | $3,536.25 |

Please note that Employee Exit sign to be mounted on canopy, by others.

$3,075.00 * 15%

# Change Order

Date 6/21/2023

P.O. Box 560566
Orlando, FL 32856
Phone 407-751-4625
Fax 407-381-8185

| Name / Address |
| --- |
| Valencia Construction Group<br>PO Box 784621<br>Winter Garden, FL 34778 |

| Project |
| --- |
| BP - S00193 S Employee Lot Revised |

| Description | Total |
| --- | --- |
| New Layout<br>1) Stripe 24 compact stencils.<br>2) Stripe 1 DOT arrow.<br><br>Signage, Wheel Stops, etc.<br>1) Install 30" "STOP" sign on u-channel post in soil (2 each).<br>2) Install left arrow sign mounted to existing sign post (1 each).<br>3) Install "DO NOT ENTER EMPLOYEE PARKING ONLY" sign mounted to existing post (3 each).<br>4) Install "ONLY" with up arrow sign mounted to existing sign post (1 each).<br>5) Install red 9 pt delineator sign mounted to gate (12 each).<br>6) Provide "EMPLOYEE EXIT" sign to be mounted by others (1 each). | |
| Material Cost. | 1,450.00 |
| Equipment and Labor Cost. 29.34 Hrs x $39/hr x 1.42% = 55.38/hr Burden | = 1,625.00 |
| Total | $3,075.00 |

Authorized Signature _____

Date of Acceptance _____

[redacted]

[redacted]

# Quote

| Date | Quote # |
|---|---|
| 9/26/2023 | 30330 |

| Name / Address | Ship To |
|---|---|
| K & S Striping, LLC<br>4950 Patch Road<br>Orlando, FL 32822 | K and S Striping, LLC<br>Cpu Tsd<br>[redacted] |

| P.O. # | Payment Method | Rep | FOB | Project / Job |
|---|---|---|---|---|
| | Net 30 | SE | | 9/26/23 Gooa Emplo... |

| Item | Description | Qty | U/M | Unit price | Total |
|---|---|---|---|---|---|
| R11HIP3030FIN | 30" Stop Sign, HIP | 2 | EA | 80.00 | 160.00T |
| 1224CUSTOM | 12"x24" Custom Sign, Left Arrow | 1 | EA | 60.00 | 60.00T |
| 2430CUSTOM | 24"x30" Custom Sign, Only Arrow up | 1 | EA | 80.00 | 80.00T |
| 3030CUSTOM | 30"x30" Custom Sign, Employee exit | 1 | EA | 80.00 | 80.00T |
| OM41RED1818... | 18" Red 9-Button | 12 | EA | 50.00 | 600.00T |
| 3030CUSTOM | 30"x30" Custom Sign, Do Not Enter Employee parking Only | 3 | EA | 85.00 | 255.00T |
| 12GUC2# | 12' Galvanized U-Channel Post, 2# | 2 | EA | 80.00 | 160.00T |

**All overdue invoices are subject to a monthly finance charge of 1.5%**
**Price quotations are good for 30 days only**

| | |
|---|---|
| **Subtotal** | $1,395.00 |
| **Sales Tax (7.0%)** | $97.65 |
| **Total** | ~~$1,492.65~~ |

1450.00

BPS-0193 S. EMPLOYEE LOT - ADDITIONAL SIGNS

| Biditem | Description | Quantity | Units | Unit Price | Bid Total |
|---|---|---|---|---|---|
| 100 | SIGNAGE AS REQUESTED (NOT INSTALLED) | 1.000 | LS | 2,386.25 | 2,386.25 |
| | Bid Total | | | | $2,386.25 |

$2,075.00 * 15%

# Proposal

Date 7/18/2023

K & S striping
P.O. Box 560566
Orlando, FL 32856
Phone 407-751-4625
Fax 407-381-8185

| Name / Address | Project |
|---|---|
| Valencia Construction Group<br>PO Box 784621<br>Winter Garden, FL 34778 | Terminal C - Comm. Curb Security Check Pt |

| Description | Total |
|---|---|
| Signage, Wheel Stops, etc.<br>1) Mobilization to deliver signs to client.<br>2) Provide 14" x 30" "1077 SECURITY CHECKPOINT" sign (1 each).<br>3) Provide 8.35" x 8.35" Restroom sign with braille (1 each).<br>4) Provide 1.75" x 4.5" Door tag signs (8 each).<br><br>NOTES: Pricing is based upon directive from customer.<br>Cost includes all labor, material and equipment to perform the proposed work in a safe and workmanlike manner consistent with current "best" construction practices.<br>All work to be performed during normal business hours.<br>We have allowed to clean "normal dirt" from area prior to restriping. Excessive dirt that requires additional cleaning will incur additional charges.<br>All striping is quoted as traffic paint unless specifically denoted as thermoplastic.<br>Work quoted is to be available for completion in one (1) trip. Should more trips be required due to unavailability of the work area, add $650.00 for each additional trip.<br>Proposal includes only work as specified on plans provided by customer. We are not responsible for omissions, errors or subsequent revisions by others.<br>As built drawings by others.<br>Any and all MOT and traffic control by others.<br>All signage is to be installed by others.<br><br>Material Cost 1230.50<br>Labor 15.25 Hrs x $39/hr x 1.42% = 55.38/hr Burden = 844.50 | 2,075.00 |
| Total | $2,075.00 |

All material is guaranteed to be as specified above. Any deviation from above specifications involving extra cost will be executed only upon written orders and will become an extra charge over and above estimate.
ACCEPTANCE OF PROPOSAL-The above prices and specifications are satisfactory and hereby accepted. You are authorized to do the work as specified. Payment will be due upon receipt of invoice. Balances unpaid after 30 days from the date of invoice are subject to a late charge of 2% per month, or maximum allowed by law, if different, together with expenses incidental to collection, including reasonable attorney's fees.
We are fully licensed and insured, proof thereof will be provided upon request.
This proposal is good for 30 days unless otherwise specified.

Authorized Signature _____ Date of Acceptance _____

[redacted]

[redacted]

# Quote

| Date | Quote # |
|---|---|
| 6/28/2023 | 29070 |

| Name / Address | Ship To |
|---|---|
| K & S Striping, LLC<br>4950 Patch Road<br>Orlando, FL 32822 | K and S Striping, LLC<br>Customer P/U Sanford<br>[redacted] |

| P.O. # | Payment Method | Rep | FOB | Project / Job |
|---|---|---|---|---|
| Terminal C | | SE | | 6/28/23 Terminal C |

| Item | Description | Qty | U/M | Unit price | Total |
|---|---|---|---|---|---|
| CUSTOM SIGNS | 30"x14" Blue/ Wht<br>1077<br>Security Checkpoint | 1 | | 100.00 | 100.00T |
| CUSTOM SIGNS | 4.5"x 1 3/4"<br>Brushed alum/ Blk<br>2- 1076 OUT 01 1003A<br>2-1076 OUT 01 1003B<br>2-1076 OUT 01 1003C<br>2- 1076 OUT 01 1006 | 8 | | 50.00 | 400.00T |
| FTP20BRAILL... | 12"x18" Handicap, Aluminum Clad, with Braille<br>***Proofs prior to production*** | 1 | EA | 650.00 | 650.00T |

**All overdue invoices are subject to a monthly finance charge of 1.5%**
**Price quotations are good for 30 days only**

| | |
|---|---|
| **Subtotal** | $1,150.00 |
| **Sales Tax (7.0%)** | $80.50 |
| **Total** | $1,230.50 |

# South Employee Parking - Do Not Enter Signs




A Location View
Not to Scale

Remove "Authorized Vehicles Only" and Replace with Above Option



3 Elevation View
Not to Scale

.080 x 10" x 60" aluminum exit sign




C Graphic View
Scale is 3/4"= 1'

24"

18"




.080 Aluminum with zee bar wind beams with Eng. Reflective




Option 2 View

B Graphic View
Scale is 1" = 8"

Remove "Authorized Vehicles Only" and Replace with Above Option



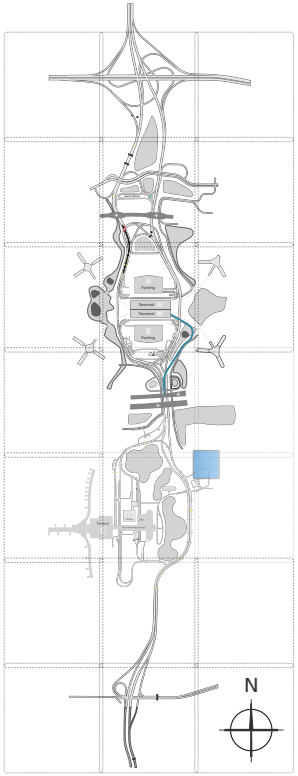
1,2 Elevation View
Not to Scale

Add Employee Exit to overhead is structure allows?



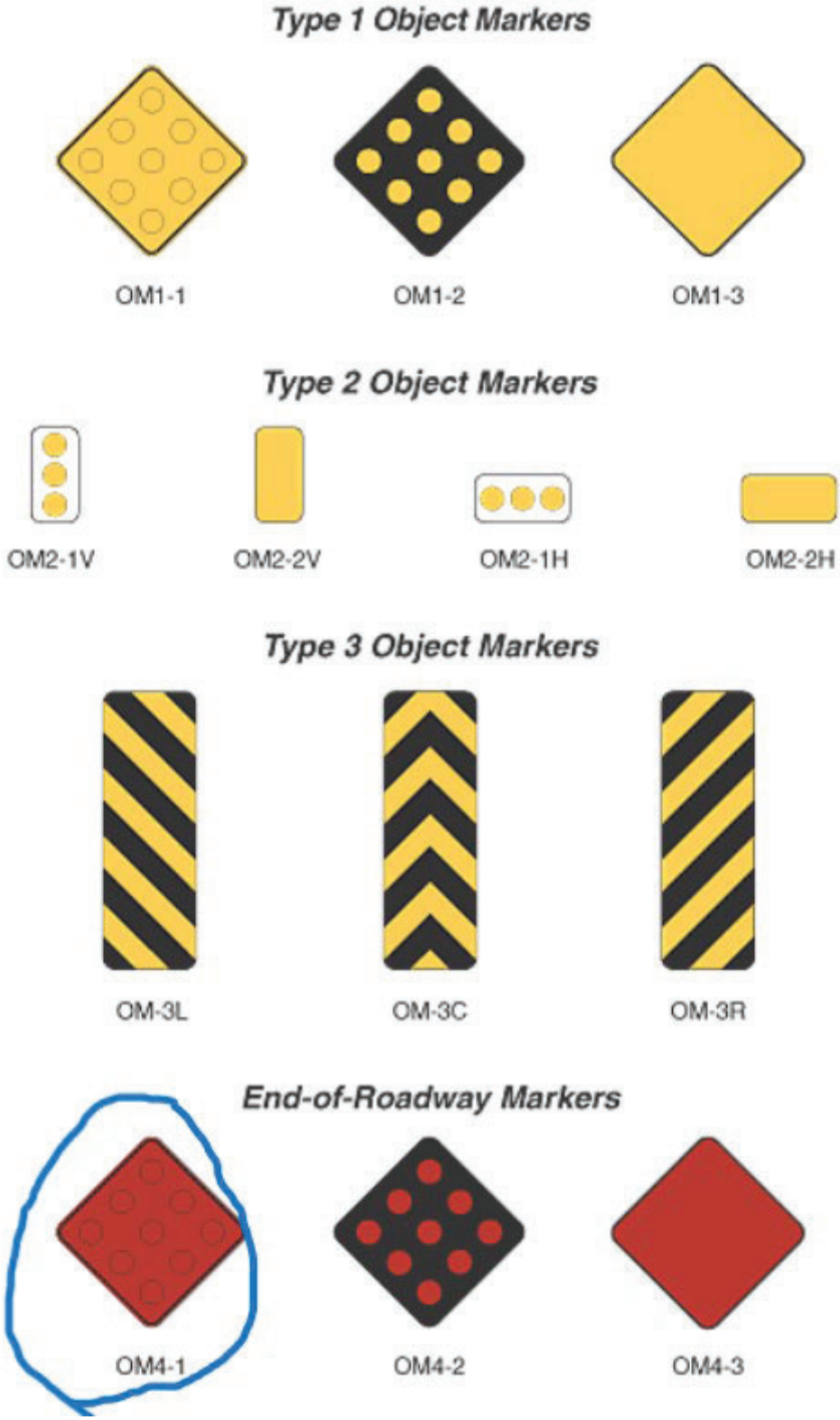

4 Elevation View
Not to Scale

Orlando International Airport

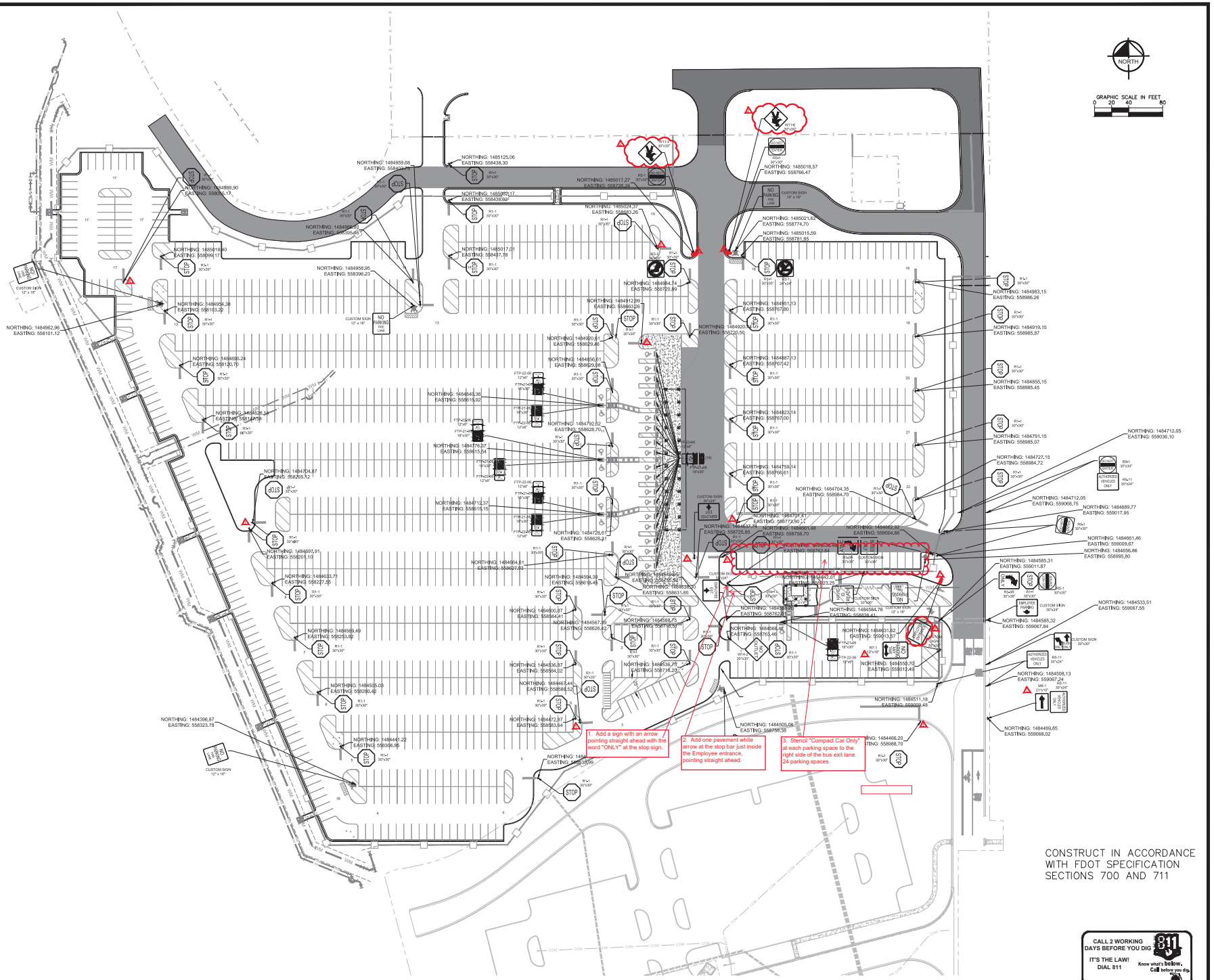



Campus View

**Figure 3C-1. Object Markers and End-of-Roadway Markers**




The red color would stand out during the day and at night the reflectors would be very visible. They would also function as typical end of roadway signage and be easy to obtain as a standard MUTCD sign.




GREATER ORLANDO AVIATION AUTHORITY

BP-S00193

EMPLOYEE PARKING LOT

ORLANDO INTERNATIONAL AIRPORT


HNTB Corporation
610 Crescent Executive Court, Suite 400
Lake Mary, FL 32746
FBPE Lic: CA6500 FBAID Lic: AA0002318

Kimley»Horn
Kimley-Horn and Associates, Inc.
189 South Orange Avenue, Suite 1000
Orlando, FL 32801
FBPE Lic: CA696

AVCON
AVCON, Inc.
5555 E. Michigan St., Suite 200
Orlando, FL 32822
FBPE Lic: CA5057


State of Florida Seal

This item has been electronically signed and sealed by Clinton J. Pleiter, P.E. on the date shown using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

## Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 5/9/2022 | HORIZONTAL REVIEW |
| 2 | 2/24/2023 | PRECON MEETING |

Key Plan

| | |
|---|---|
| Project No.: | BP-S00193 |
| Designed By: | CJP |
| Drawn By: | NJJ |
| Checked By: | CJP |
| Issue Date: | 04/19/2022 |
| Drawing Scale: | AS SHOWN |
| Drawing Title: | SIGNING PLAN |

CONFORMED DOCUMENTS

Drawing No.

C40.0.02

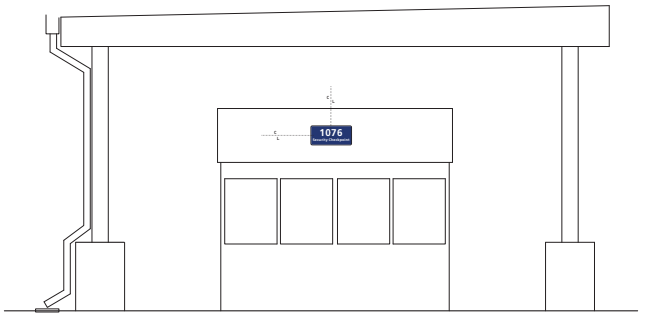
Date: Feb 27, 2023 - Time: 10:01 am - Plotted By: jdreyer
Drawing: J:\BP-S00193 EMPLOYEE PARKING LOT\CAD\Roadway\SIGNING PLAN.dwg

BUILDING NUMBER IS 1077




1 Graphic View
Scale is 1" = 4"

Center in Top Metal Panel

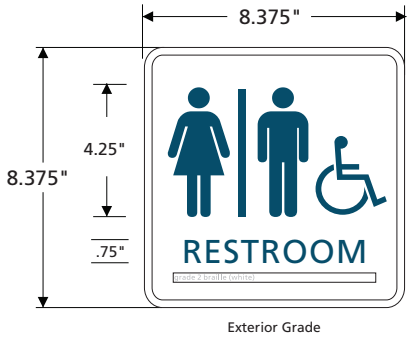



1.1 Elevation View
Not to Scale

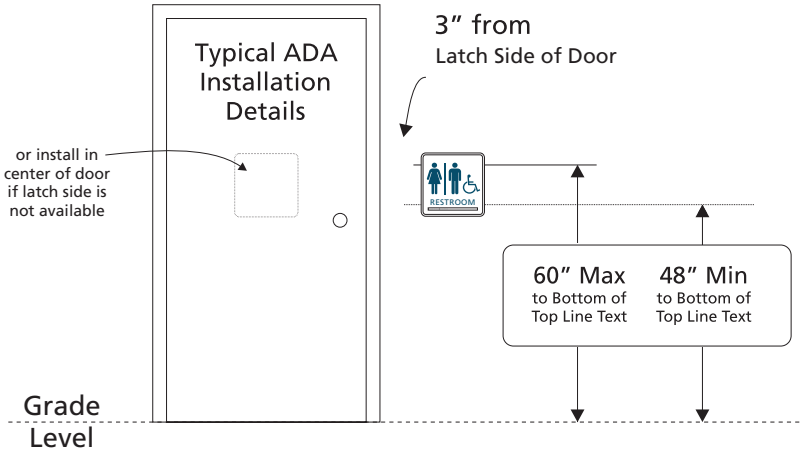
to be seen on the approach
(north east elevation)

Colors

| 3M 1175 Transparent Blue | 3M 3400 series Engineer Grade Prismatic |
|---|---|



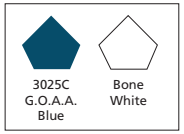

2 Graphic View
Scale is 1" = 4"

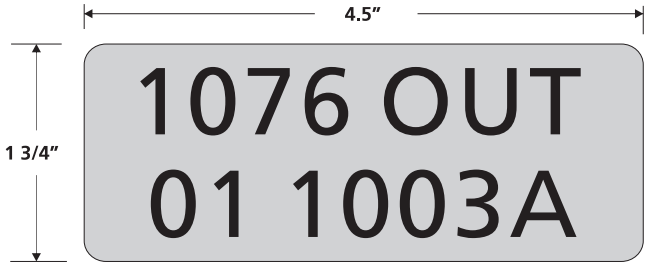



2.1 Installation View
Not to Scale

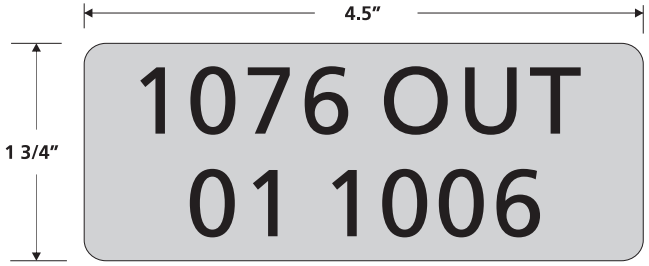
1/2" thick molded frame (Rowmark)
snap in panel
with raised tactile graphics
with Grade II Braille (G.O.A.A. typ.)
Font: Frutiger 55 Roman; 14.5 C / 122 W

Colors

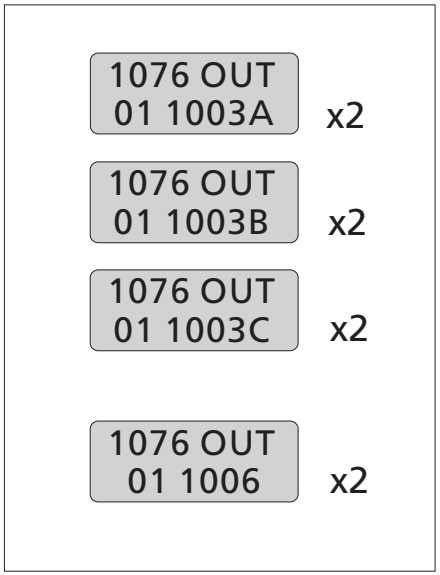




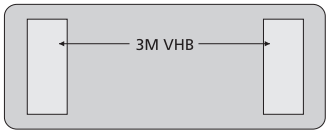

4 Graphic View
Scale is 1” = 1”



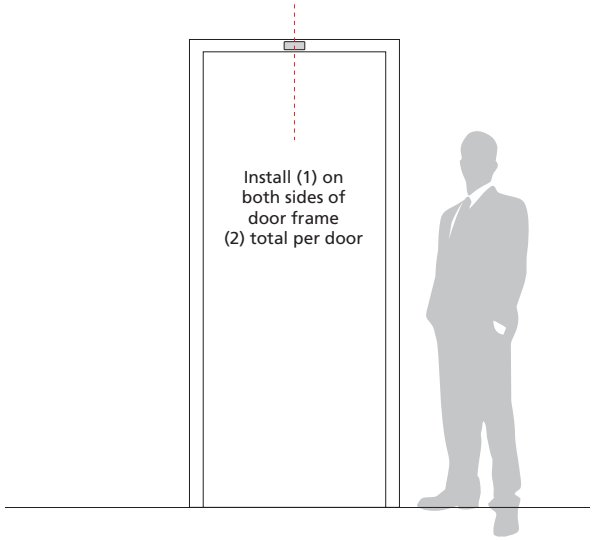

5 Graphic View
Scale is 1” = 1”




5.1 Message Schedule
Not to Scale

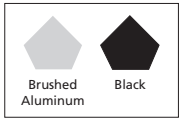



BACK OF TAG




5.2 Installation View
Not to Scale

Colors



| BPS-193- CO 10 OAR Estimate - Item #1 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Takeoff Quantity** | | **UOM** | | **Material Unit Cost** | | **Material Cost** | | **Labor Unit** | **Labor Cost** | **Total Cost** |
| **01 General Requirements** | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| **GOAA Employee Parking** | | | | | | | | | | | | |
| **Signage/Pavement Markings** | **Subconntractor** | | | | | | | | | | | |
| **PCO #44** | Signage /Pavement Markings | 1.00 | | LS | | $ 3,536.25 | | $ 3,536.25 | | | | |
| | Additional Terminal C Signage | 1.00 | | LS | | $ 2,386.25 | | $ 2,386.25 | | | | |
| | Installation Labor | 32.00 | | HRS | | | | | | $ 32.00 | $ 1,024.00 | |
| | Supervision | 16.00 | | HRS | | | | | | $ 55.38 | $ 886.08 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | **Subtotals** | | | | | | | $ 5,922.50 | | | $ 1,910.08 | |
| | | | | | | *6.5% Sales Tax* | | | | | | |
| | | | | | | | | *$ 5,922.50* | | | Material +Tax | $ 5,922.50 |
| | | | | | | | | | | | Labor Cost | $ 1,910.08 |
| | | | | | | | | | | GC -Mark -up 15% | | $ 286.51 |
| | | | | | | | | | | Sub Mark-up 10% | | $ 592.25 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | Total Cost Work | $ 8,711.34 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

McCree
DESIGN BUILDERS, INC.

500 E. Princeton Street
Orlando, FL 32803
Ph: (407) 898-4821
Fax: (407) 896-8763

# Potential Change Order

## Project Information

**PROJECT #:** 52203430
**PROJECT NAME:** GOAABP-S193 EMPLOYEE PARKING LOT
**ADDRESS:** 10401 JEFF FUQUA BLVD N.
ORLANDO, FL 32827

## Potential Change Order

**PCO #:** 47
**DATE:** 10/16/23
**Revision #:** 0

## General Contractor

**CONTACT** Jim Doucette
**COMPANY** MCCREE DESIGN BUILDERS, INC.
**ADDRESS** 500 E. Princeton Street
Orlando, FL 32803
**PHONE** (407) 898-4821 **CELL** (407) 473-7929

## Owner

**CONTACT** JAMIE McGONAGILL
**COMPANY** GREATER ORLANDO AVIATION AUTHORITY
**ADDRESS** ONE JEFF FUQUA BLVD
ORLANDO, FL 32827
**PHONE** **CELL**

## Description of Proposed Change

PROVIDE AND INSTALL GROUNDING CABLE AT THE ADDED MAN GATE

| DESCRIPTION | UOM | QTY | RATE | AMOUNT |
|---|---|---|---|---|
| Subcontractor: Rose Fence Company | | | | |
| | LS | 0 | $0.00 | $862.50 |
| | | | **SUB TOTAL** | **$862.50** |
| General Requirements | | | | $0.00 |
| | | | **SUB TOTAL** | **$862.50** |
| Insurance | | | | $0.00 |
| | | | **SUB TOTAL** | **$862.50** |
| Fee | | | 10.00% | $86.25 |
| | | | **SUB TOTAL** | **$948.75** |
| | | | **TOTAL** | **$948.75** |

***Additional time required to complete the above work*** *0* ***DAYS***

# Rose Fence Company

7310 Old Cheney Hwy ♦ Orlando, FL 32807
Ph: 407.382.5000 ♦ Fax: 407.384.2299
Email: *inforose@rosefencecompany.com*

CGC#060180

Date: October 13, 2023

McCree Design Builders, Inc.
500 E. Princeton Ave.
Orlando, Fl. 32803

Attn: Kimberly Voelker

Ref: GOAA Employee Parking Lot-Single Gate Grounding

Dear Kimberly,

I am pleased to offer the following quote.

To furnish and install 2 – ¾" x 10' ground rods, clamps and cables to gate posts. See attached breakdown.

**Rose Fence M/U: $112.50**

Sincerely,
Rose Fence Company

Tom Calvert
Commercial Sales Manager

***If you need it done per plans and specs, you need Rose Fence!***

**McLean Lightning Protection**

**18735 East Colonial Drive**

**Orlando, FL, 32820**

To: Rose Fencing

To, OIA Parking Lot fence grounding Date: 10/11/2023_____

| Quantity | Description | Unit Price | Line Total |
|---|---|---|---|
| 2 | ¾ x 10ft Ground rods | $36.50 each | $73.00 |
| | | | |
| 2 | Main fence clamps | $35.00 each | $70.00 |
| | | | |
| 2 | Flex Cable | $17.50 each | $35.00 |
| | | | |
| 2 | Gate Clamps | $16.00 each | $32.00 |
| | | | |
| Materials | | Total | $210.00 |
| | | | |
| 2 men | Man Hours 6 Hrs Each | $45.00 per Hr. | $540.00 |
| | | | |
| | | | |
| | | | |
| SUBTOTAL | | | $750.00 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Profit | | | |
| | | | |
| | | | |
| | | | |
| | | | |
|

| BPS-193- CO 10 OAR Estimate - Item #2 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Takeoff Quantity** | | **UOM** | | **Material Unit Cost** | | **Material Cost** | | **Labor Unit** | **Labor Cost** | **Total Cost** |
| **01 General Requirements** | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| **GOAA Employee Parking** | | | | | | | | | | | | |
| **Gate Grounding** | **Subconntractor** | | | | | | | | | | | |
| **PCO #47** | Copper Ground Rod 3/4" x 10' | 2.00 | | LS | | $ 50.00 | | $ 100.00 | | | | |
| | Post clamps and braided ground cable | 1.00 | | Set | | $ 150.00 | | $ 150.00 | | | | |
| | Installation Labor | 16.00 | | HRS | | | | | | $ 32.00 | $ 512.00 | |
| | Supervision | 0.00 | | HRS | | | | | | $ 55.38 | $ - | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | **Subtotals** | | | | | | | $ 250.00 | | | $ 512.00 | |
| | | | | | | *6.5% Sales Tax* | | *$ 16.25* | | | | |
| | | | | | | | | *$ 266.25* | | | Material +Tax | $ 266.25 |
| | | | | | | | | | | | Labor w/Burden | $ 727.04 |
| | | | | | | | | | | | | $ 993.29 |
| | | | | | | | | | | Sub -Mark -up 15% | | $ 148.99 |
| | | | | | | | | | | | | $ 1,142.28 |
| | | | | | | | | | | GC MU 10% | | $ 114.23 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | Total Cost Work | $ 1,142.28 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| CHANGE ORDER NO. #11 | AMOUNT $6,219.00 | Extension Of Time (Subst.): 0 Days<br>Extension Of Time (Final): 0 Days |
|---|---|---|

| | | |
|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00193 South Employee Lot | DATE: 12/05/23 |
| CONTRACTOR: | McCree Design Builders, Inc. | |
| A/E: | HNTB | |

DESCRIPTION OF CHANGE TO CONTRACT:

**Item #1 (PCO #36):** Provide all labor, equipment, and materials to install, connect and program electronic modules for the 4-inch irrigation system main to allow the relocated pressure relief valves to communicate with the existing irrigation control panel. This item replaces Field Change Order No. 19.
**Add: $6,219.00**

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

REASON FOR CHANGE:

**Item #1: Unforeseen Condition.** The contract documents required relocation of an existing pressure reducing valves (PRV) on the reclaimed water system. However, irrigation wiring connected to the PRV was not identified, and only found after construction started. This change is to install electronic modules, and provide programming for these modules, to reconnect the irrigation wiring at the relocated PRV location, and enable connection to the existing controller.

SOURCE OF FUNDS: Previously approved General Airport Revenue Bonds

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

EXPLAIN:

| | | |
|---|---|---|
| Previously Presented Bulletin(s): | N/A | (Copy Attached) |
| Previously Approved Field Change Order(s): | 19 | (Copy Attached) |

| | | |
|---|---|---|
| Contractor's Original RCO Submission | $ **6,402.00** | |
| GOAA/OAR Estimate | $ 6,314.00 | |
| (a) Change Contract Amount By | | **$ 6,219.00** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | **$ 6,219.00** |

| | | |
|---|---|---|
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | Omissions | $ 0.00 |
| | Errors | $ 0.00 |

PREPARED BY: Jamie McGonagill, GCI PHONE: X6565

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

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 11/21/2023 | 11/29/2023 | ZTG | VHinds - 11/29/23 |



CC
ITEM III-C
12/5/2023

McCree
DESIGN BUILDERS, INC.

500 E. Princeton Street
Orlando, FL 32803
Ph: (407) 898-4821
Fax: (407) 896-8763

# Potential Change Order

## Project Information

**PROJECT #:** 52203430
**PROJECT NAME:** GOAABP-S193 EMPLOYEE PARKING LOT
**ADDRESS:** 10401 JEFF FUQUA BLVD N.
ORLANDO, FL 32827

## Potential Change Order

**PCO #:** 36
**DATE:** 05/17/23
**Revision #:** 0

## General Contractor

**CONTACT** Edward Warmoth
**COMPANY** MCCREE DESIGN BUILDERS, INC.
**ADDRESS** 500 E. Princeton Street
Orlando, FL 32803
**PHONE** (407) 898-4821 **CELL** (407) 473-7929

## Owner

**CONTACT** JAMIE McGONAGILL
**COMPANY** GREATER ORLANDO AVIATION AUTHORITY
**ADDRESS** ONE JEFF FUQUA BLVD
ORLANDO, FL 32827
**PHONE** **CELL**

## Description of Proposed Change

COMPLETE ELECTRONIC MODULES CONNECTION AT PRV ALLOWING PRV TO COMMUNICATE TO IRRIGATION CONTROL PANEL.

| DESCRIPTION | UOM | QTY | RATE | AMOUNT |
|---|---|---|---|---|
| HELPING HAND LAWN CARE ESTIMATE 1084 | LS | 0 | $0.00 | 5,653.19 ~~$5,820.00~~ |
| | | | **SUB TOTAL** | ~~**$5,820.00**~~ |
| General Requirements | | | | $0.00 |
| | | | **SUB TOTAL** | ~~**$5,820.00**~~ |
| Insurance | | | 0.00% | $0.00 |
| | | | **SUB TOTAL** | ~~**$5,820.00**~~ |
| Fee | | | 10.00% 565.32 | ~~$582.00~~ |
| | | | **SUB TOTAL** | ~~**$6,402.00**~~ |
| | | | **TOTAL** | ~~**$6,402.00**~~ 6,219.00 |

***Additional time required to complete the above work*** *0* ***DAYS***

**Helping Hand Lawn Care**
PO BOX 1704
SORRENTO, FL 32776 US
407-221-0593
hhlawncare@hotmail.com

# Invoice

| BILL TO | SHIP TO |
|---|---|
| McCree Design Builders Inc<br>500 East Princeton Street<br>Orlando, Florida 32803 | McCree Design Builders Inc<br>500 East Princeton Street<br>Orlando, Florida 32803 |

| INVOICE # | DATE | TOTAL DUE | DUE DATE | TERMS | ENCLOSED |
|---|---|---|---|---|---|
| 9076 | 06/28/2023 | ~~$5,819.65~~ | 07/28/2023 | Net 30 | |

| DESCRIPTION | QTY | RATE | AMOUNT |
|---|---|---|---|
| **irrigation**<br>Irrigation Labor (Overtime rates) (The fact that this work would be at our overtime rates was agreed to by McCree prior to any work being done) (Base Rate $50.00 an hour) | 11.20 | ~~74.75~~<br>59.51<br>4,886.65 | ~~837.20~~<br>766.54<br>4,886.65 |
| **Irrigation Parts**<br>Bicoders, sensors and solenoids (see attached) (Invoice 1) | 1 | ~~4,982.45~~ | ~~4,982.45~~ |

BALANCE DUE ~~$5,819.65~~ 5,653.19

# Sales Invoice

SiteOne LANDSCAPE SUPPLY
Stronger Together

Orlando FL #15
5340 Old Winter Garden Rd
Orlando, FL 32811-1521
W: (407)578-1545

Sold To:
Helping Hands (#620829)
705 Monroe Harbor Pl
Sanford, FL 32773-6452
W: (407)221-0593

Ship To:
Helping Hands (#620829)
6100 Canal Rd
Orlando, FL 32827-7206
W: (407)221-0593

| Ordered | Order# | PO# | Invoiced | Invoice# |
|---|---|---|---|---|
| 06/16/2023 | 222679952-001 | Final Parking lot | 06/16/2023 | 222679952-001 |

| Printed | Requested for | Ship Via | Customer Contact | Sales Associate |
|---|---|---|---|---|
| 06/16/2023 | 06/16/2023 | Delivery Pilot | NORM RIPPER | Alexander Navarro |

**For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Emergency Response Assistance, call: CHEMTREC Day or Night- 1 (800) 424-9300**

| LN | Item # | Description | Qty Ordered | Qty Shipped | Qty Open | Net Price | Ext. Price |
|---|---|---|---|---|---|---|---|
| 1 | BL-5200-PCK-R92 | Hydropoint Baseline Powered Bicoder Conversion Kit 5200 Series 24 Station | 1 | 1 | 0 | 979.160/EA | 979.16 |
| 2 | BL-5309 | Flow Bicoder for Electromagnetic Type Flow Sensors | 6 | 6 | 0 | 480.060/EA | 2880.36 |
| 3 | 606800 | Hunter AC Solenoid Assembly24 VAC | 6 | 6 | 0 | 112.331 / EA | ~~763.99~~ 673.99 |

PAYMENT: Visa $4982.95
Acct#: **********6657
Auth# 003366

| | |
|---|---|
| | 4,533.51 |
| Subtotal: | ~~$4623.51~~ |
| Sales Tax | ~~$323.65~~ 317.35 |
| Freight: | $35.79 |
| Total: | ~~$4982.95~~ 4,886.65 |
| Total Payment: | ~~$4982.95~~ |
| Amount Due: | $0.00 |

CUSTOMER SIGNATURE: _____

SiteOne Landscape Supply warrants that all products conform to the description on the label. Because conditions of use, which are of critical importance are beyond our control, seller makes no warranty, expressed or implied, concerning the use of these products. No employee of the company is authorized to make any warranty or representation, expressed or implied, concerning our products. Always follow directions and carefully observe all precautions on the label or manufacturer's instructions. Products used contrary to directions may cause serious plant or personal injury. Buyer assumes all risk of use of handling whether in accordance with direction or not and accepts the products sold to them by this company on these conditions.

Note: Returns subject to 25% restock charge.

CUSTOMER OBSESSED | ROBERT WILLIAMS | Area Business Manager
407-578-1545 | RWilliams@SiteOne.com

We are 100% committed to your success. Please don't hesitate to contact me directly at the number above with feedback and input regarding your visit to our store today.

Check out the New SiteOne.com
Shop our Catalog, Get Pricing, and Place an Order 24/7/365.
Visit today at siteone.com.
*Get 5% off your first order up to $500 off when you use promo code WELCOME at checkout.*

GREATER ORLANDO AVIATION AUTHORITY

# FIELD CHANGE ORDER

# ACCEPTANCE AND APPROVAL TO PROCEED

| | | | |
|---|---|---|---|
| **FIELD CHANGE ORDER (FCO) NO.:** | 19 | **FCO ISSUE DATE:** | 05/19/23 |
| **CONTRACT NO. & DESCRIPTION:** | BP-S00193, South Employee Parking Lot | | |
| **Brief Description of Work:** | Provide all labor, equipment, and materials to install, connect and program electronic modules for the 4-inch irrigation system main to allow the relocated pressure relief valves to communicate with the irrigation control panel. | | |
| **INITIATOR:** | Jamie McGonagill | PHONE NO. | 407-948-5698 (c) |
| **CONTRACTOR:** | McCree Design Builders, Inc. | | |
| **COST TYPE:** | NTE | **COST AMT:** | $6,402.00 |

## FUNDING APPROVAL:

| | |
|---|---|
| ***GOAA Construction Finance:*** | Melvin Martinez<br>Melvin Martinez<br>May 23 2023 8:54 AM |

## ACCEPTED AND APPROVED TO PROCEED (one signature required):

| | |
|---|---|
| ***GOAA Construction Committee Chairman:***<br>Max Marble, Sr. Vice President of Capital Programs | Max Marble<br>May 26 2023 2:08 PM |
| ***Designee:** Attach designee email or*<br>*Kevin J. Thibault, Chief Executive Officer* | |

*THIS DOCUMENT WHEN BEARING THE SIGNATURES OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE AFOREMENTIONED CHANGES TO THE CONTRACT.*

DocuSign Envelope ID: C66C3C3F-3163-4AC6-B704-EF12A9A8B149

GREATER ORLANDO AVIATION AUTHORITY

# FIELD CHANGE ORDER *[1 Original]**

| FIELD CHANGE ORDER (FCO) NO.: | 19 | FCO ISSUE DATE: | 05/19/23 |
|---|---|---|---|
| **CONTRACT NO. & DESCRIPTION:** | BP-S00193 South Employee Parking Lot | | |
| **CONTRACTOR:** | McCree Design Builders, Inc. | | |
| **A/E:** | N/A | | |

*THIS DOCUMENT WHEN BEARING THE SIGNATURE OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE UNDERMENTIONED CHANGES TO THE CONTRACT.*

*THE CONTRACTOR IS REQUESTED TO REVIEW THE DESCRIPTION OF CHANGE AND METHOD INTENDED TO ADJUST THE CONTRACT AMOUNT/TIME AND SIGN IN THE BOX MARKED CONTRACTOR'S ACCEPTANCE. UPON SIGNATURE, PLEASE RETURN TO OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY.*

## DESCRIPTION OF CHANGE:

Provide all labor, equipment, and materials to install, connect and program electronic modules for the 4" irrigation system main to allow the relocated pressure relief valves to communicate with the irrigation control panel.

**COST NTE: $6,402.00**

## EVALUATION OF CHANGE IN CONTRACT AMOUNT AND TIME:

IT IS AGREED THAT THE VALUE OF THE FIELD CHANGE ORDER SHALL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS:

- ☐ BY ESTIMATE AND ACCEPTANCE OF A LUMP SUM QUOTATION
- ☒ BY ESTIMATE AND ACCEPTANCE OF A NOT-TO-EXCEED QUOTATION
- ☐ BY UNIT PRICES SET OUT IN THE CONTRACT OR SUBSEQUENTLY AGREED UPON
- ☐ BY FORCE ACCOUNT USING ABOVE RATES FOR LABOR, MATERIALS, EQUIPMENT

- ☒ CONTRACT TIME IS UNCHANGED
- ☐ CONTRACT TIME CHANGED BY _____ CALENDAR DAYS

**FUNDING SOURCE:** Previously Approved Capital Expenditures

**Reference Bulletin(s):** N/A

## CONTRACTOR'S ACCEPTANCE:

CONTRACTOR: DocuSigned by: Richard T. McCree Jr. 87FE7DF95F0B4A7... DATE: 5/22/2023

WITNESS: _____ DATE: _____

## ACCEPTED AND APPROVAL TO PROCEED:

GOAA SR. VP CAPITAL PROGRAMS: _____ DATE: _____

GOAA CONSTRUCTION COMMITTEE CHAIR:

_____ DATE: _____

## FOR INTERNAL USE ONLY

| | | | |
|---|---|---|---|
| GOAA FINANCE: _____ | | | DATE: _____ |
| PREPARED BY: | | | PHONE: |
| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: |

**Fully Executed Original to be provided to Project Controls for electronic distribution.*

**GREATER ORLANDO AVIATION AUTHORITY**
Orlando International Airport
11312 Terminal C Service Road
Orlando, Florida 32824

# FIELD CHANGE ORDER (FCO)
# EMERGENCY JUSTIFICATION

CONTRACT NO.: BP-S00193 CONTRACT NAME: South Employee Parking Lot

REFERENCE FIELD CHANGE ORDER NO.: 18

Specific Reason for Field Change Order / Emergency Justification:

Field change order is required to expedite the work and not delay the completion of the project.

Causes:

Impacts of Change Order (Costs/Time):
The estimated cost for these services is not to exceed $6,402.00.
There is no anticipated additional time associated with this change.

Record of Negotiations / Justifications for Abnormal Costs:
Receipt and negotiation of a not to exceed cost proposal for the work.

Funding Source:
Previously Approved Capital Expenditures

(Attach any additional documents as necessary.)

Prepared by: GCI / Jamie McGonagill / 05/19/23
Company / Name / Date

## BPS-193 -PCO 36 OAR Estimate

| | | Takeoff Quantity | | UOM | | Material Unit Cost | | Material Cost | | Labor Unit | Labor Cost | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **01 General Requirements** | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| **Irrigation Wiring** | **Materials** | | | | | | | | | | | |
| | Biocoders.wiring Misc Parts | 1.00 | | LS | | $ 3,100.00 | | $ 3,100.00 | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | (Installation) Field Labor Hours | 32 | | HRS | | | | | | $ 82.50 | $ 2,640.00 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | **Subtotals** | | | | | | | $ 3,100.00 | | | $ 2,640.00 | |
| | | | | | | *7.5% Sales Tax* | | | | | | |
| | | | | | | | | *$ 3,100.00* | | | Material +Tax | $ 3,100.00 |
| | | | | | | | | | | | Labor Cost | $ 2,640.00 |
| | | | | | | | | | | GC Mark-Up | 10%OH | $ 574.00 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | Total Cost Work | $ 6,314.00 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | | | |
|---|---|---|---|---|---|
| **CHANGE ORDER NO.** | **08** | **AMOUNT $** | **(12,965.00)** | **Extension Of Time (Subst.):** | **0 Days** |
| | | | | **Extension Of Time (Final):** | **0 Days** |

| | | |
|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00199 Train Station PDL Parking Lots (D/B) | DATE: 12/05/23 |
| CONTRACTOR: | The Middlesex Corporation | |
| A/E: | N/A | |

DESCRIPTION OF CHANGE TO CONTRACT:

**Item #1:** Furnish two (2) variable message board signs for a period of 42 days, to be used for traffic control at the project site from 11/25/23 to 01/05/24.
**Add: $1,959.00**

**Item #2:** Provide all labor material and equipment for added grading and asphalt pavement, for the increased area along the west edge of surface lot 3 due to realignment of the shared use path from what was originally approved in change order No. 3. This change includes a credit for the use of GOAA reclaimed limerock millings for the shared use path subbase material, instead of imported limerock as originally planned and included in the cost of previously approved change order No. 3.
**Deduct: ($14,924.00)**

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

REASON FOR CHANGE:

**Item #1: Owner Request**. The variable message board signs will provide needed traffic control signage, for employees and passengers, and keep unauthorized vehicles away from the remaining construction activities.

**Item #2: Owner Request.** GOAA Parking and Operations requested the shared use path be realigned to the west edge of surface lot 3, and wrap around the back of the parking lot to the bus shelter location. This change added 965 sf of surface area, which increased the cost of asphalt, base and subbase. This change also provides a credit back to the Owner for allowing the Contractor to use material from GOAA's existing limerock millings stockpile. Change order No. 3 included the cost of imported limerock for use as "in lieu of" limerock for the share use path. GOAA's limerock millings stockpile was tested, and found to meet FDOT parameters for use as "in lieu of" limerock.

SOURCE OF FUNDS: Authority Funds

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

EXPLAIN: Additional parking spaces was requested during construction of the original base scope.

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

| | | |
|---|---|---|
| Contractor's Original RCO Submission | $ 24,452.00 | |
| GOAA/OAR Estimate | $ (11,109.71) | |
| (a) Change Contract Amount By | | **$ (12,965.00)** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | **$ (12,965.00)** |

| | | |
|---|---|---|
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | Omissions | $ 0.00 |
| | Errors | $ 0.00 |

PREPARED BY: Jamie McGonagill, GCI PHONE: x6565

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

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 11/21/2023 | 11/30/2023 | ZTG | Melvin Martinez |

Jamie McGonagill
OAR Project Manager
Geotech Consultants International Inc. (GCI) on behalf of
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, FL 32824

November 14, 2023

**Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – Rental Variable Message Boards – Extension from 11/24/23 to 1/05/23**

Dear Mr. McGonagill,

Per Article 7.1.7 of the GOAA/Middlesex Corporation (TMC) Contract Agreement, TMC hereby submits its lump sum proposal of **$1,959** to extend the rental of the two variable message boards on site from 11/24/23 to 1/05/24.

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

| THE MIDDLESEX CORPORATION<br>10801 Cosmonaut Blvd<br>Orlando, FL 32824<br>Ph: (407) 206-0077 Fax: (407) 206-3559 | Project Description<br>Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Stature S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere. | GOAA | TMC Project: | 2130 |
|---|---|---|---|---|
| DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - Furnishing 2 EA Rental Variable Message Boards - Extension from 11/24/23 to 1/05/24 RCO | | $1,959 | Contract: | BP-S-00199 |
| | | | Date: | 11/14/2023 |

**LABOR**

| | DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| | Rental VMB's | | | | |
| | | | | | |
| | | | | | |
| |

# Bob's BARRICADES, INC.

**2020 DIVERSIFEID WAY**
**ORLANDO,FL. 32804**
**(407)855-7186**
**(407)316-8565**


***QUOTE*** MIDDLESEX **MID029**

***ATTN:*** PETER DONKOR

**LOCATION:** 10705 JEFF FUGUA BLVD
**PROJECT#:** GOAA-S-00199 TRAIN STATION
**COUNTY:** ORANGE
**CONSTRUCTION DAYS:** 30 DAYS

**EFFECTIVE DATE:** 6/16/2023 JB

Bob's Barricades, Inc. offers you the following low rental rates for your traffic control needs:

| Item Description | Quantity | Price | Total | |
|---|---|---|---|---|
| VARIABLE MESSAGE BOARD | 2 | $20.00 | $40.00 | PER DAY |
| TRAFFIC BARREL | 8 | $0.30 | $2.40 | PER DAY |

TOTAL = $1,272 **FOR 30 DAYS**

**SALES TAX = 6.5%**
**JOB MIN $45**

**This bid must be signed and returned with any resulting contract.**
***Bond, if required, will be an additional 1% charge.**
***Bob's Barricades will not be responsible for failure to provide equipment in quantities which exceed those specifically detailed in the plans.**
***Unit prices above do not include labor for lane closures, special detours and traffic switches.**
***Signs are standard legend and size only. All construction signs mounted on temporary stands will be billed to the prime contractor in addition to the contract. Contractor is responsible for losses or damages.**
***Seventy two hour notification required on delivery of MOT devices.**
***Two week notification required for deliveries of message boards.**
***544-75-14 Price does not include sales tax, site preparation, guardrail posts & blocks.**
***Contractor is responsible for site preparation and MOT for attenuator units.**
***102-89-7 requires a minimum of twenty-one (21) days prior notification on installations.**
***Contractor responsible for site,base,damages and MOT to set and remove item 102-89-7.**
***This quote becomes a part of any resulting contract.**

**This quotation in no way authorizes the use of any Bob's Barricades personnel and/or their certification as worksite traffic safety supervisor without written consent from Bob's Barricades.**

At Bob's Barricades, we take special pride in offering the most complete and dependable service available and our equipment is in top condition at all times. We service jobs with our day crew("Daybirds") and night crew ("Nightowls") . We are proud to be the only barricade company with a Nightowl Program in the world. Our service representatives are on call 24 hours a day . We have radio-dispatched trucks which enable us to make faster deliveries from the field. We also rent and sell contractor's equipment at all of our locations. We sell sand bags, safety vests and stop and slow paddles throughout our entire operation.

Notwithstanding any language contained elsewhere in the contract between Bob's Barricades, Inc. ("Subcontractor") and _____ ("Contractor"), the following language supercedes and controls any language to the contrary: (1) Indemnification: Subcontractor will indemnify and hold harmless Contractor from and against all claims and suits of any kind related to the Work only where the Contractor is held vicariously liable solely for the active negligence of Subcontractor, and not in the event of Contractor being found liable or at fault to any degree, or both Subcontractor and Contractor being found liable or at fault to any degree; Subcontractor will defend Contractor only where the claim or suit alleges vicarious liability only on the part of Contractor for the acts or omissions of Subcontractor, and not for any other allegations; (2) Insurance: Subcontractor agrees to provide liability insurance making Contractor an additional insured, but only for vicarious liability it may have arising out of the acts or omissions of Subcontractor related to the Work, and not for any other purpose, or to any other extent. The acceptance by Contractor of this bid proposal of Subcontractor for the Work constitutes full acceptance by Contractor of all terms contained herein, and its incorporation into any other agreement between Contractor and Subcontractor for the Work described herein.

Sincerely,

PEDRO PINA
Bob's Barricades, Inc.

_____
CONTRACTOR SIGNATURE

## BPS-199 - Item 2 OAR Estimate

| | | Takeoff Quantity | | UOM | | Material Unit Cost | | Material Cost | | Labor Unit | Labor Cost | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **01 General Requirements** | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| **GOAA Train Station** | | | | | | | | | | | | |
| **Variable Message Boards** | **Low-Voltage** | | | | | | | | | | | |
| | Variable Message Boards | 42.00 | | LS | | $ 42.00 | | $ 1,764.00 | | | | |
| | Traffic Barrels | 42.00 | | Day | | $ 2.50 | | $ 105.00 | | | | |
| | | | | | | | | | | | | |
| | **Electrical** | | | | | | | | | | | |
| | Materials | | | | | | | | | | | |
| | Labor | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | **Subtotals** | | | | | | | $ 1,869.00 | | | $ - | |
| | | | | | | *6.5% Sales Tax* | | | | | | |
| | | | | | | | | *$ 1,869.00* | | | Material +Tax | $ 1,869.00 |
| | | | | | | | | | | | Labor Cost | $ - |
| | | | | | | | | | | GC Mark-Up | 10%OH | $ 534.00 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | Total Cost Work | $ 2,403.00 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Jamie McGonagill
OAR Project Manager
Geotech Consultants International Inc. (GCI) on behalf of
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, FL 32824

November 21, 2023

**Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build - Shared Use Path Limerock Credit and Other Changes RCO**

Dear Mr. McGonagill,

**($14,924)**

The Middlesex Corporation (TMC) hereby provides a credit of ~~**($14,941)**~~ for using GOAA's reclaimed limerock in lieu of virgin limerock for the stabilized subgrade of the "Shared Use Path" connecting Surface Lot 1 to the South APM building.

The above pricing is based on the following:

- Credit for purchase and hauling of 930 TN of limerock
- Additional labor and equipment to load and haul the reclaimed limerock taken from GOAA's stockpile
- Additional labor and equipment to grade the increased area of Surface Lot 1 to accommodate the Shared Use Path (see attached comparison sheet for quantities)
- Additional asphalt paving of the increased area of Surface Lot 1 (see attached comparison sheet)
- Qualifications:
    - Excludes pricing to furnish and install the truck wheel stops
    - Excludes pricing to furnish and install traffic delineators

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive7/13/
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

| THE MIDDLESEX CORPORATION<br>10801 Cosmonaut Blvd<br>Orlando, FL 32824<br>Ph: (407) 206-0077 Fax: (407) 206-3559 | Project Description<br>Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Stature S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere. | GOAA | TMC Project: | 2130 |
|---|---|---|---|---|
| DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - Shared Use Path Limerock Credit and Other Changes | | ($14,924) | Contract:<br>Date: | BP-S-00199<br>11/21/2023 |

**LABOR**

| DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|
| **Loading and Delivering Limerock from Stockpile** | | | | |
| Oper - Loader | 1 | 30 | 38.46 | $ 1,153.80 |
| Truck Driver | 1 | 30 | 37.56 | $ 1,126.80 |
| **Additional Grading due to Expansion of Lot C2 for** | | | | |
| Crew Leader | 1 | 5 | 65.84 | $ 329.20 |
| Oper - Dozer | 1 | 5 | 42.01 | $ 210.05 |
| Oper - Loader | 1 | 5 | 38.46 | $ 192.30 |
| Oper - Excavator | 1 | 5 | 42.01 | $ 210.05 |
| Truck Driver | 1 | 5 | 37.56 | $ 187.80 |
| Laborer - Skilled | 1 | 5 | 31.14 | $ 155.70 |
| **Labor Subtotal** | | | | $ 3,565.70 |
| **Markup:** | | | 15.00% | $ 534.86 |
| **TOTAL LABOR COSTS:** | | | | $ 4,100.56 |

**EQUIPMENT**

| DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|
| Loader - CAT 938 - 3.65 CY | 1 | 30 | 58.87 | $ 1,766.10 |
| Truck - Tri-Axle Dump - 400 HP | 1 | 30 | 88.38 | $ 2,651.40 |
| Truck - 1/2 Ton | 1 | 5 | 17.69 | $ 88.45 |
| Dozer - CAT (D3) 74 hp | 1 | 5 | 102.93 | $ 514.65 |
| Loader - CAT 938 - 3.65 CY | 1 | 5 | 58.87 | $ 294.35 |
| Excavator - CAT 349 - 40 to 50 MT | 1 | 5 | 174.39 | $ 871.95 |
| Truck - Tri-Axle Dump - 400 HP | 1 | 5 | 88.38 | $ 441.90 |
| **Equipment Subtotal** | | | | $ 6,628.80 |
| **Markup:** | | | 15.00% | $ 994.32 |
| **TOTAL EQUIPMENT COSTS:** | | | | $ 7,623.12 |

**MATERIAL**

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| **Loading and Delivering Limerock from Stockpile** | | | | |
| Limerock Material - Bedrock Resources | -930 | TN | $ 14.53 | $ (13,512.90) |
| **Additional Grading due to Expansion of Lot C2 for** | | | | |
| **Material Subtotal** | | | | $ (13,512.90) |
| **Orange County Tax (Surcharge 6.5% up to 5,000)** | | | $ - 6.50% | $ (878.34) |
| **Sales Tax - Over $5,000** | | | | |
| **Material Total** | | | | $ (14,391.24) |
| **Markup:** | | | 8% | $ (1,151.30) |
| **TOTAL MATERIAL COSTS:** | | | | $ (15,542.54) |

**SUBCONTRACTOR / OUTSIDE SERVICE**

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| **Hauling Credit** | | | | |
| Sunrise Hauling - Limerock | (930) | TN | $ 12.75 | $ (11,857.50) |
| **Middlesex Paving - Additional Asphalt** | | | | |
| Asphalt | 9 | TN | $ 175.00 | $ 1,575.00 |
| **Subcontractor / Out Service Subtotal** | | | | $ (10,282.50) |
| **Markup:** | | | 8.00% | ($822.60) |
| **TOTAL SUBCONTRACTOR / OUTSIDE SERVICE COSTS:** | | | | $ (11,105.10) |

**Additional Notes / Description:**

**TOTAL AMOUNTS**

| | |
|---|---|
| **LABOR** | $4,100.56 |
| **EQUIPMENT** | $7,623.12 |
| **MATERIALS** | ($15,542.54) |
| **SUBCONTRACTORS / OUTSIDE SERVICES** | ($11,105.10) |
| **SUB-TOTAL** | ($14,923.96) |
| **Bond** | |
| **TOTAL** | **($14,923.96)** |


OLD VS NEW GEOMETRY
Added area of pavement: 163.35 sf + 803.19 sf ~ 965 SF
Added HMA: 965 SF x 1.5"/12*145 lb/cf /2000 ~ 9 tons
Added Limerock: 965 SF x 8"/12 / 27 ~ 24 CY
Added subgrade stabilization: 965 SF or 107 SY
803.19 sf
EXIT

# ASPHALT BY MIDDLESEX PAVING

3/28/2023 10:17:40AM

# PROPOSAL

**RCO NOTES**

ASPHALT PAVIING
9 TN @ $175/TN = **$1,575.00 ADDITION**

3-23 ✓JP 3-28

Fax: (407) 206-3559

| | | | |
|---|---|---|---|
| Submitted To: | TMC FL (Construction)<br>10801 Cosmonaut Blvd.<br>Orlando, FL 32824 | Job Name:<br>Proposal No.: | GOAA TRAIN STATION PARKING<br>PAV7986R1 |
| Phone:<br>Fax:<br>Attention: | 1-407-206-0077<br>1-407-206-3558 | Middlesex Contact: | Anthony Landry |

Proposal includes up to 2 Paving Mobilization(s).
Proposal is based on Completion by October, 2023.

| ITEM | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|---|---|---|---|---|
| | Paving schedule is subject to availability and allocation of incoming aggregate deliveries for asphalt production schedule. | | | | |
| | **BASE BID (Lots A & B)** | | | ✓ | |
| | MOBILIZATION | 1.00 | LS$ | 40,000.00 | 40,000.00 |
| Lot A | ASPHALT PAVING, 1.5" (1 LIFT) SP-12.5 C | 860.00 | TN | ✓ 175.00 | 150,500.00 |
| Lot B | ASPHALT PAVING, 1.5" (1 LIFT) SP-12.5 C | 828.00 | TN | ✓ 175.00 | 144,900.00 |
| | **SUBTOTAL BASE BID:** | | | | **335,400.00** |
| | **ALTERNATE (Lot C2)** | | | | |
| Lot C | ASPHALT PAVING, 1.5" (1 LIFT) SP-12.5 C | 755.00 | TN | ✓ 175.00 | 132,125.00 |
| Lot C - Bus Loop | ASPHALT PAVING, 3" (2 LIFT) SP-12.5 C | 540.00 | TN | ✓ 175.00 | 94,500.00 |
| | **SUBTOTAL for ALTERNATE** | | | | **226,625.00** |
| **GRAND TOTAL** | | | | | **$562,025.00** |

5-6 days

4-5 days

**NOTES:**

ACCEPTANCE OF PROPOSAL:
This proposal and pricing is accepted by the following signature with agreement to all notes and clarifications as stated herein.

Company Name: _____

Accepted By: _____ Date of Acceptance: _____
Authorized Representative's Signature

Printed Name: _____

MOBILIZATIONS
* If additional paving mobilizations are required exceeding those noted above then an added charge of $5,500 will be required

# HAULING BY SUNRISE HAULING & EXCAVATION

## SUNRISE HAULING & EXCAVATING INC.

PROPOSAL / CONTRACT

345 Enterprise Street
Ocoee, FL 34761
Phone:(407) 775-1401
Fax: (407) 395-2331

RAF 3-16-23

SUNRISE HAULING & EXCAVATING INC.

**Date:** March 13, 2023
**Estimate Number:** 22420232
**Customer Name:** Middlesex Corporation
ADDRESS: 10801 Cosmonaut Blvd
CITY/STATE/ZIP: Orlando, Fl 32824 Florida
PHONE: 407-757-1579
E-MAIL: rfirmi@middlesex.com

**PROJECT**
**GOOA BP-S00199 Train Station**
**LOCATION**
**Orlando Airport**
**Orlando Fl.**

**PAYMENT TERMS**
Net 30

**PREPARED BY:**
Alberto Puentes
Regional Sales Manager
sunrisehaulingestimating@gmail.com
Mobile (407)714-0970

MINORITY CERTIFY M.B.E./LDB, ORLANDO AVIATION, ORANGE COUNTY, MWBE CITY OF ORLANDO, DBE/F-DOT

| QTY | DESCRIPTION | PIT LOADING | DELIVERY LOCATION | HAUL ONLY | TOTAL DELIVERED PRICE |
|---|---|---|---|---|---|
| Cy | Fill Material Delivered | BB Marsh Rd, Clermont | OIA Train Station | 9.50 Cy | 14.75 Cy 5.25 |
| Cy | Clay Material Delivered | Mid Fl Materials | OIA Train Station | 9.50 Cy | 16.95 Cy 7.45 |
| Tn | Limerock Material Delivered | Cemex Center Hill | OIA Train Station | 12.75 Tn | 26.95 Tn 14.20 |
| Tn | DOT #57 Stone Material Delivered | Cemex Cocoa Yard | OIA Train Station | 15.75 Tn | 58.95 Tn 43.20 |
| Hr | Hourly On Site Hauling | OIA Train Station | OIA Train Station | | 70.00 Hr |
| Hr | Hourly Demo Hauling | OIA Train Station | Crusher | | 85.00 Hr |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Fuel Escalation charge of 3% for every 7cents increase from start through duration of Job. Verified by eia.gov lower atlantic fuel website | | | | |

## RCO NOTES

HAULING LIMEROCK FROM BEDROCK RESOURCES
**930** TN @ $12.75/TN = **$11,857.50 (CREDIT)**

*MATERIAL BASED ON AVAILABILTY - Rates based on 10 hour dump days*

NOTE: ALL Rates based on service upon truck availabilty and/or loading condions at the quarry. Upon acceptance of proposal and before placement of order(s). Please sign and return to our office along with NTO or bond informationvia email. **Plese note that before ordering service for any project you must submit a Notice of Commencement stating all the legal description for that particular project.** Fuel Escalation above, Verified by eia.gov lower atlantic fuel website Please remember that acceptance of proposal **does not** represent an order. To place an order you must contat our office or dispatcher with at leaset one day notice. Prices are subject to change if rate(s) increase from the quarry and or change at the dump site(s). Hauling rates are subject to change depending on current fuel prices. Validation of quoted pricing is subject to proposal being accepted and returned with signature within 30 days of sending date.

**SPECIAL PROVISIONS: Prices Quoted are US Tons (Not Metric) Prices Quoted Do Not Allow Retainage**

**PAYMENT TO BE MADE AS FOLLOWS: NET 30**

All work is done with the understanding that the customer is fully responsible to verify that all labor, materials, quantities, equipment, time and all other work furnished meets the requirements of the job stated above. Upon customer satifaction, customer and/or authorized persons will acknowledge by signing the delivery tickets for all work/materials furnished. after the signing of the delivery tickets, customer is fully liable for all work state thereon. There will be no credits issured and no dicrepancies after signing of said tickets. All agreements are contingent upon strikes, accidents, acts of God or delays beyond our control. This proposal is acceptable within 30 days and is void thereafterat the option of the undersigned. In the event it becomes necessary for Sunrise Hauling & Excavating Inc. to engage the service of an attorney to collect any sums due under this contract, the customer will pay reasonable attorney's fees and all costs in making such collection.

**Sign Below to Accept Proposal:**

Authorized Rep _____ Date _____

| BP-S199- CO 8 OAR Estimate - Item #3 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Takeoff Quantity | UOM | | Material Unit Cost | | Material Cost | | Labor Unit | Labor Cost | Total Cost |
| **01 General Requirements** | | | | | | | | | | | |
| | | | | | | | | | | | |
| **GOAA PDL Parking Lots** | | | | | | | | | | | |
| **Added Pavement** | **General Contractor** | | | | | | | | | | |
| | Asphalt | 9.00 | TN | | $ 175.00 | | $ 1,575.00 | | | | |
| **Limerock credit** | limerock | 930.00 | TN | | $ (14.53) | | $ (13,512.90) | | | | |
| **Limerock credit** | hauling | 930.00 | TN | | $ (12.75) | | $ (11,857.50) | | | | |
| | | | | | | | | | | | |
| **Labor** | Load & haul limerock millings | 80.00 | HRS | | | | | | $ 38.00 | $ 3,040.00 | |
| | Grading, compacting | 24.00 | HRS | | | | | | $ 38.00 | $ 912.00 | |
| | Supervision | 5.00 | HRS | | | | | | $ 65.00 | $ 325.00 | **$ 4,277.00** |
| | | | | | | | | | | | |
| **Equipment** | Loader | 32.00 | HRS | | | | | | $ 58.00 | $ 1,856.00 | |
| | Excavator | 8.00 | HRS | | | | | | $ 175.00 | $ 1,400.00 | |
| | Dump Truck | 40.00 | HRS | | | | | | $ 89.00 | $ 3,560.00 | |
| | Pickup | 8.00 | HRS | | | | | | $ 18.00 | $ 144.00 | **$ 10,376.00** |
| | | | | | | | | | | | |
| | **Subtotals** | | | | | | $ (23,795.40) | | | | |
| | | | | | *6.5% Sales Tax* | | *$ (1,546.70)* | | | | |
| | | | | | | | *$ (25,342.10)* | | | Material +Tax | $ (25,342.10) |
| | | | | | | | | | | | |
| | | | | | | | | | | Labor w/Burden | $ 4,277.00 |
| | | | | | | | | | | | |
| | | | | | | | | | | Equipment | $ 10,376.00 |
| | | | | | | | | | | | $ (10,689.10) |
| | | | | | | | | | Sub -Mark -up 15% | | $ (1,603.37) |
| | | | | | | | | | | | $ (12,292.47) |
| | | | | | | | | | GC MU 10% | | $ (1,229.25) |
| | | | | | | | | | | | |
| | | | | | | | | | | **Total Cost Work** | **$ (13,521.71)** |

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | | | |
|---|---|---|---|---|---|
| **CHANGE ORDER NO.** | **03** | **AMOUNT** | **$458,780.00** | **Extension Of Time (Subst.):** | **0 Days** |
| | | | | **Extension Of Time (Final):** | **0 Days** |

| | | | |
|---|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00199 Train Station PDL Parking Lots (D/B) | DATE: | 08/01/23 |
| CONTRACTOR: | The Middlesex Corporation | | |
| A/E: | N/A | | |

DESCRIPTION OF CHANGE TO CONTRACT:

**Item #1:** Provide all supervision, labor, material, equipment and design services for the construction of a 20 foot wide vehicle roadway and ribbon curb extending from Surface Lot 3 to the Passenger Drop-off Lobby. The work includes, but is not limited to, all demolition, drainage, earthworks, asphalt, concrete, striping and signage for a complete and useable roadway to be used by vehicles.
**Add: $458,780.00**

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

REASON FOR CHANGE:

**Item #1: Owner Request -** GOAA Operations has requested a dedicated roadway to operate a shuttle service between Surface Lot 3 and the PDL. The Contractor was requested to submit a price to include the roadway as part of the Surface Lot 3 construction. The additional scope will not impact the project schedule if Middlesex is given direction to proceed with design and construction of the driverless vehicle roadway by 8/16/23.

SOURCE OF FUNDS: Line of Credit to be Reimbursed by Authority Funds

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

EXPLAIN: This is similar work, earthwork and paving, to the original contract scope, and allows for people to travel from parking lot C to the PDL.

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

| | | | |
|---|---|---|---|
| Contractor's Original RCO Submission | $ 458,780.00 | | |
| GOAA/OAR Estimate | $ 546,786.00 | | |
| (a) Change Contract Amount By | | **$** | **458,780.00** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | $ | 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | $ | 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | **$** | **458,780.00** |
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | Omissions | $ | 0.00 |
| | Errors | $ | 0.00 |

PREPARED BY: Jamie McGonagill, GCI PHONE: x6565

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

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 7/19/2023 | 7/28/2023 | ZTG | Melvin Martinez |

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| | | | | | |
|---|---|---|---|---|---|
| **CHANGE ORDER NO.** | **08** | **AMOUNT** | **$24,452.00** | **Extension Of Time (Subst.):** | **0 Days** |
| | | | | **Extension Of Time (Final):** | **0 Days** |

| | | | |
|---|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00199 Train Station PDL Parking Lots (D/B) | DATE: | 12/05/23 |
| CONTRACTOR: | The Middlesex Corporation | | |
| A/E: | N/A | | |

DESCRIPTION OF CHANGE TO CONTRACT:

**Item #1:** Provide all labor, material, and equipment to install two (2) 4-inch schedule 40 PVC conduits for the future electric vehicle charging stations at each of the three (3) Surface Lots. Work includes an open cut trench installation approximately 45 linear feet in length for the conduits at Surface Lot A, and approximately 240 linear feet of directional drilling for the conduits for Surface Lots B and C, and installation of three (3) 30"x48x36" quazite electrical pull boxes. This item replaces Field Change Order No. 4.
**Add: $37,434.00**

**Item #2:** Furnish two (2) variable message board signs for a period of 42 days, to be used for traffic control at the project site from 11/25/23 to 01/05/24.
**Add: $1,959.00**

**Item #3:** Provide all labor material and equipment for added grading and asphalt pavement, for the increased area along the west edge of surface lot 3 due to realignment of the shared use path from what was originally approved in change order No. 3. This change includes a credit for the use of GOAA reclaimed limerock millings for the shared use path subbase material, instead of imported limerock as originally planned and included in the cost of previously approved change order No. 3.
**Deduct: ($14,941.00)**

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

REASON FOR CHANGE:

**Item #1: Owner Request.** This change is for the installation of electric vehicle (EV) conduit infrastructure from the OUC proposed future transformer locations, at each of the three (3) surface parking lots, to the electrical panel rack where future EV distribution panels will be mounted. This infrastructure is to prepare for future EV charging stations to minimize construction demolition of roadways and parking lots when EV charging stations will be installed by others in the future.

**Item #2: Owner Request**. The variable message board signs will provided needed traffic control signage, for employees and passengers, and keep unauthorized vehicles away from the remaining construction activities.

**Item #3: Owner Request.** GOAA Parking and Operations requested the shared use path be realigned to the west edge of surface lot 3, and wrap around the back of the parking lot to the bus shelter location. This change added 965 sf of surface area, which increased the cost of asphalt, base and subbase. This change also provides a credit back to the Owner for allowing the Contractor to use material from GOAA's existing limerock millings stockpile. Change order No. 3 included the cost of imported limerock for use as "in lieu of" limerock for the share use path. GOAA's limerock millings stockpile was tested, and found to meet FDOT parameters for use as "in lieu of" limerock.

SOURCE OF FUNDS: Authority Funds

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

EXPLAIN: Additional parking spaces was requested during construction of the original base scope.

**CC**
**ITEM III-D**
**12/5/2023**

| | | | |
|---|---|---|---|
| Previously Presented Bulletin(s): | N/A | | (Copy Attached) |
| Previously Approved Field Change Order(s): | 4 | | (Copy Attached) |
| Contractor's Original RCO Submission | $ 24,452.00 | | |
| GOAA/OAR Estimate | $ | | |
| (a) Change Contract Amount By | | | **$ 24,452.00** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | | $ 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | | $ 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | | **$ 24,452.00** |
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | | Omissions | $ 0.00 |
| | | Errors | $ 0.00 |
| PREPARED BY: Jamie McGonagill, GCI | | | PHONE: x6565 |

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

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 11/21/2023 | | | |

GREATER ORLANDO AVIATION AUTHORITY

# FIELD CHANGE ORDER REQUEST

| | |
|---|---|
| **FIELD CHANGE ORDER NO.:** 04 | **REQUEST DATE:** 10/19/2023 |
| **PROJECT NO. & DESCRIPTION:** BP-S00199 Train Station PDL Parking Lots (Design/Build) | |
| **CONTRACTOR:** The Middlesex Corporation | **A/E:** N/A |
| **PM/OAR:** Jamie McGonagill | **PHONE:** 407-948-5698 (c) |

*THIS DOCUMENT WHEN BEARING THE SIGNATURE OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE UNDERMENTIONED CHANGES TO THE CONTRACT.*

*THE CONTRACTOR IS REQUESTED TO REVIEW THE DESCRIPTION OF CHANGE AND METHOD INTENDED TO ADJUST THE CONTRACT AMOUNT/TIME AND SIGN IN THE BOX MARKED CONTRACTOR'S ACCEPTANCE. UPON SIGNATURE, PLEASE RETURN TO OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY.*

**DESCRIPTION OF CHANGE:**

Provide all labor, material, and equipment to install two additional 4-inch conduits for the future EV charging stations at each of the three Surface Lots. Includes open cut installation of conduits in Surface Lot A, and directional drilling of conduits in Surface Lots B and C.

| | |
|---|---|
| **TOTAL COST:** $ 37,434.00 | **CHANGE TO CONTRACT TIME (DAYS):** 0 |

**EVALUATION OF CHANGE IN CONTRACT AMOUNT AND TIME:**

IT IS AGREED THAT THE VALUE OF THE FIELD CHANGE ORDER SHALL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS:

- ☒ BY ESTIMATE AND ACCEPTANCE OF A LUMP SUM QUOTATION
- ☐ BY ESTIMATE AND ACCEPTANCE OF A NOT-TO-EXCEED QUOTATION
- ☐ BY UNIT PRICES SET OUT IN THE CONTRACT OR SUBSEQUENTLY AGREED UPON
- ☐ BY FORCE ACCOUNT USING ABOVE RATES FOR LABOR, MATERIALS, EQUIPMENT

**REFERENCE BULLETIN(S):**

**CONTRACTOR'S ACCEPTANCE:**

SIGNATURE & DATE: See Attached.

PRINTED NAME: _____

**INITIAL FUNDING CONFIRMATION:**

FUNDS ARE AVAILABLE WITHIN THE PROJECT TO COVER THIS COST: INITIALS: FA DATE: Oct 23, 2023

**APPROVAL TO PROCEED:**

SIGNATURE & DATE: Oct 24, 2023

GOAA CONSTRUCTION COMMITTEE CHAIR

**ELIGIBILITY:** Johanna Arriaga BPS00199 FCO 04 1... **CFOC REQUIRED:** No

**INTERNAL FUNDING REVIEW:**

SIGNATURE & DATE: Melvin Martinez Oct 25, 2023

GOAA FINANCE

GREATER ORLANDO AVIATION AUTHORITY

# FIELD CHANGE ORDER *[1 Original]**

| FIELD CHANGE ORDER (FCO) NO.: | 04 | FCO ISSUE DATE: | 10/19/23 |
|---|---|---|---|
| CONTRACT NO. & DESCRIPTION: | BP-S00199 Train Station PDL Parking Lots (D/B) | | |
| CONTRACTOR: | The Middlesex Corporation | | |
| A/E: | C&S Companies | | |

*THIS DOCUMENT WHEN BEARING THE SIGNATURE OF APPROVAL OF THE OWNER AUTHORIZES THE CONTRACTOR TO PROCEED IMMEDIATELY WITH THE UNDERMENTIONED CHANGES TO THE CONTRACT.*

*THE CONTRACTOR IS REQUESTED TO REVIEW THE DESCRIPTION OF CHANGE AND METHOD INTENDED TO ADJUST THE CONTRACT AMOUNT/TIME AND SIGN IN THE BOX MARKED CONTRACTOR'S ACCEPTANCE. UPON SIGNATURE, PLEASE RETURN TO OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY.*

## DESCRIPTION OF CHANGE:

Provide all labor, material, and equipment to install two (2) additional 4-inch conduits for the future EV charging stations at each of the three Surface Lots. Includes open cut installation of conduits in Surface Lot A, and directional drilling of conduits in Surface Lots B and C.

**COST NTE: $37,434.00**

## EVALUATION OF CHANGE IN CONTRACT AMOUNT AND TIME:

IT IS AGREED THAT THE VALUE OF THE FIELD CHANGE ORDER SHALL BE DETERMINED BY ONE OR MORE OF THE FOLLOWING METHODS:

- ☒ BY ESTIMATE AND ACCEPTANCE OF A LUMP SUM QUOTATION
- ☐ BY ESTIMATE AND ACCEPTANCE OF A NOT-TO-EXCEED QUOTATION
- ☐ BY UNIT PRICES SET OUT IN THE CONTRACT OR SUBSEQUENTLY AGREED UPON
- ☐ BY FORCE ACCOUNT USING ABOVE RATES FOR LABOR, MATERIALS, EQUIPMENT

- ☒ CONTRACT TIME IS UNCHANGED
- ☐ CONTRACT TIME CHANGED BY _____ CALENDAR DAYS

**FUNDING SOURCE:** Line of Credit to be Reimbursed by Authority Funds

**Reference Bulletin(s):** N/A

## CONTRACTOR'S ACCEPTANCE:

CONTRACTOR: _____ DATE: 10/23/23

WITNESS: _____ DATE: 10/23/23

## ACCEPTED AND APPROVAL TO PROCEED:

GOAA SR. VP CAPITAL PROGRAMS: _____ DATE: _____

GOAA CONSTRUCTION COMMITTEE CHAIR:

_____ DATE: _____

## FOR INTERNAL USE ONLY

| | | | |
|---|---|---|---|
| GOAA FINANCE: _____ | | | DATE: _____ |
| PREPARED BY: Jamie McGonagill | | | PHONE: X6565 |
| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: |

**Fully Executed Original to be provided to Project Controls for electronic distribution.*

**GREATER ORLANDO AVIATION AUTHORITY**
Orlando International Airport
11312 Terminal C Service Road
Orlando, Florida 32824

# FIELD CHANGE ORDER (FCO)
# EMERGENCY JUSTIFICATION

CONTRACT NO.: BP-S00199 CONTRACT NAME: Train Station PDL Parking Lots (D/B)

REFERENCE FIELD CHANGE ORDER NO.: 04

Specific Reason for Field Change Order / Emergency Justification:

The project has a short duration and an FCO is required to not delay the project completion and turnover of the parking lots for revenue service.

Causes:

Owner Request. Installation of EV conduits in preparation for future EV charging stations to minimize construction demolition when EV charging stations will be installed by others in the future.

Impacts of Change Order (Costs/Time):

The estimated cost for these services is not to exced $37,434.00
No time extension is anticipated for this work.

Record of Negotiations / Justifications for Abnormal Costs:

Receipt and acceptance of a Not to Exceed proposal.

Funding Source:

Line of Credit to be Reimbursed by Authority Funds

(Attach any additional documents as necessary.)

Prepared by: GCI / Jamie McGonagill / 10/19/23
Company / Name / Date

Jamie McGonagill
GOAA OAR -
GCI

August 1st, 2023

**Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – 4" Conduits for Future EV Charging Stations**

Dear Mr. McGonagill,

The Middlesex Corporation (TMC) hereby provides its lump sum cost proposal of **$37,434** to install two (2) additional 4"conduits for the future EV charging stations at each of the three Surface Lots 1. The scope of work includes open cut installation of the conduits in Surface Lot 1, and directional drilling of the conduits in Surface Lots 2 and 3.

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive7/13/
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

| THE MIDDLESEX CORPORATION<br>10801 Cosmonaut Blvd<br>Orlando, FL 32824<br>Ph: (407) 206-0077 Fax: (407) 206-3559 | Project Description<br>Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Statute S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere. | GOAA | TMC Project: | 2130 |
|---|---|---|---|---|
| DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - 4" Conduits for Future EV Chargers | | $37,434 | Contract: | BP-S-00199 |
| | | | Date: | 8/1/2023 |

**LABOR**

| | DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| | Survey - Crew | 1 | 10 | 191.90 | $ 1,919.00 |
| | Labor Subtotal | | | | $ 1,919.00 |
| | Markup: | | | 12.00% | $ 230.28 |
| | TOTAL LABOR COSTS: | | | | $ 2,149.28 |

**EQUIPMENT**

| DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|
| Equipment Subtotal | | | | $ - |
| Markup: | | | 12.00% | $ - |
| TOTAL EQUIPMENT COSTS: | | | | $ - |

**MATERIAL**

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| Material Subtotal | | | | $ - |
| Orange County Tax (Surcharge 6.5% up to 5,000) | | $ - | 6.50% | $ - |
| Sales Tax - Over $5,000 | | | | |
| Material Total | | | | $ - |
| Markup: | | | 8% | $ - |
| TOTAL MATERIAL COSTS: | | | | $ - |

**SUBCONTRACTOR / OUTSIDE SERVICE**

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| Design Services | | | | |
| Transportation Systems Inc. | 1.00 | LS | $ 32,671.00 | $ 32,671.00 |
| Subcontractor / Out Service Subtotal | | | | $ 32,671.00 |
| Markup: | | | 8.00% | $2,613.68 |
| TOTAL SUBCONTRACTOR / OUTSIDE SERVICE COSTS: | | | | $ 35,284.68 |

**Additional Notes / Description:**

| TOTAL AMOUNTS | |
|---|---|
| LABOR | $2,149.28 |
| EQUIPMENT | |
| MATERIALS | |
| SUBCONTRACTORS / OUTSIDE SERVICES | $35,284.68 |
| SUB-TOTAL | $37,433.96 |
| Bond | |
| **TOTAL** | **$37,433.96** |

TRANSPORTATION SYSTEMS INC.
575 Cooper Industrial Parkway
Apopka, FL 32703

July 25, 2023

RE: BPS-199 GOAA Brightline Passenger Drop Off Lobby Parking Lots (EV 2W4)

To Whom it May Concern,

The following price proposal includes the material, equipment, and labor to install (2) 2W4 directional bores and (1) open cut trench for the future EV charging station raceways. One will cross the Loop Rd. for Surface Lot 1 and the other, also the Loop Rd., for Surface Lot 3. Proposal includes open trenching to install the (1) 2W4 for Surface Lot 1.

**TOTAL: $32,671.00**

Thank you,

Tim Brownell

**GOAA South Terminal C Phase 1**
**BRIGHTLINE PASSENGER DROP OFF LOBBY PARKING LOT**
**Pricing Document**

| **Subcontractor Name & Address: Transportation Systems Inc.**<br>**575 Cooper Industrial Parkway Apopka, FL 32703** | | | **July 25, 2023**<br>**2W4 FOR FUTURE EV CHARGERS** | | |
|---|---|---|---|---|---|
| **Scope of Work** | **Unit of Measure** | **Qty** | **Unit Cost** | **Total Amount** | **Total Amount** |
| **Labor** | | | | | |
| FOREMAN | HR | 9.0 | $ 42.60 | $382.97 | |
| LABORER (UNSKILLED) | HR | 9.0 | $ 24.85 | $223.40 | |
| EQUIPMENT OPERATOR | HR | 9.0 | $ 39.76 | $357.44 | |
| LABORER (UNSKILLED) | HR | 9.0 | $ 24.85 | $223.40 | |
| LABORER (UNSKILLED) | HR | 9.0 | $ 24.85 | $223.40 | |
| | | | **Subtotal Labor** | **$1,410.62** | |
| **Company Owned Equipment ( Non Taxable )** | | | | | |
| TSI 3/4 TON PICKUP | DY | 1 | $201 | $201.00 | |
| TSI FLATBED TRUCK | DY | 2 | $268 | $536.00 | |
| | | | | | |
| | | | **Subtotal Company Owned Equipment** | **$737.00** | |
| **Outside Rental Equipment ( Taxable )** | | | | | |
| 24" PLATE COMPACTOR | DY | 1 | $180.00 | $180.00 | |
| SMALL TRACK HOE | DY | 2 | $200.00 | $400.00 | |
| AIR COMPRESSOR | DY | 2 | $75.00 | $150.00 | |
| JUMPING JACK COMPACTOR | DY | 1 | $150.00 | $150.00 | |
| | | | | $- | |
| | | | | $- | |
| | | | | $- | |
| | | | **Subtotal OSR Equipment** | **$880.00** | |
| **Tax Calculation #1 - 6.5% on the 1st $5000 of OSR Equipment** | | | | $57.20 | |
| **Tax Calculation #2 - 6% on the balance of OSR Equipment** | | | | $ - | |
| | | | **Total Outside Rental Equipment with Tax** | **$937.20** | |
| **Materials ( Taxable )** | | | | | |
| SEE ATTACHED BACKUP | LS | 1 | $9,716.83 | $9,716.83 | |
| | | | | $ - | |
| | | | **Subtotal Materials** | $9,716.83 | |
| **Tax Calculation #1 - 6.5% on the 1st $5000 of Material Cost** | | | | $325.00 | |
| **Tax Calculation #2 - 6% on the balance of Material Cost** | | | | $ 283.01 | |
| | | | **Total Materials with Tax** | **$10,324.84** | |
| **Subcontracts (including any DBE)** | **Indicate Category (M, L, D )** | | | | |
| HDD | N/A | | | $15,000.00 | |
| | | | | | |
| | | | | $ - | |
| **Total Subcontracts** | | | | **$15,000.00** | |
| **Subtotal of ALL Categories Above** | | | | | **$ 28,409.66** |
| **Mark-up on Material, Equipment, and Labor 15.00%** | | | | | $ 2,011.45 |
| **Mark-up on Subcontracts 15.00%** | | | | | $ 2,250.00 |
| **Total** | | | | | **$ 32,671.11** |

# TRANSPORTATION SYSTEMS INC.
## BID BREAKDOWN

Job Name: GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS
Project №: BPS 199
Bid Phase:

Bid Date: 7/25/23
Estimator:
Location:

| Bid Item Breakout | Unit | Quantity | Material Total | Labor Total |
|---|---|---|---|---|
| 2W4 DIRECTIONAL BORE FOR FUTURE EV CHARGERS | LF | 240 | $ 2,880.00 | - |
| 2W4 OPEN CUT | LF | 45 | $ 6,916.83 | 48.15 |
| | | | | |
| | | | $ - | - |
| | | | $ - | - |
| | | | $ - | -

# TRANSPORTATION SYSTEMS INC.
## SUMMARY OF UNIT PRICES

*Job:* GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS *Bid Date:* Tuesday, July 25, 2023

*Project №:* BPS 199 *Location:* 0

| Item | Description | Unit | Qty. | Unit Price | Total |
|---|---|---|---|---|---|
| 1 | 2W4 DIRECTIONAL BORE FOR FUTURE EV CHARGERS | LF | 240 | $ 74.50 | $ 17,880.00 |
| 2 | 2W4 OPEN CUT | LF | 45 | $ 328.69 | $ 14,791.00 |
| 3 | | | | | |
| 4 | 0 | 0 | 0 | $ - | $ - |
| 5 | 0 | 0 | 0 | $ - | $ - |
| 6 | 0 | 0 | 0 | $ - | $ - |
| 7 | 0 | 0 | 0 | $ - | $ - |
| 8 | 0 | 0 | 0 | $ - | $ - |
| 9 | 0 | 0 | 0 | $ - | $ - |
| 10 | 0 | 0 | 0 | $ - | $ - |
| 11 | 0 | 0 | 0 | $ - | $ - |
| 12 | 0 | 0 | 0 | $ - | $ - |
| 13 | 0 | 0 | 0 | $ - | $ - |
| 14 | 0 | 0 | 0 | $ - | $ - |
| 15 | 0 | 0 | 0 | $ - | $ - |
| 16 | 0 | 0 | 0 | $ - | $ - |
| 17 | 0 | 0 | 0 | $ - | $ - |
| 18 | 0 | 0 | 0 | $ - | $ - |
| 19 | 0 | 0 | 0 | $ - | $ - |
| 20 | 0 | 0 | 0 | $ - | $ - |
| 21 | 0 | 0 | 0 | $ - | $ - |
| 22 | 0 | 0 | 0 | $ - | $ - |
| 23 | 0 | 0 | 0 | $ - | $ - |
| 24 | 0 | 0 | 0 | $ - | $ - |
| 25 | 0 | 0 | 0 | $ - | $ - |
| 26 | 0 | 0 | 0 | $ - | $ - |
| 27 | | 0 | 0 | $ - | $ - |
| 28 | 0 | 0 | 0 | $ - | $ - |
| 29 | 0 | 0 | 0 | $ - | $ - |
| 30 | 0 | 0 | 0 | $ - | $ - |
| 31 | 0 | 0 | 0 | $ - | $ - |
| 32 | 0 | 0 | 0 | $ - | $ - |
| 33 | 0 | 0 | 0 | $ - | $ - |
| 34 | 0 | 0 | 0 | $ - | $ - |
| 35 | 0 | 0 | 0 | $ - | $ - |
| 36 | 0 | 0 | 0 | $ - | $ - |
| 37 | 0 | 0 | 0 | $ - | $ - |
| 38 | 0 | 0 | 0 | $ - | $ - |
| 39 | 0 | 0 | 0 | $ - | $ - |
| 40 | 0 | 0 | 0 | $ - | $ - |
| 41 | 0 | 0 | 0 | $ - | $ - |
| 42 | 0 | 0 | 0 | $ - | $ - |
| 43 | 0 | 0 | 0 | $ - | $ - |
| 44 | 0 | 0 | 0 | $ - | $ - |
| 45 | 0 | 0 | 0 | $ - | $ - |
| | **Total Sell Price For Electrical Work** | | | | **$ 32,671.00** |

# TRANSPORTATION SYSTEMS INC.

## EQUIPMENT / GENERAL EXPENSE

| DESCRIPTION | QTY | # OF | PER | HOURLY | DAILY | WEEKLY | MONTHLY | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CELL PHONE | | | | | $4.25 | $21.25 | $85.00 | $0.00 |
| TRAVEL EXPENSE | | | | $500.00 | $750.00 | $1,000.00 | $2,500.00 | $0.00 |
| STORAGE TRAILER | | | | | | | $200.00 | $0.00 |
| PORTABLE TOILET | | | | | | $12.50 | $50.00 | $0.00 |
| DRUG TEST | | | | | | | $50.00 | $0.00 |
| FIRST AID SUPPLIES | | | | | | | $75.00 | $0.00 |
| SAFETY EQUIPMENT | | | | | | | $75.00 | $0.00 |
| JOB SITE OFFICE TRAILER | | | | | | | $500.00 | $0.00 |
| JOB SITE OFFICE SUPPLIES | | | | | | | $50.00 | $0.00 |
| COPY MACHINE | | | | | | | $200.00 | $0.00 |
| SUNPASS | | | | | $3.75 | $18.75 | $75.00 | $0.00 |
| ELECTRICAL PERMIT FEE | | | | $250.00 | $500.00 | $1,000.00 | $5,000.00 | $0.00 |
| DUMPSTER | | | | | | | $175.00 | $0.00 |
| FUEL | | | | | $10.00 | $50.00 | $200.00 | $0.00 |
| CONTINGENCY | | | | $1.00 | $50.00 | $250.00 | $1,000.00 | $0.00 |
| CHOP SAW | | | | $5.63 | $45.00 | $180.00 | $450.00 | $0.00 |
| AIR COMPRESSOR | 1 | 2 | DY | $9.38 | $75.00 | $260.00 | $675.00 | $150.00 |
| JACK HAMMER | | | | $9.38 | $75.00 | $260.00 | $675.00 | $0.00 |
| GROUND ROD DRIVER 60LB TO 90LB | | | | $0.75 | $6.00 | $26.00 | $65.00 | $0.00 |
| AIR BREAKER | | | | $4.63 | $37.00 | $148.00 | $370.00 | $0.00 |
| GENERATOR 2500 WATT | | | | $3.75 | $30.00 | $75.00 | $300.00 | $0.00 |
| | | | | | | | | |
| ELECTRIC CONCRETE VIBRATOR; 2.5 HP | | | | $4.38 | $35.00 | $140.00 | $350.00 | $0.00 |
| JUMPING JACK COMPACTOR | 1 | 2 | DY | $9.38 | $75.00 | $300.00 | $750.00 | $150.00 |
| 20" PLATE COMPACTOR | | | | $5.63 | $45.00 | $162.00 | $360.00 | $0.00 |
| 24" PLATE COMPACTOR | 1 | 2 | DY | $11.25 | $90.00 | $225.00 | $675.00 | $180.00 |
| ROLLING COMPACTOR; WALK BEHIND | | | | $9.38 | $75.00 | $225.00 | $675.00 | $0.00 |
| | | | | | | | | $0.00 |
| BUCKET TRUCK | | | | $60.63 | $485.00 | $1,300.00 | $2,700.00 | $0.00 |
| FLATBED TRUCK | 1 | 2 | DY | $33.54 | $268.00 | $802.00 | $1,005.53 | $536.00 |
| CRANE | | | | $0.00 | $1,000.00 | $5,000.00 | $18,000.00 | $0.00 |
| PLATFORM TRUCK | | | | $65.00 | $100.00 | $200.00 | $800.00 | $0.00 |
| BOOM TRUCK; 15 TON; 60' REACH | | | | $41.63 | $333.00 | $1,080.00 | $3,250.00 | $0.00 |
| BOOM TRUCK; 20 TON | | | | $78.13 | $625.00 | $1,675.00 | $4,900.00 | $0.00 |
| PICKUP TRUCK 3/4 TON | 1 | 2 | DY | $25.22 | $201.00 | $605.00 | $792.92 | $201.00 |
| DUMP TRUCK; 6 CY BED | | | | $20.00 | $160.00 | $495.00 | $1,450.00 | $0.00 |
| ALTEC LINE TRUCK (BUCKET/AUGER) | | | | $15.00 | $120.00 | $450.00 | $1,570.00 | $0.00 |
| TRAILER | | | | $6.25 | $50.00 | | $500.00 | $0.00 |
| LARGE TRACK HOE | | | | $96.88 | $775.00 | $2,300.00 | $6,900.00 | $0.00 |
| MEDIUM TRACK HOE | | | | $58.75 | $470.00 | $1,400.00 | $4,000.00 | $0.00 |
| SMALL TRACK HOE | 1 | 2 | DY | $25.00 | $200.00 | $1,225.00 | $2,650.00 | $400.00 |
| DITCH WITCH; RIDE ON | | | | $23.13 | $185.00 | $550.00 | $1,500.00 | $0.00 |
| BACKHOE | | | | $22.50 | $180.00 | $430.00 | $1,350.00 | $0.00 |
| RIDE ON DITCH PLOW | | | | $0.00 | $0.00 | $2,612.50 | $9,500.00 | $0.00 |
| BOBCAT | | | | $18.13 | $145.00 | $550.00 | $1,500.00 | $0.00 |
| | | | | | | | | |
| TRENCH BOX; 6'W x 8'D x 8'L | | | | $15.63 | $125.00 | $300.00 | $900.00 | $0.00 |
| TRENCH BOX; 10'W x 10'D x 20'L | | | | $21.88 | $175.00 | $750.00 | $2,100.00 | $0.00 |
| MUD HOG PUMP | | | | $6.50 | $52.00 | $208.00 | $520.00 | $0.00 |
| REEL TRAILER | | | | $15.00 | $120.00 | $450.00 | $1,200.00 | $0.00 |
| MAGNETIC DRILL PRES | | | | $7.00 | $56.00 | $183.00 | $518.00 | $0.00 |
| CORE DRILL | | | | $7.50 | $60.00 | $240.00 | $1,100.00 | $0.00 |
| SCISSOR LIFT; 32' | | | | $16.25 | $130.00 | $245.00 | $590.00 | $0.00 |
| BOOM LIFT; 45' | | | | $25.63 | $205.00 | $400.00 | $1,040.00 | $0.00 |
| BOOM LIFT; 65' | | | | $30.63 | $245.00 | $490.00 | $1,450.00 | $0.00 |
| LIGHT TOWER | | | | $10.00 | $80.00 | $160.00 | $400.00 | $0.00 |
| | | | | | | | | $0.00 |
| | | | | | | | **TOTAL** | **$1,617.00** |

# TRANSPORTATION SYSTEMS INC.
## SUBCONTRACTORS

*Job Name:* GOAA BRIGHTLINE PASSENGER DROP OF
*Project ID:* BPS 199

*Bid Date:* 7/25/23
*Location:* 0

| *Sub Name/Activity of Work* | *Phase Which The Sub Applies To* | *Quoted Amount* |
|---|---|---|
| HDD (HORIZONTAL DIRECTIONAL DRILLING) | | $ 15,000.00 |
| (1) 2W4 for Lot B and (1) 2W4 for Lot C | | |
| | | |
| | | |
|

# TRANSPORTATION SYSTEMS INC.

*Job Name:* GOAA BRIGHTLINE PASSENGER DROP OFF LOTS
*Project ID:* BPS 199

*Bid Date:* 7/25/23

*Location:* 0

*Bid Item:* 2W 4 DIRECTIONAL BORES FOR THE FUTURE EV CHARGERS

| Description | Unit | Quantity | Material | Material Total | Labor Hour | Labor Total |
|---|---|---|---|---|---|---|
| 2W 4 HDPE BORE | LF | 480 | $ 6.00 | $ 2,880.00 | | |
| | | | | | | |
| | | | | | | |
| | | | |

# TRANSPORTATION SYSTEMS INC.

*Job Name:* GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS
*Project ID:* BPS 199

*Bid Date:* 7/25/23

*Location:* 0

*Bid Item:* 2W4 OPEN CUT

| Description | Unit | Quantity | Material | Material Total | Labor Hour | Labor Total |
|---|---|---|---|---|---|---|
| 30x48x36 QUAZITE BOX "ELECTRIC" LID | EA | 3 | $ 2,004.00 | $ 6,012.00 | 5.000 | 15.00 |
| 2W4 SCH 40 PVC | LF | 90 | $ 6.64 | $ 597.94 | 0.080 | 7.20 |
| | | | | $ - | 1.000 | - |
| PVC CEMENT | EA | 1 | $ 9.540 | $ 9.54 | 1.000 | 1.00 |
| METAL DETECTABLE ELECTRIC WARNING TAPE | EA | 1 | $ 29.05 | $ 29.05 | 1.000 | 1.00 |
| JET LINE 210 LB | EA | 1 | $ 35.96 | $ 35.96 | 3.000 | 3.00 |
| .33 CY BAG OF 3/4" STONE FOR SETTING PULL BOXES | EA | 3 | $ 63.98 | $ 191.94 | 1.000 | 3.00 |
| 4" PVC END CAPS | EA | 12 | $ 3.37 | $ 40.40 | 0.150 | 1.80 |
| | | | | $ - | | - |
| | | | | $ - | | - |
| | | | | $ - | | - |
| **EXCAVATION** | | | | $ - | | - |
| 24" W X 36" D X 45' L | LF | 45 | | $ - | 0.178 | 8.00 |
| BACKFILL AND COMPACT | LF | 45 | | $ - | 0.178 | 8.00 |
| SPOILS | CY/LOT | 1 | | $ - | 0.150 | 0.15 |
| | | | | $ - | | - |
| | | | | $ - | | - |
| | | | | $ - | | -

# Price Proposal

HDD OF FLORIDA LLC
P.O.BOX 2125
WINTER PARK FL 32790

**Date:** July 17, 2023

**To:** TSI
575 Cooper Industrial Park
Apopka, FL 32703

| PROJECT NO. | JOB NAME/LOCATION | PAYMENT TERMS |
|---|---|---|
| | GOAA BPS 199 EV CHARGERS | NET 30 |

| QTY | ITEM # | DESCRIPTION | UNIT PRICE | LINE TOTAL |
|---|---|---|---|---|
| 1 | | 2W4" HDPE DIRECTIONAL BORE @ 160 LF | $ 10,000.00 | $ 10,000.00 |
| 1 | | 2W4" HDPE DIRECTIONAL BORE @ 80 LF | $ 5,000.00 | $ 5,000.00 |
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| | | | | |
| | | | Total | $ 15,000.00 |

Make all checks payable to: HDD OF FLORIDA LLC
(P) 352-348-4046 / (F) 352-394-3110
HDDOFFLORIDA@GMAIL.COM

**TRANSPORTATION SYSTEMS INC.**
**575 COOPER INDUSTRIAL PARKWAY**
**APOPKA, FL 32703**

# TSI EQUIPMENT RATES 2023

| | | | A | B | (A + B) |
|---|---|---|---|---|---|
| **Description** | **Monthly Total Cost** | **Monthly Total Cost At 50%** | **Monthly Total Cost At 50% Divided By 176** | **Estimated Operating Cost Per HR** | **Total Hourly Rate** |
| 1/2 Ton Pickup Truck | $ 689.50 | $ 344.75 | $ 1.96 | $ 15.73 | $ 17.69 |
| 3/4 Ton Truck | $ 792.92 | $ 396.46 | $ 2.25 | $ 22.97 | $ 25.22 |
| Flatbed Truck | $ 1,005.53 | $ 502.77 | $ 2.86 | $ 30.68 | $ 33.54 |
| Bucket Truck | $ 2,250.00 | $ 1,125.00 | $ 6.39 | $ 26.11 | $ 32.50 |
| Boom Truck (15 Ton/ 60' Reach) | $ 2,500.00 | $ 1,250.00 | $ 7.10 | $ 19.90 | $ 27.00 |
| Scissor Lift - 40ft | $ 5,206.05 | $ 2,603.03 | $ 14.79 | $ 18.74 | $ 33.53 |
| RT Forklift 8000# | $ 11,990.04 | $ 5,995.02 | $ 34.06 | $ 55.89 | $ 31.97 |
| Rubber-Tire Backhoe - 420E | $ 6,208.83 | $ 3,104.42 | $ 17.64 | $ 38.57 | $ 56.21 |
| Ditch Witch (Ride On) 36" Depth | $ 1,500.00 | $ 750.00 | $ 4.26 | $ 9.49 | $ 13.75 |
| Mini Excavator (Bobcat) | $ 8,504.02 | $ 4,252.01 | $ 24.16 | $ 37.33 | $ 61.49 |
| Rubber-Tire Backhoe - 420E | $ 3,399.82 | $ 1,699.91 | $ 9.66 | $ 23.60 | $ 33.26 |
| Pump - 3" - 4" Trash | $ 324.06 | $ 162.03 | $ 0.92 | $ 5.76 | $ 6.68 |
| Pump - 6" - 8" Trash | $ 4,207.87 | $ 2,103.94 | $ 11.95 | $ 37.37 | $ 49.32 |
| Generator (2500 Watt) | $ 500.00 | $ 250.00 | $ 1.42 | $ 0.45 | $ 1.88 |

**TRANSPORTATION SYSTEMS INC.**

**575 Cooper Industrial Parkway**
**Apopka, FL 32703**

| Craft | Total Rate w/Burden | Labor Burden | Labor Burden % | Base Rate | Overtime Rate = Base Rate x 1.5 | Total O.T. Rate w/30% Labor Burden | Blended Hourly Rate |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| SUPERVISOR | $ 49.70 | $ 14.70 | 0.42 | $ 35.00 | $ 52.50 | $ 68.25 | $ 55.88 |
| FOREMAN | $ 42.60 | $ 12.60 | 0.42 | $ 30.00 | $ 45.00 | $ 58.50 | $ 47.90 |
| ITS TECHNICIAN | $ 39.05 | $ 11.55 | 0.42 | $ 27.50 | $ 41.25 | $ 53.63 | $ 43.91 |
| FOC INSTALLER (SKILLED) | $ 35.50 | $ 10.50 | 0.42 | $ 25.00 | $ 37.50 | $ 48.75 | $ 39.92 |
| FOC INSTALLER (UNSKILLED) | $ 31.24 | $ 9.24 | 0.42 | $ 22.00 | $ 33.00 | $ 42.90 | $ 35.13 |
| LABORER (SKILLED) | $ 31.24 | $ 9.24 | 0.42 | $ 22.00 | $ 33.00 | $ 42.90 | $ 35.13 |
| LABORER (UNSKILLED) | $ 24.85 | $ 7.35 | 0.42 | $ 17.50 | $ 26.25 | $ 34.13 | $ 27.94 |
| ELECTRICIAN | $ 42.60 | $ 12.60 | 0.42 | $ 30.00 | $ 45.00 | $ 58.50 | $ 47.90 |
| AUGER OPERATOR | $ 39.05 | $ 11.55 | 0.42 | $ 27.50 | $ 41.25 | $ 53.63 | $ 43.91 |
| BACKHOE OPERATOR | $ 28.40 | $ 8.40 | 0.42 | $ 20.00 | $ 30.00 | $ 39.00 | $ 31.93 |
| BOOM OPERATOR | $ 35.50 | $ 10.50 | 0.42 | $ 25.00 | $ 37.50 | $ 48.75 | $ 39.92 |
| CRANE OPERATOR | $ 36.92 | $ 10.92 | 0.42 | $ 26.00 | $ 39.00 | $ 50.70 | $ 41.51 |
| EQUIPMENT OPERATOR | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| PLOW OPERATOR | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| DIRECTIONAL BORE OPERATOR | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| TRENCH OPERATOR (SKILLED) | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| TRENCH CONDUIT LABORER (UNSKILLED) | $ 26.63 | $ 7.88 | 0.42 | $ 18.75 | $ 28.13 | $ 36.56 | $ 29.94 |
| CONCRETE FINISHER | $ 26.63 | $ 7.88 | 0.42 | $ 18.75 | $ 28.13 | $ 36.56 | $ 29.94 |
| TRAFFIC SIGNAL INSTALLER (SKILLED) | $ 38.34 | $ 11.34 | 0.42 | $ 27.00 | $ 40.50 | $ 52.65 | $ 43.11 |
| TRAFFIC SIGNAL INSTALLER (UNSKILLED) | $ 25.56 | $ 7.56 | 0.42 | $ 18.00 | $ 27.00 | $ 35.10 | $ 28.74 |
| MECHANIC | $ 35.50 | $ 10.50 | 0.42 | $ 25.00 | $ 37.50 | $ 48.75 | $ 39.92 |
| ADMINISTRATIVE ASSISTANT | $ 32.66 | $ 9.66 | 0.42 | $ 23.00 | $ 34.50 | $ 44.85 | $ 36.72 |

WORLD electric
A Sonepar Company

WORLD ELECTRIC SUPPLY, INC.
500 E DONEGAN AVENUE
KISSIMMEE,FL 34744-1928
407-343-7800 *Fax* 407-343-0047

James.Lacey@worldelectricsupply.com

# Quotation

| QUOTE DATE | QUOTE NUMBER |
|---|---|
| 06/27/23 | S052293659 |
| PAGE NO. | |
| 1 of 2 | |

QUOTE TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

SHIP TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

| CUSTOMER NUMBER | CUSTOMER ORDER NUMBER | JOB NAME | QUOTED TO |
|---|---|---|---|
| 370562 | POTENTIAL CHANGE ORDER | | TIM |

| SALESPERSON | SHIP VIA | FREIGHT ALLOWED | EXPIRATION DATE |
|---|---|---|---|
| JAMES LACEY | PK PICK UP | No | 11:59pm ET 07/12/23 |

| ORDER QTY | UPC | DESCRIPTION | UNIT PRICE | U | EXT PRICE |
|---|---|---|---|---|---|
| 12ea | 980060S4049 | PVCFIT 400P CPL 4IN PVC LONGLINE COUPLING | 930.000 | c | 111.60 |
| 6ea | 98002000170 | GEL 400G90 4IN 90D GAL ELB 4 IN 90DEG GALV ELBOW | 134.284 | e | 805.70 |
| 12ea | 98006006250 | PVCFIT 400P FA 4 IN PVC COND FEMALE ADAPTER | 336.658 | c | 40.40 |
| 1ea | 98006006971 | PVC GLQTS-1 1 QT-CEMENT-W/BRUSH TOP | 9.540 | e | 9.54 |
| 1ea | 01581231107 | EMP 31-107 3IN X 1000FT MAGNATEC RED PREMIUM DETECTABLE TAPE | 29.050 | e | 29.05 |
| 1ea | 78325031340 | IDEAL 31-340 6500FT 210LB PULL LINE | 35.964 | e | 35.96 |
| 320ft | 98006006010 | PVC 400P 4IN SCH40 PVC PIPE 4IN SCH40 PVC PIPE | 664.373 | c | 2125.99 |
| 6300ft | 98006006004 | PVC 114P 1-1/4IN SCH40 PVC PIPE 1-1/4" SCH40 PVC PIPE | 174.049 | c | 10965.09 |
| 80ea | 98002000164 | GEL 114G90 1-1/4 90D GAL ELB 1-1/4 90DEG GALV ELBOW | 16.309 | e | 1304.72 |
| 160ea | 98006006244 | PVCFIT 114P FA 1-1/4 PVC COND FEMALE ADAPTER | 62.605 | c | 100.17 |
| 1ea | 71000827928 | MVB' BI-GAL 1 GALLON BITUMASTIC | 74.258 | e | 74.26 |

*** Continued on Next Page ***

WORLD electric
A Sonepar Company

**WORLD ELECTRIC SUPPLY, INC.**
**500 E DONEGAN AVENUE**
**KISSIMMEE,FL 34744-1928**
**407-343-7800 *Fax* 407-343-0047**

**James.Lacey@worldelectricsupply.com**

# Quotation

| QUOTE DATE | QUOTE NUMBER |
|---|---|
| 06/27/23 | S052293659 |
| PAGE NO. | |
| 2 of 2 | |

QUOTE TO:
TRANSPORTATION SYSTEMS INC.
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TRANSPORTATION SYSTEMS INC.
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| CUSTOMER NUMBER | CUSTOMER ORDER NUMBER | JOB NAME | QUOTED TO |
|---|---|---|---|
| 370562 | POTENTIAL CHANGE ORDER | | TIM |

| SALESPERSON | SHIP VIA | FREIGHT ALLOWED | EXPIRATION DATE |
|---|---|---|---|
| JAMES LACEY | PK PICK UP | No | 11:59pm ET 07/12/23 |

| ORDER QTY | UPC | DESCRIPTION | UNIT PRICE | U | EXT PRICE |
|---|---|---|---|---|---|
| 3ea | 98006006971 | PVC GLQTS-1 1 QT-CEMENT-W/BRUSH TOP | 9.540 | e | 28.62 |
| 6ea | 01581231107 | EMP 31-107 3IN X 1000FT MAGNATEC RED PREMIUM DETECTABLE TAPE | 29.050 | e | 174.30 |

**TERMS & CONDITIONS**
OUR PRODUCTS AND SERVICES ARE SUBJECT TO, AND GOVERNED EXCLUSIVELY BY, OUR TERMS AND CONDITIONS OF SALE, WHICH ARE INCORPORATED HEREIN AND AVAILABLE AT www.worldelectricsupply.com/terms. ADDITIONAL OR CONFLICTING TERMS ARE REJECTED, VOID, AND OF NO FORCE OR EFFECT. WIRE & PIPE PRICES ARE ONLY GOOD FOR THE CURRENT DAY.

| | |
|---|---|
| **Subtotal** | **15805.40** |
| **S&H CHGS** | **0.00** |
| **Sales Tax** | **1023.32** |
| **Amount Due** | **16828.72** |

# Quotation

**Quote #:** Q-244814-3
**Delivery Date:** 6/9/2023
**Date:** 6/8/2023
**Expires On:** 7/8/2023
**PO Number:**

**General Rental**
**Orlando Branch**
8151 N Orange Blossom Trl,
ORLANDO, FL 34523
Phone: (407) 273-7383
Email:

**Ship To**
Tim Brownell
BPS 199 Terminal C Parking Lots
11400 Terminal C Service Rd
Orlando, FL 32835
Office:(407) 525-9940
Mobile:(321) 410-9248
tbrownell@tsi-fl.com

**Bill To**
TRANSPORTATION SYSTEMS INC
575 Cooper Industrial Parkway
Apopka, FL 32703

| SALESPERSON | PHONE | EMAIL | DELIVERY METHOD | TERMS |
|---|---|---|---|---|
| Wes Moon | (407) 698-6178 | wmoon@synergyequip.com | Site Delivery | Net 30 |

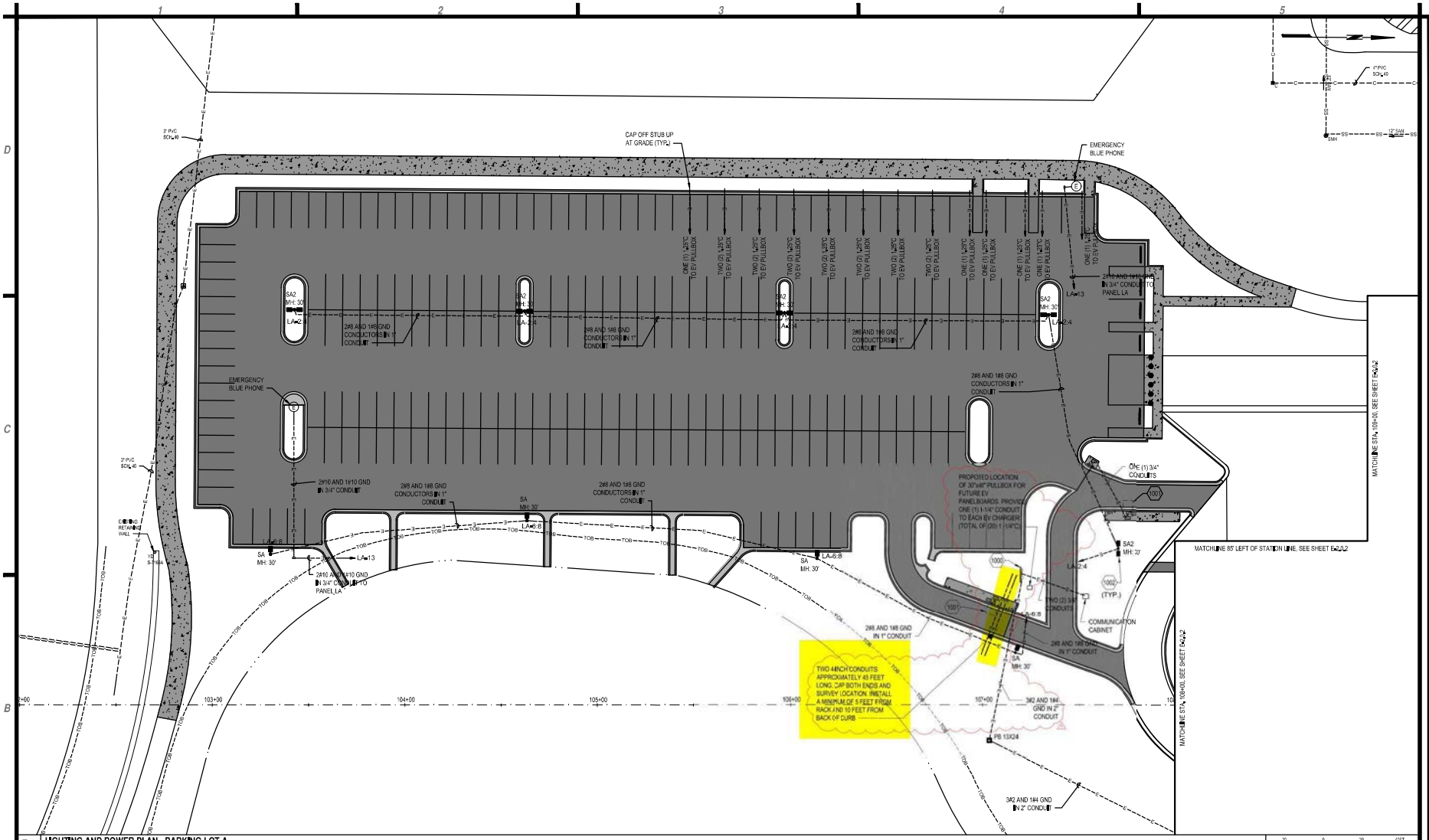
## Equipment Listing / Rental and Delivery Costs

| Cat-Class | Product | Day | Week | 4 Week |
|---|---|---|---|---|
| 320-1240 | COMPACT EXCAVATOR-3.5T-9-12' DEPTH (BC E 32, Takeuchi TB235 Doosan S035, CAT 303.5) | $360 | $1,225 | $2,650 |
| | | $360 | $1,225 | $2,650 |

**Total Rental with Applicable Charges**

| | Day | Week | 4 Week |
|---|---|---|---|
| Rental | $360.00 | $897.00 | $2,650.00 |
| Environmental Fee (3%) | | | $79.50 |
| Tax (Orange 6.5%) | | | $172.25 |
| Loss Damage Waiver (15%) | | | $397.50 |
| Total Freight | | | $300.00 |
| **TOTAL** | | | **$3,599.25** |

All Rates are based on a 8 Hour Day, 40 Hour Week & 160 Hour Month unless previously agreed upon in writing.
Quote valid for 30 Days & subject to availability. We look forward to earning your business!
Equipment Rental. Redefined.




## B1 LIGHTING AND POWER PLAN - PARKING LOT A

SCALE: 1" = 20'

1. INSTALLATION SHALL CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING CODE (7TH EDITION), AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
2. THESE PLANS ARE DIAGRAMMATIC AND ARE INTEND TO CLARIFY THE SCOPE OF WORK. PROVIDE ALL NECESSARY EQUIPMENT, ACCESSORIES, FITTINGS, TRANSITIONS, ETC. FOR A COMPLETE AND OPERATIONAL INSTALLATION AS PER THESE PLANS AND ANY SPECIFICATIONS.
3. COORDINATE ANY AND ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION IN ORDER TO AVOID CONFLICTS DURING CONSTRUCTION.
4. ALL DISCONNECTS SHALL HAVE A GROUND BAR. ALL DISCONNECTS SHALL BE CLEARLY LABELED WITH THE NAME AND LOCATION OF THE EQUIPMENT THAT THEY SERVE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED SUCH THAT THERE IS SUFFICIENT CLEAR SPACE FOR MAINTENANCE. PROVIDE MINIMUM NEC WORKING CLEARANCE IN FRONT OF ALL PANELBOARDS, SWITCHES, ETC PER NEC CODE 110.26.
6. ALL ELECTRICAL PANELS, DISCONNECTS AND TERMINAL CABINETS SHALL BE IDENTIFIED WITH A PERMANENTLY AFFIXED NAME PLATE INDICATING VOLTAGE, AMPERES, MANUFACTURER, MODEL NUMBER AND THE NAME AND THE LOCATION OF THE EQUIPMENT THAT THEY SERVE.
7. UNDERGROUND CONDUIT SHALL BE PVC SCH. 40 OR HDPE, UON. UNDERGROUND CONDUIT SHALL TRANSITION TO RGS CONDUIT WITH RGS TO PVC FITTINGS. CONDUIT SHALL BE RGS ABOVE GRADE THROUGH AND INCLUDING THE FIRST 90° FITTING UNDERGROUND, UON. APPLY 'X-COAT' (TUMASTIC) COATING TO DIRECT BURIED PORTION OF RGS CONDUIT, UP TO AND INCLUDING 6" ABOVE FINAL GRADE.
8. UNDERGROUND CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE, UON.
9. ALL RACEWAYS SHALL BE RUN IN NEAT AND WORKMANLIKE MANNER AND SHALL BE PROPERLY SUPPORTED.
10. ALL RACEWAY SYSTEMS SHALL HAVE A MAXIMUM OF (4) 90-DEGREE BENDS BETWEEN PULL BOXES.
11. PROVIDE A PULL STRING IN ALL EMPTY CONDUIT RUNS.
12. FLEXIBLE CONDUIT CONNECTIONS TO EQUIPMENT SHALL BE LIMITED TO 6'-0" IN LENGTH OR TO BE SUPPORTED PER NEC.
13. JUNCTION AND PULL BOXES SHALL BE SIZED WITH AT LEAST 50% MORE CAPACITY ABOVE AND BEYOND THE MINIMUM REQUIRED BY THE NEC.
14. PROVIDE WATERTIGHT CONDUIT HUB FITTINGS FOR ALL CONDUITS ENTERING/EXITING ENCLOSURE TO MAINTAIN NEMA RATING AS SPECIFIED FOR ENCLOSURE.
15. CONSTRUCTION DOCUMENTS REPRESENT THE CONSULTANT'S DESIGN INTENT. IT IS NOT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO IDENTIFY EACH AND EVERY DETAIL OF THE ELECTRICAL CONSTRUCTION. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM.
16. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION OF DEVICES. THE ELECTRICAL CONTRACTOR SHALL MAKE ADJUSTMENTS IN FIELD TO MATCH ACTUAL EQUIPMENT BEING INSTALLED. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
17. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS. ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
18. THE PLANS REFLECT SYSTEM VOLTAGES DROP AS PER 2020 FBC ENERGY CONSERVATION FBC-EC C405.5.3 - SEVENTH EDITION. THE CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5 PERCENT VOLTAGE DROP TOTAL AT DESIGN LOAD.
19. ELECTRICAL CONDUIT ROUTING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PRIOR INSTALLATION TO AVOID CLASHES.

## A1 GENERAL NOTES

SCALE: NOT TO SCALE

## A4 KEYED NOTES

SCALE: NOT TO SCALE

1000. PROPOSED LOCATION OF ELECTRICAL EQUIPMENT AND MOUNTING RACK. REFER TO SHEET E-0.0.1 FOR ONE-LINE DIAGRAM, REFER TO SHEET E-0.0.1 FOR ELECTRICAL RACK DETAILS.
1001. GATE CANOPY. REFER TO DETAIL ON SHEET E-2.0.2.
1002. POLE LIGHT. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-0.0.1 FOR INFORMATION. REFER TO POLE DETAIL ON SHEET E-2.0.1.

GREATER ORLANDO AVIATION AUTHORITY

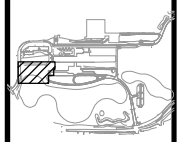
**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

ORLANDO INTERNATIONAL AIRPORT

C&S Engineers, Inc.
605 E. Robinson Street, Suite 210
Orlando, Florida 32801
Phone: 407-423-1118
Fax: 407-841-9149
www.cscos.com

Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | EV CHARGER UPDATE |



Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | D.R. SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

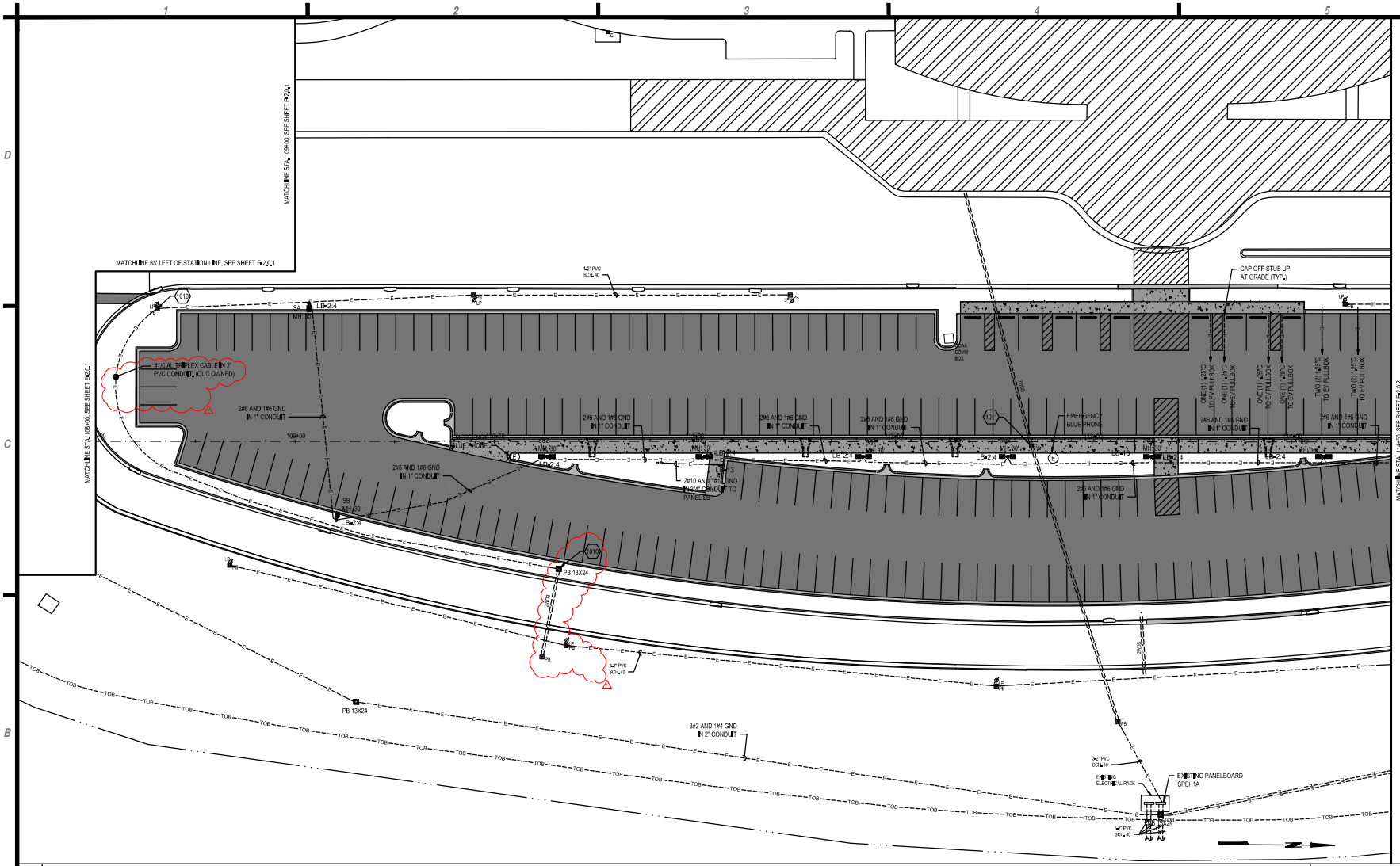
Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT A**

Drawing No.:

E-2.0.1

Date: JUN 20, 2023 ■ Time: 2:36 pm ■ Plotted By: asosa
Drawing File: P:\Projects\3##\4-ISO\4A\L\94502700\1■BP-S00199 Parking Lot\Design\CAD\SI\Sheet Files\BP-S00199_A01 SEE SHEET.dwg




## B1 LIGHTING AND POWER PLAN - PARKING LOT B

SCALE: 1" = 20'

## A1 GENERAL NOTES

SCALE: NOT TO SCALE

1. INSTALLATION SHALL CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING CODE (7TH EDITION), AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
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3. COORDINATE ANY AND ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION IN ORDER TO AVOID CONFLICTS DURING CONSTRUCTION.
4. ALL DISCONNECTS SHALL HAVE A GROUND BAR. ALL DISCONNECTS SHALL BE CLEARLY LABELED WITH THE NAME AND LOCATION OF THE EQUIPMENT THAT THEY SERVE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED SUCH THAT THERE IS SUFFICIENT CLEAR SPACE FOR MAINTENANCE, PROVIDE MINIMUM NEC WORKING CLEARANCE IN FRONT OF ALL PANELBOARDS, SWITCHES, ETC PER NEC CODE 110.26.
6. ALL ELECTRICAL PANELS, DISCONNECTS AND TERMINAL CABINETS SHALL BE IDENTIFIED WITH A PERMANENTLY AFFIXED NAME PLATE INDICATING VOLTAGE, AMPERES, MANUFACTURER, MODEL NUMBER AND THE NAME AND THE LOCATION OF THE EQUIPMENT THAT THEY SERVE.
7. UNDERGROUND CONDUIT SHALL BE PVC SCH. 40 OR HDPE. UON, UNDERGROUND CONDUIT SHALL TRANSITION TO RGS CONDUIT WITH RGS TO PVC FITTINGS. CONDUIT SHALL BE RGS ABOVE GRADE THROUGH AND INCLUDING THE FIRST 90° FITTING UNDERGROUND, UON. APPLY 3-COAT BITUMASTIC COATING TO EXPOSED BURIED PORTION OF RGS CONDUIT, UP TO AND INCLUDING 6" ABOVE FINAL GRADE.
8. UNDERGROUND CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE, UON.
9. ALL RACEWAYS SHALL BE RUN IN NEAT AND WORKMAN-LIKE MANNER AND SHALL BE PROPERLY SUPPORTED.
10. ALL RACEWAY SYSTEMS SHALL HAVE A MAXIMUM OF (4) 90-DEGREE BENDS BETWEEN PULL BOXES.
11. PROVIDE A PULL STRING IN ALL EMPTY CONDUIT RUNS.
12. FLEXIBLE CONDUIT CONNECTIONS TO EQUIPMENT SHALL BE LIMITED TO 6'-0" IN LENGTH OR TO BE SUPPORTED PER NEC.
13. JUNCTION AND PULL BOXES SHALL BE SIZED WITH AT LEAST 50% MORE CAPACITY ABOVE AND BEYOND THE MINIMUM REQUIRED BY THE NEC.
14. PROVIDE WATERTIGHT CONDUIT HUB FITTINGS FOR ALL CONDUITS ENTERING/EXITING ENCLOSURE TO MAINTAIN NEMA RATING AS SPECIFIED FOR ENCLOSURE.
15. CONSTRUCTION DOCUMENTS REPRESENT THE CONSULTANT' S DESIGN INTENT, IT IS NOT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO IDENTIFY EACH AND EVERY DETAIL OF THE ELECTRICAL CONSTRUCTION. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM.
16. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION OF DEVICES. THE ELECTRICAL CONTRACTOR SHALL MAKE ADJUSTMENTS IN FIELD TO MATCH ACTUAL EQUIPMENT BEING INSTALLED. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
17. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS. ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
18. THE PLANS REFLECT SYSTEM VOLTAGES DROP AS PER 2020 FBC ENERGY CONSERVATION FBC-EC C405.5.3 - SEVENTH EDITION, THE CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5 PERCENT VOLTAGE DROP TOTAL AT DESIGN LOAD.
19. ELECTRICAL CONDUIT ROUTING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PRIOR INSTALLATION TO AVOID CLASHES.

## A4 KEYED NOTES

SCALE: NOT TO SCALE

1010. CONNECT PROPOSED CONDUIT AND CIRCUIT TO EXISTING PULL BOX
1011. ADJUST EXISTING PULL BOX TO GRADE

GREATER ORLANDO AVIATION AUTHORITY

**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

ORLANDO INTERNATIONAL AIRPORT

C&S Engineers, Inc.
605 E. Robinson Street, Suite 210
Orlando, Florida 32801
Phone: 407-426-1118
Fax: 407-841-9149
www.cscos.com

Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | OUC CHANGE |

Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | CLR, SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

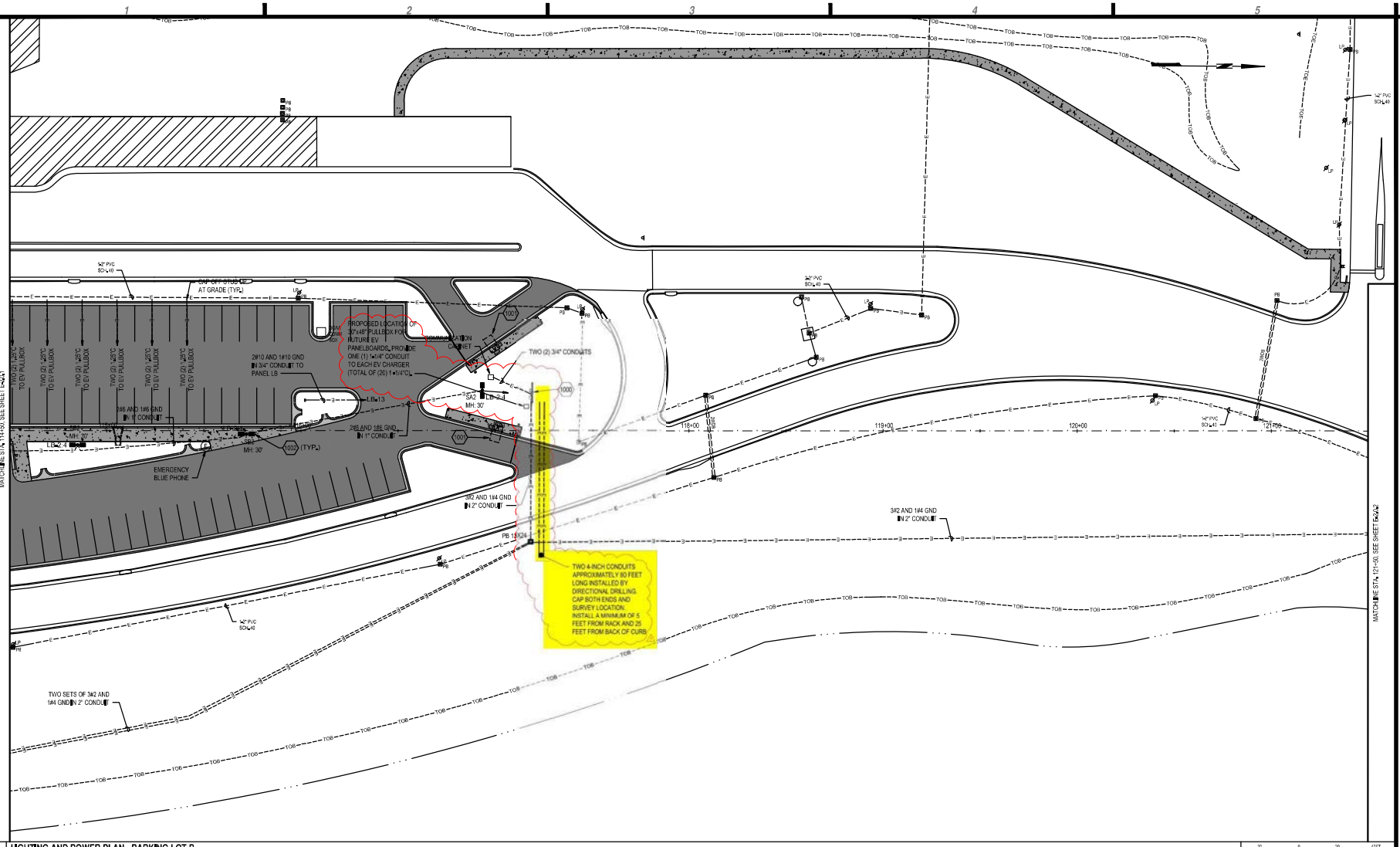
Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT B**

Drawing No.:

E-2.0.2

Date: JUN 20, 2023 ■ Time: 2:06 pm ■ Plotted By: asosa
Drawing File: P:\Projects\34 ■ GOAA\34#027001 ■ BP#S00199 Parking Lot\Design\CAD\SP\Sheet Files\BPS00199_ALT SEQ SHEETS.dwg




## B1 LIGHTING AND POWER PLAN - PARKING LOT B

SCALE: 1" = 20'

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SCALE: NOT TO SCALE

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1001. GATE CANOPY. REFER TO DETAIL ON SHEET E-2.0.2.
1002. POLE LIGHT. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-0.0.1 FOR INFORMATION. REFER TO POLE DETAIL ON SHEET E-2.0.1.

## A4 KEYED NOTES

SCALE: NOT TO SCALE

GREATER ORLANDO AVIATION AUTHORITY

**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

ORLANDO INTERNATIONAL AIRPORT


C&S Engineers, Inc.
605 E. Robinson Street, Suite 210
Orlando, Florida 32801
Phone: 407-426-1118
Fax: 407-841-9149
www.cscos.com


Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | EV CHARGER UPDATE |

Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | D.R. SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

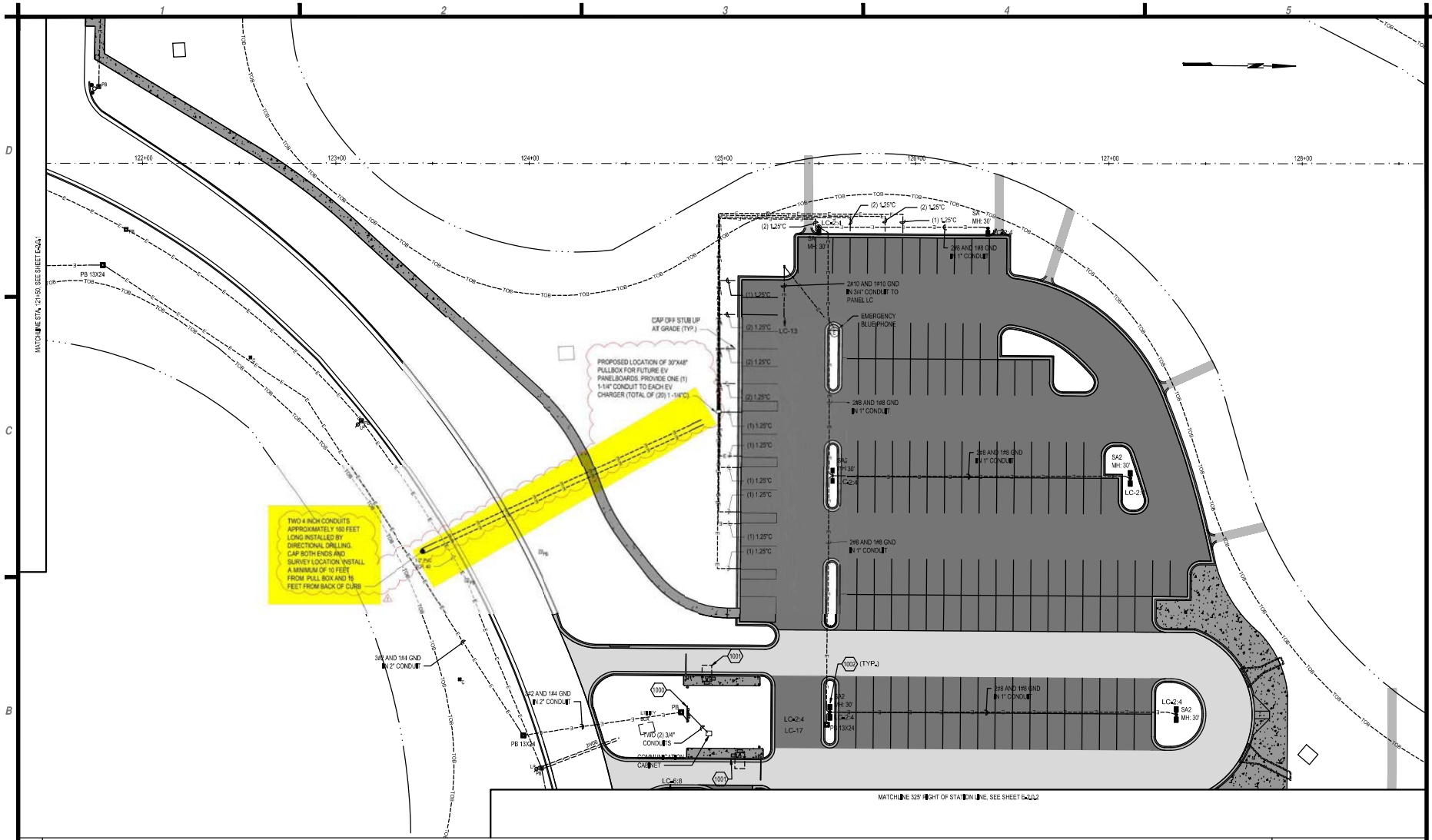
Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT B**

Drawing No.:

E-2.0.3


Date: JUN 20, 2023 • Time: 3:00 pm • Plotted By: jacosa
Drawing File: P:\Projects\34 • GOAA\34-BP-S00199 Train Parking Lot\Design\CAD\SP\Sheet Files\BP-S00199_ALT SET E-2.0.3.dwg




## B1 LIGHTING AND POWER PLAN - PARKING LOT C2

SCALE: 1" = 20'

1. INSTALLATION SHALL CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING CODE (7TH EDITION), AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
2. THESE PLANS ARE DIAGRAMMATIC AND ARE INTEND TO CLARIFY THE SCOPE OF WORK. PROVIDE ALL NECESSARY EQUIPMENT, ACCESSORIES, FITTINGS, TRANSITIONS, ETC., FOR A COMPLETE AND OPERATIONAL INSTALLATION AS PER THESE PLANS AND ANY SPECIFICATIONS.
3. COORDINATE ANY AND ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION IN ORDER TO AVOID CONFLICTS DURING CONSTRUCTION.
4. ALL DISCONNECTS SHALL HAVE A GROUND BAR. ALL DISCONNECTS SHALL BE CLEARLY LABELED WITH THE NAME AND LOCATION OF THE EQUIPMENT THAT THEY SERVE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED SUCH THAT THERE IS SUFFICIENT CLEAR SPACE FOR MAINTENANCE. PROVIDE MINIMUM NEC WORKING CLEARANCE IN FRONT OF ALL PANELBOARDS, SWITCHES, ETC PER NEC CODE 110.26.
6. ALL ELECTRICAL PANELS, DISCONNECTS AND TERMINAL CABINETS SHALL BE IDENTIFIED WITH A PERMANENTLY AFFIXED NAME PLATE INDICATING VOLTAGE, AMPERES, MANUFACTURER, MODEL NUMBER AND THE NAME AND THE LOCATION OF THE EQUIPMENT THAT THEY SERVE.
7. UNDERGROUND CONDUIT SHALL BE PVC SCH. 40 OR HDPE. UON, UNDERGROUND CONDUIT SHALL TRANSITION TO RGS CONDUIT WITH RGS TO PVC FITTINGS. CONDUIT SHALL BE RGS ABOVE GRADE THROUGH AND INCLUDING THE FIRST 90° FITTING UNDERGROUND, UON. APPLY 3-COAT BITUMASTIC COATING TO DIRECT BURIED PORTION OF RGS CONDUIT, UP TO AND INCLUDING 6" ABOVE FINAL GRADE.
8. UNDERGROUND CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE. UON.
9. ALL RACEWAYS SHALL BE RUN IN NEAT AND WORKMAN-LIKE MANNER AND SHALL BE PROPERLY SUPPORTED.
10. ALL RACEWAY SYSTEMS SHALL HAVE A MAXIMUM OF (4) 90-DEGREE BENDS BETWEEN PULL BOXES.
11. PROVIDE A PULL STRING IN ALL EMPTY CONDUIT RUNS.
12. FLEXIBLE CONDUIT CONNECTIONS TO EQUIPMENT SHALL BE LIMITED TO 6'-0" IN LENGTH OR TO BE SUPPORTED PER NEC.
13. JUNCTION AND PULL BOXES SHALL BE SIZED WITH AT LEAST 50% MORE CAPACITY ABOVE AND BEYOND THE MINIMUM REQUIRED BY THE NEC.
14. PROVIDE WATERTIGHT CONDUIT HUB FITTINGS FOR ALL CONDUITS ENTERING/EXITING ENCLOSURE TO MAINTAIN NEMA RATING AS SPECIFIED FOR ENCLOSURE.
15. CONSTRUCTION DOCUMENTS REPRESENT THE CONSULTANT'S DESIGN INTENT. IT IS NOT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO IDENTIFY EACH AND EVERY DETAIL OF THE ELECTRICAL CONSTRUCTION. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM.
16. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION OF DEVICES. THE ELECTRICAL CONTRACTOR SHALL MAKE ADJUSTMENTS IN FIELD TO MATCH ACTUAL EQUIPMENT BEING INSTALLED. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
17. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS. ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
18. THE PLANS REFLECT SYSTEM VOLTAGES DROP AS PER 2020 FBC ENERGY CONSERVATION FBC-EC C405.5.3 - SEVENTH EDITION, THE CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5 PERCENT VOLTAGE DROP TOTAL AT DESIGN LOAD.
19. ELECTRICAL CONDUIT ROUTING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PRIOR INSTALLATION TO AVOID CLASHES.

## A1 GENERAL NOTES

SCALE: NOT TO SCALE

1000. PROPOSED LOCATION OF ELECTRICAL EQUIPMENT AND MOUNTING RACK. REFER TO SHEET E-2.0.1 FOR ONE-LINE DIAGRAM. REFER TO SHEET E-2.0.1 FOR ELECTRICAL RACK DETAILS.

1001. GATE CANOPY. REFER TO DETAIL ON SHEET E-7.0.2.

1002. POLE LIGHT. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-2.0.1 FOR INFORMATION. REFER TO POLE DETAIL ON SHEET E-7.0.1.

## A4 KEYED NOTES

SCALE: NOT TO SCALE

GREATER ORLANDO AVIATION AUTHORITY

**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

ORLANDO INTERNATIONAL AIRPORT


C&S Engineers, Inc.
605 E. Robinson Street, Suite 210
Orlando, Florida 32801
Phone: 407-426-1118
Fax: 407-841-9149
www.cscos.com


Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | EV CHARGER UPDATE |

Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | CLR, SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT C2**

Drawing No.:

E-2.0.4


Date: JUL 20, 2023 ■ Time: 2:53 pm ■ Plotted By: asosa
Drawing File: P:\Projects\34 ■ GOAA\Bid\27001 ■ BP-S00199 Parking Lot\Design\CAD\SHEET FILES\BP-S00199_ALT SEQ SHEETS.dwg

Jamie McGonagill
OAR Project Manager
Geotech Consultants International Inc. (GCI) on behalf of
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, FL 32824

November 14, 2023

**Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – Rental Variable Message Boards – Extension from 11/24/23 to 1/05/23**

Dear Mr. McGonagill,

Per Article 7.1.7 of the GOAA/Middlesex Corporation (TMC) Contract Agreement, TMC hereby submits its lump sum proposal of **$1,959** to extend the rental of the two variable message boards on site from 11/24/23 to 1/05/24.

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

| THE MIDDLESEX CORPORATION<br>10801 Cosmonaut Blvd<br>Orlando, FL 32824<br>Ph: (407) 206-0077 Fax: (407) 206-3559 | Project Description<br>Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Statute S.815.045, Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere. | GOAA | TMC Project: | 2130 |
|---|---|---|---|---|
| DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - Furnishing 2 EA Rental Variable Message Boards - Extension from 11/24/23 to 1/05/24 RCO | | $1,959 | Contract: | BP-S-00199 |
| | | | Date: | 11/14/2023 |

**LABOR**

| | DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| | Rental VMB's | | | | |
| | | | | | |
| | | | | | |
| |

# Bob's BARRICADES, INC.

**2020 DIVERSIFEID WAY**
**ORLANDO,FL. 32804**
**(407)855-7186**
**(407)316-8565**


**QUOTE** MIDDLESEX — **MID029**

**ATTN:** PETER DONKOR

**LOCATION:** 10705 JEFF FUGUA BLVD
**PROJECT#:** GOAA-S-00199 TRAIN STATION
**COUNTY:** ORANGE
**CONSTRUCTION DAYS:** 30 DAYS

**EFFECTIVE DATE:** 6/16/2023 JB

Bob's Barricades, Inc. offers you the following low rental rates for your traffic control needs:

| Item Description | Quantity | Price | Total | |
|---|---|---|---|---|
| VARIABLE MESSAGE BOARD | 2 | $20.00 | $40.00 | PER DAY |
| TRAFFIC BARREL | 8 | $0.30 | $2.40 | PER DAY |

TOTAL = $1,272 **FOR 30 DAYS**

**SALES TAX = 6.5%**
**JOB MIN $45**

**This bid must be signed and returned with any resulting contract.**
***Bond, if required, will be an additional 1% charge.**
***Bob's Barricades will not be responsible for failure to provide equipment in quantities which exceed those specifically detailed in the plans.**
***Unit prices above do not include labor for lane closures, special detours and traffic switches.**
***Signs are standard legend and size only. All construction signs mounted on temporary stands will be billed to the prime contractor in addition to the contract. Contractor is responsible for losses or damages.**
***Seventy two hour notification required on delivery of MOT devices.**
***Two week notification required for deliveries of message boards.**
***544-75-14 Price does not include sales tax, site preparation, guardrail posts & blocks.**
***Contractor is responsible for site preparation and MOT for attenuator units.**
***102-89-7 requires a minimum of twenty-one (21) days prior notification on installations.**
***Contractor responsible for site,base,damages and MOT to set and remove item 102-89-7.**
***This quote becomes a part of any resulting contract.**

**This quotation in no way authorizes the use of any Bob's Barricades personnel and/or their certification as worksite traffic safety supervisor without written consent from Bob's Barricades.**

At Bob's Barricades, we take special pride in offering the most complete and dependable service available and our equipment is in top condition at all times. We service jobs with our day crew("Daybirds") and night crew ("Nightowls") . We are proud to be the only barricade company with a Nightowl Program in the world. Our service representatives are on call 24 hours a day . We have radio-dispatched trucks which enable us to make faster deliveries from the field. We also rent and sell contractor's equipment at all of our locations. We sell sand bags, safety vests and stop and slow paddles throughout our entire operation.

Notwithstanding any language contained elsewhere in the contract between Bob's Barricades, Inc. ("Subcontractor") and _____ ("Contractor"), the following language supercedes and controls any language to the contrary: (1) Indemnification: Subcontractor will indemnify and hold harmless Contractor from and against all claims and suits of any kind related to the Work only where the Contractor is held vicariously liable solely for the active negligence of Subcontractor, and not in the event of Contractor being found liable or at fault to any degree, or both Subcontractor and Contractor being found liable or at fault to any degree; Subcontractor will defend Contractor only where the claim or suit alleges vicarious liability only on the part of Contractor for the acts or omissions of Subcontractor, and not for any other allegations; (2) Insurance: Subcontractor agrees to provide liability insurance making Contractor an additional insured, but only for vicarious liability it may have arising out of the acts or omissions of Subcontractor related to the Work, and not for any other purpose, or to any other extent. The acceptance by Contractor of this bid proposal of Subcontractor for the Work constitutes full acceptance by Contractor of all terms contained herein, and its incorporation into any other agreement between Contractor and Subcontractor for the Work described herein.

Sincerely,

PEDRO PINA
Bob's Barricades, Inc.

_____
CONTRACTOR SIGNATURE

Jamie McGonagill
GOAA OAR -
GCI

August 1st, 2023

**Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build – 4" Conduits for Future EV Charging Stations**

Dear Mr. McGonagill,

The Middlesex Corporation (TMC) hereby provides its lump sum cost proposal of **$37,434** to install two (2) additional 4"conduits for the future EV charging stations at each of the three Surface Lots 1. The scope of work includes open cut installation of the conduits in Surface Lot 1, and directional drilling of the conduits in Surface Lots 2 and 3.

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive7/13/
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

| THE MIDDLESEX CORPORATION<br>10801 Cosmonaut Blvd<br>Orlando, FL 32824<br>Ph: (407) 206-0077 Fax: (407) 206-3559 | Project Description<br>Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Statute S.815.045. Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere. | GOAA | TMC Project: | 2130 |
|---|---|---|---|---|
| DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - 4" Conduits for Future EV Chargers | | $37,434 | Contract: | BP-S-00199 |
| | | | Date: | 8/1/2023 |

**LABOR**

| | DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|---|
| | Survey - Crew | 1 | 10 | 191.90 | $ 1,919.00 |
| | Labor Subtotal | | | | $ 1,919.00 |
| | Markup: | | | 12.00% | $ 230.28 |
| | TOTAL LABOR COSTS: | | | | $ 2,149.28 |

**EQUIPMENT**

| DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT |
|---|---|---|---|---|
| Equipment Subtotal | | | | $ - |
| Markup: | | | 12.00% | $ - |
| TOTAL EQUIPMENT COSTS: | | | | $ - |

**MATERIAL**

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| Material Subtotal | | | | $ - |
| Orange County Tax (Surcharge 6.5% up to 5,000) | | $ - | 6.50% | $ - |
| Sales Tax - Over $5,000 | | | | |
| Material Total | | | | $ - |
| Markup: | | | 8% | $ - |
| TOTAL MATERIAL COSTS: | | | | $ - |

**SUBCONTRACTOR / OUTSIDE SERVICE**

| DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| Design Services | | | | |
| Transportation Systems Inc. | 1.00 | LS | $ 32,671.00 | $ 32,671.00 |
| Subcontractor / Out Service Subtotal | | | | $ 32,671.00 |
| Markup: | | | 8.00% | $2,613.68 |
| TOTAL SUBCONTRACTOR / OUTSIDE SERVICE COSTS: | | | | $ 35,284.68 |

**Additional Notes / Description:**

| TOTAL AMOUNTS | |
|---|---|
| LABOR | $2,149.28 |
| EQUIPMENT | |
| MATERIALS | |
| SUBCONTRACTORS / OUTSIDE SERVICES | $35,284.68 |
| SUB-TOTAL | $37,433.96 |
| Bond | |
| **TOTAL** | **$37,433.96** |

TRANSPORTATION SYSTEMS INC.
575 Cooper Industrial Parkway
Apopka, FL 32703

July 25, 2023

RE: BPS-199 GOAA Brightline Passenger Drop Off Lobby Parking Lots (EV 2W4)

To Whom it May Concern,

The following price proposal includes the material, equipment, and labor to install (2) 2W4 directional bores and (1) open cut trench for the future EV charging station raceways. One will cross the Loop Rd. for Surface Lot 1 and the other, also the Loop Rd., for Surface Lot 3. Proposal includes open trenching to install the (1) 2W4 for Surface Lot 1.

**TOTAL: $32,671.00**

Thank you,

Tim Brownell

**GOAA South Terminal C Phase 1**
**BRIGHTLINE PASSENGER DROP OFF LOBBY PARKING LOT**
**Pricing Document**

| **Subcontractor Name & Address: Transportation Systems Inc.**<br>**575 Cooper Industrial Parkway Apopka, FL 32703** | | | **July 25, 2023**<br>**2W4 FOR FUTURE EV CHARGERS** | | |
|---|---|---|---|---|---|
| **Scope of Work** | **Unit of Measure** | **Qty** | **Unit Cost** | **Total Amount** | **Total Amount** |
| **Labor** | | | | | |
| FOREMAN | HR | 9.0 | $ 42.60 | $382.97 | |
| LABORER (UNSKILLED) | HR | 9.0 | $ 24.85 | $223.40 | |
| EQUIPMENT OPERATOR | HR | 9.0 | $ 39.76 | $357.44 | |
| LABORER (UNSKILLED) | HR | 9.0 | $ 24.85 | $223.40 | |
| LABORER (UNSKILLED) | HR | 9.0 | $ 24.85 | $223.40 | |
| | | | **Subtotal Labor** | **$1,410.62** | |
| **Company Owned Equipment ( Non Taxable )** | | | | | |
| TSI 3/4 TON PICKUP | DY | 1 | $201 | $201.00 | |
| TSI FLATBED TRUCK | DY | 2 | $268 | $536.00 | |
| | | | | | |
| | | | **Subtotal Company Owned Equipment** | **$737.00** | |
| **Outside Rental Equipment ( Taxable )** | | | | | |
| 24" PLATE COMPACTOR | DY | 1 | $180.00 | $180.00 | |
| SMALL TRACK HOE | DY | 2 | $200.00 | $400.00 | |
| AIR COMPRESSOR | DY | 2 | $75.00 | $150.00 | |
| JUMPING JACK COMPACTOR | DY | 1 | $150.00 | $150.00 | |
| | | | | $- | |
| | | | | $- | |
| | | | | $- | |
| | | | **Subtotal OSR Equipment** | **$880.00** | |
| **Tax Calculation #1 - 6.5% on the 1st $5000 of OSR Equipment** | | | | $57.20 | |
| **Tax Calculation #2 - 6% on the balance of OSR Equipment** | | | | $ - | |
| | | | **Total Outside Rental Equipment with Tax** | **$937.20** | |
| **Materials ( Taxable )** | | | | | |
| SEE ATTACHED BACKUP | LS | 1 | $9,716.83 | $9,716.83 | |
| | | | | $ - | |
| | | | **Subtotal Materials** | $9,716.83 | |
| **Tax Calculation #1 - 6.5% on the 1st $5000 of Material Cost** | | | | $325.00 | |
| **Tax Calculation #2 - 6% on the balance of Material Cost** | | | | $ 283.01 | |
| | | | **Total Materials with Tax** | **$10,324.84** | |
| **Subcontracts (including any DBE)** | **Indicate Category (M, L, D )** | | | | |
| HDD | N/A | | | $15,000.00 | |
| | | | | | |
| | | | | $ - | |
| **Total Subcontracts** | | | | **$15,000.00** | |
| **Subtotal of ALL Categories Above** | | | | | **$ 28,409.66** |
| **Mark-up on Material, Equipment, and Labor 15.00%** | | | | | $ 2,011.45 |
| **Mark-up on Subcontracts 15.00%** | | | | | $ 2,250.00 |
| **Total** | | | | | **$ 32,671.11** |

# TRANSPORTATION SYSTEMS INC.
## BID BREAKDOWN

Job Name: GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS
Project №: BPS 199
Bid Phase:

Bid Date: 7/25/23
Estimator:
Location:

| Bid Item Breakout | Unit | Quantity | Material Total | Labor Total |
|---|---|---|---|---|
| 2W4 DIRECTIONAL BORE FOR FUTURE EV CHARGERS | LF | 240 | $ 2,880.00 | - |
| 2W4 OPEN CUT | LF | 45 | $ 6,916.83 | 48.15 |
| | | | | |
| | | | $ - | - |
| | | | $ - | - |
| | | | $ - | -

# TRANSPORTATION SYSTEMS INC.
## SUMMARY OF UNIT PRICES

*Job:* GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS *Bid Date:* Tuesday, July 25, 2023

*Project №:* BPS 199 *Location:* 0

| Item | Description | Unit | Qty. | Unit Price | Total |
|---|---|---|---|---|---|
| 1 | 2W4 DIRECTIONAL BORE FOR FUTURE EV CHARGERS | LF | 240 | $ 74.50 | $ 17,880.00 |
| 2 | 2W4 OPEN CUT | LF | 45 | $ 328.69 | $ 14,791.00 |
| 3 | | | | | |
| 4 | 0 | 0 | 0 | $ - | $ - |
| 5 | 0 | 0 | 0 | $ - | $ - |
| 6 | 0 | 0 | 0 | $ - | $ - |
| 7 | 0 | 0 | 0 | $ - | $ - |
| 8 | 0 | 0 | 0 | $ - | $ - |
| 9 | 0 | 0 | 0 | $ - | $ - |
| 10 | 0 | 0 | 0 | $ - | $ - |
| 11 | 0 | 0 | 0 | $ - | $ - |
| 12 | 0 | 0 | 0 | $ - | $ - |
| 13 | 0 | 0 | 0 | $ - | $ - |
| 14 | 0 | 0 | 0 | $ - | $ - |
| 15 | 0 | 0 | 0 | $ - | $ - |
| 16 | 0 | 0 | 0 | $ - | $ - |
| 17 | 0 | 0 | 0 | $ - | $ - |
| 18 | 0 | 0 | 0 | $ - | $ - |
| 19 | 0 | 0 | 0 | $ - | $ - |
| 20 | 0 | 0 | 0 | $ - | $ - |
| 21 | 0 | 0 | 0 | $ - | $ - |
| 22 | 0 | 0 | 0 | $ - | $ - |
| 23 | 0 | 0 | 0 | $ - | $ - |
| 24 | 0 | 0 | 0 | $ - | $ - |
| 25 | 0 | 0 | 0 | $ - | $ - |
| 26 | 0 | 0 | 0 | $ - | $ - |
| 27 | | 0 | 0 | $ - | $ - |
| 28 | 0 | 0 | 0 | $ - | $ - |
| 29 | 0 | 0 | 0 | $ - | $ - |
| 30 | 0 | 0 | 0 | $ - | $ - |
| 31 | 0 | 0 | 0 | $ - | $ - |
| 32 | 0 | 0 | 0 | $ - | $ - |
| 33 | 0 | 0 | 0 | $ - | $ - |
| 34 | 0 | 0 | 0 | $ - | $ - |
| 35 | 0 | 0 | 0 | $ - | $ - |
| 36 | 0 | 0 | 0 | $ - | $ - |
| 37 | 0 | 0 | 0 | $ - | $ - |
| 38 | 0 | 0 | 0 | $ - | $ - |
| 39 | 0 | 0 | 0 | $ - | $ - |
| 40 | 0 | 0 | 0 | $ - | $ - |
| 41 | 0 | 0 | 0 | $ - | $ - |
| 42 | 0 | 0 | 0 | $ - | $ - |
| 43 | 0 | 0 | 0 | $ - | $ - |
| 44 | 0 | 0 | 0 | $ - | $ - |
| 45 | 0 | 0 | 0 | $ - | $ - |
| | **Total Sell Price For Electrical Work** | | | | **$ 32,671.00** |

# TRANSPORTATION SYSTEMS INC.

## EQUIPMENT / GENERAL EXPENSE

| DESCRIPTION | QTY | # OF | PER | HOURLY | DAILY | WEEKLY | MONTHLY | TOTAL |
|---|---|---|---|---|---|---|---|---|
| CELL PHONE | | | | | $4.25 | $21.25 | $85.00 | $0.00 |
| TRAVEL EXPENSE | | | | $500.00 | $750.00 | $1,000.00 | $2,500.00 | $0.00 |
| STORAGE TRAILER | | | | | | | $200.00 | $0.00 |
| PORTABLE TOILET | | | | | | $12.50 | $50.00 | $0.00 |
| DRUG TEST | | | | | | | $50.00 | $0.00 |
| FIRST AID SUPPLIES | | | | | | | $75.00 | $0.00 |
| SAFETY EQUIPMENT | | | | | | | $75.00 | $0.00 |
| JOB SITE OFFICE TRAILER | | | | | | | $500.00 | $0.00 |
| JOB SITE OFFICE SUPPLIES | | | | | | | $50.00 | $0.00 |
| COPY MACHINE | | | | | | | $200.00 | $0.00 |
| SUNPASS | | | | | $3.75 | $18.75 | $75.00 | $0.00 |
| ELECTRICAL PERMIT FEE | | | | $250.00 | $500.00 | $1,000.00 | $5,000.00 | $0.00 |
| DUMPSTER | | | | | | | $175.00 | $0.00 |
| FUEL | | | | | $10.00 | $50.00 | $200.00 | $0.00 |
| CONTINGENCY | | | | $1.00 | $50.00 | $250.00 | $1,000.00 | $0.00 |
| CHOP SAW | | | | $5.63 | $45.00 | $180.00 | $450.00 | $0.00 |
| AIR COMPRESSOR | 1 | 2 | DY | $9.38 | $75.00 | $260.00 | $675.00 | $150.00 |
| JACK HAMMER | | | | $9.38 | $75.00 | $260.00 | $675.00 | $0.00 |
| GROUND ROD DRIVER 60LB TO 90LB | | | | $0.75 | $6.00 | $26.00 | $65.00 | $0.00 |
| AIR BREAKER | | | | $4.63 | $37.00 | $148.00 | $370.00 | $0.00 |
| GENERATOR 2500 WATT | | | | $3.75 | $30.00 | $75.00 | $300.00 | $0.00 |
| | | | | | | | | |
| ELECTRIC CONCRETE VIBRATOR; 2.5 HP | | | | $4.38 | $35.00 | $140.00 | $350.00 | $0.00 |
| JUMPING JACK COMPACTOR | 1 | 2 | DY | $9.38 | $75.00 | $300.00 | $750.00 | $150.00 |
| 20" PLATE COMPACTOR | | | | $5.63 | $45.00 | $162.00 | $360.00 | $0.00 |
| 24" PLATE COMPACTOR | 1 | 2 | DY | $11.25 | $90.00 | $225.00 | $675.00 | $180.00 |
| ROLLING COMPACTOR; WALK BEHIND | | | | $9.38 | $75.00 | $225.00 | $675.00 | $0.00 |
| | | | | | | | | $0.00 |
| BUCKET TRUCK | | | | $60.63 | $485.00 | $1,300.00 | $2,700.00 | $0.00 |
| FLATBED TRUCK | 1 | 2 | DY | $33.54 | $268.00 | $802.00 | $1,005.53 | $536.00 |
| CRANE | | | | $0.00 | $1,000.00 | $5,000.00 | $18,000.00 | $0.00 |
| PLATFORM TRUCK | | | | $65.00 | $100.00 | $200.00 | $800.00 | $0.00 |
| BOOM TRUCK; 15 TON; 60' REACH | | | | $41.63 | $333.00 | $1,080.00 | $3,250.00 | $0.00 |
| BOOM TRUCK; 20 TON | | | | $78.13 | $625.00 | $1,675.00 | $4,900.00 | $0.00 |
| PICKUP TRUCK 3/4 TON | 1 | 2 | DY | $25.22 | $201.00 | $605.00 | $792.92 | $201.00 |
| DUMP TRUCK; 6 CY BED | | | | $20.00 | $160.00 | $495.00 | $1,450.00 | $0.00 |
| ALTEC LINE TRUCK (BUCKET/AUGER) | | | | $15.00 | $120.00 | $450.00 | $1,570.00 | $0.00 |
| TRAILER | | | | $6.25 | $50.00 | | $500.00 | $0.00 |
| LARGE TRACK HOE | | | | $96.88 | $775.00 | $2,300.00 | $6,900.00 | $0.00 |
| MEDIUM TRACK HOE | | | | $58.75 | $470.00 | $1,400.00 | $4,000.00 | $0.00 |
| SMALL TRACK HOE | 1 | 2 | DY | $25.00 | $200.00 | $1,225.00 | $2,650.00 | $400.00 |
| DITCH WITCH; RIDE ON | | | | $23.13 | $185.00 | $550.00 | $1,500.00 | $0.00 |
| BACKHOE | | | | $22.50 | $180.00 | $430.00 | $1,350.00 | $0.00 |
| RIDE ON DITCH PLOW | | | | $0.00 | $0.00 | $2,612.50 | $9,500.00 | $0.00 |
| BOBCAT | | | | $18.13 | $145.00 | $550.00 | $1,500.00 | $0.00 |
| | | | | | | | | |
| TRENCH BOX; 6'W x 8'D x 8'L | | | | $15.63 | $125.00 | $300.00 | $900.00 | $0.00 |
| TRENCH BOX; 10'W x 10'D x 20'L | | | | $21.88 | $175.00 | $750.00 | $2,100.00 | $0.00 |
| MUD HOG PUMP | | | | $6.50 | $52.00 | $208.00 | $520.00 | $0.00 |
| REEL TRAILER | | | | $15.00 | $120.00 | $450.00 | $1,200.00 | $0.00 |
| MAGNETIC DRILL PRES | | | | $7.00 | $56.00 | $183.00 | $518.00 | $0.00 |
| CORE DRILL | | | | $7.50 | $60.00 | $240.00 | $1,100.00 | $0.00 |
| SCISSOR LIFT; 32' | | | | $16.25 | $130.00 | $245.00 | $590.00 | $0.00 |
| BOOM LIFT; 45' | | | | $25.63 | $205.00 | $400.00 | $1,040.00 | $0.00 |
| BOOM LIFT; 65' | | | | $30.63 | $245.00 | $490.00 | $1,450.00 | $0.00 |
| LIGHT TOWER | | | | $10.00 | $80.00 | $160.00 | $400.00 | $0.00 |
| | | | | | | | | $0.00 |
| | | | | | | | **TOTAL** | **$1,617.00** |

# TRANSPORTATION SYSTEMS INC.
## SUBCONTRACTORS

*Job Name:* GOAA BRIGHTLINE PASSENGER DROP OF
*Project ID:* BPS 199

*Bid Date:* 7/25/23
*Location:* 0

| *Sub Name/Activity of Work* | *Phase Which The Sub Applies To* | *Quoted Amount* |
|---|---|---|
| HDD (HORIZONTAL DIRECTIONAL DRILLING) | | $ 15,000.00 |
| (1) 2W4 for Lot B and (1) 2W4 for Lot C | | |
| | | |
| | | |
|

# TRANSPORTATION SYSTEMS INC.

*Job Name:* GOAA BRIGHTLINE PASSENGER DROP OFF LOTS
*Project ID:* BPS 199

*Bid Date:* 7/25/23

*Location:* 0

*Bid Item:* 2W 4 DIRECTIONAL BORES FOR THE FUTURE EV CHARGERS

| Description | Unit | Quantity | Material | Material Total | Labor Hour | Labor Total |
|---|---|---|---|---|---|---|
| 2W 4 HDPE BORE | LF | 480 | $ 6.00 | $ 2,880.00 | | |
| | | | | | | |
| | | | | | | |
| | | | |

# TRANSPORTATION SYSTEMS INC.

*Job Name:* GOAA BRIGHTLINE PASSENGER DROP OFF LOTS EV CHARGERS
*Project ID:* BPS 199

*Bid Date:* 7/25/23

*Location:* 0

*Bid Item:* 2W4 OPEN CUT

| Description | Unit | Quantity | Material | Material Total | Labor Hour | Labor Total |
|---|---|---|---|---|---|---|
| 30x48x36 QUAZITE BOX "ELECTRIC" LID | EA | 3 | $ 2,004.00 | $ 6,012.00 | 5.000 | 15.00 |
| 2W4 SCH 40 PVC | LF | 90 | $ 6.64 | $ 597.94 | 0.080 | 7.20 |
| | | | | $ - | 1.000 | - |
| PVC CEMENT | EA | 1 | $ 9.540 | $ 9.54 | 1.000 | 1.00 |
| METAL DETECTABLE ELECTRIC WARNING TAPE | EA | 1 | $ 29.05 | $ 29.05 | 1.000 | 1.00 |
| JET LINE 210 LB | EA | 1 | $ 35.96 | $ 35.96 | 3.000 | 3.00 |
| .33 CY BAG OF 3/4" STONE FOR SETTING PULL BOXES | EA | 3 | $ 63.98 | $ 191.94 | 1.000 | 3.00 |
| 4" PVC END CAPS | EA | 12 | $ 3.37 | $ 40.40 | 0.150 | 1.80 |
| | | | | $ - | | - |
| | | | | $ - | | - |
| | | | | $ - | | - |
| **EXCAVATION** | | | | $ - | | - |
| 24" W X 36" D X 45' L | LF | 45 | | $ - | 0.178 | 8.00 |
| BACKFILL AND COMPACT | LF | 45 | | $ - | 0.178 | 8.00 |
| SPOILS | CY/LOT | 1 | | $ - | 0.150 | 0.15 |
| | | | | $ - | | - |
| | | | | $ - | | - |
| | | | | $ - | | -

# Price Proposal

HDD OF FLORIDA LLC
P.O.BOX 2125
WINTER PARK FL 32790

**Date:** July 17, 2023

**To:** TSI
575 Cooper Industrial Park
Apopka, FL 32703

| PROJECT NO. | JOB NAME/LOCATION | PAYMENT TERMS |
|---|---|---|
| | GOAA BPS 199 EV CHARGERS | NET 30 |

| QTY | ITEM # | DESCRIPTION | UNIT PRICE | LINE TOTAL |
|---|---|---|---|---|
| 1 | | 2W4" HDPE DIRECTIONAL BORE @ 160 LF | $ 10,000.00 | $ 10,000.00 |
| 1 | | 2W4" HDPE DIRECTIONAL BORE @ 80 LF | $ 5,000.00 | $ 5,000.00 |
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| | | | | |
| | | | Total | $ 15,000.00 |

Make all checks payable to: HDD OF FLORIDA LLC
(P) 352-348-4046 / (F) 352-394-3110
HDDOFFLORIDA@GMAIL.COM

**TRANSPORTATION SYSTEMS INC.**
**575 COOPER INDUSTRIAL PARKWAY**
**APOPKA, FL 32703**

# TSI EQUIPMENT RATES 2023

| | | | A | B | (A + B) |
|---|---|---|---|---|---|
| **Description** | **Monthly Total Cost** | **Monthly Total Cost At 50%** | **Monthly Total Cost At 50% Divided By 176** | **Estimated Operating Cost Per HR** | **Total Hourly Rate** |
| 1/2 Ton Pickup Truck | $ 689.50 | $ 344.75 | $ 1.96 | $ 15.73 | $ 17.69 |
| 3/4 Ton Truck | $ 792.92 | $ 396.46 | $ 2.25 | $ 22.97 | $ 25.22 |
| Flatbed Truck | $ 1,005.53 | $ 502.77 | $ 2.86 | $ 30.68 | $ 33.54 |
| Bucket Truck | $ 2,250.00 | $ 1,125.00 | $ 6.39 | $ 26.11 | $ 32.50 |
| Boom Truck (15 Ton/ 60' Reach) | $ 2,500.00 | $ 1,250.00 | $ 7.10 | $ 19.90 | $ 27.00 |
| Scissor Lift - 40ft | $ 5,206.05 | $ 2,603.03 | $ 14.79 | $ 18.74 | $ 33.53 |
| RT Forklift 8000# | $ 11,990.04 | $ 5,995.02 | $ 34.06 | $ 55.89 | $ 31.97 |
| Rubber-Tire Backhoe - 420E | $ 6,208.83 | $ 3,104.42 | $ 17.64 | $ 38.57 | $ 56.21 |
| Ditch Witch (Ride On) 36" Depth | $ 1,500.00 | $ 750.00 | $ 4.26 | $ 9.49 | $ 13.75 |
| Mini Excavator (Bobcat) | $ 8,504.02 | $ 4,252.01 | $ 24.16 | $ 37.33 | $ 61.49 |
| Rubber-Tire Backhoe - 420E | $ 3,399.82 | $ 1,699.91 | $ 9.66 | $ 23.60 | $ 33.26 |
| Pump - 3" - 4" Trash | $ 324.06 | $ 162.03 | $ 0.92 | $ 5.76 | $ 6.68 |
| Pump - 6" - 8" Trash | $ 4,207.87 | $ 2,103.94 | $ 11.95 | $ 37.37 | $ 49.32 |
| Generator (2500 Watt) | $ 500.00 | $ 250.00 | $ 1.42 | $ 0.45 | $ 1.88 |

**TRANSPORTATION SYSTEMS INC.**

**575 Cooper Industrial Parkway**
**Apopka, FL 32703**

| Craft | Total Rate w/Burden | Labor Burden | Labor Burden % | Base Rate | Overtime Rate = Base Rate x 1.5 | Total O.T. Rate w/30% Labor Burden | Blended Hourly Rate |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| SUPERVISOR | $ 49.70 | $ 14.70 | 0.42 | $ 35.00 | $ 52.50 | $ 68.25 | $ 55.88 |
| FOREMAN | $ 42.60 | $ 12.60 | 0.42 | $ 30.00 | $ 45.00 | $ 58.50 | $ 47.90 |
| ITS TECHNICIAN | $ 39.05 | $ 11.55 | 0.42 | $ 27.50 | $ 41.25 | $ 53.63 | $ 43.91 |
| FOC INSTALLER (SKILLED) | $ 35.50 | $ 10.50 | 0.42 | $ 25.00 | $ 37.50 | $ 48.75 | $ 39.92 |
| FOC INSTALLER (UNSKILLED) | $ 31.24 | $ 9.24 | 0.42 | $ 22.00 | $ 33.00 | $ 42.90 | $ 35.13 |
| LABORER (SKILLED) | $ 31.24 | $ 9.24 | 0.42 | $ 22.00 | $ 33.00 | $ 42.90 | $ 35.13 |
| LABORER (UNSKILLED) | $ 24.85 | $ 7.35 | 0.42 | $ 17.50 | $ 26.25 | $ 34.13 | $ 27.94 |
| ELECTRICIAN | $ 42.60 | $ 12.60 | 0.42 | $ 30.00 | $ 45.00 | $ 58.50 | $ 47.90 |
| AUGER OPERATOR | $ 39.05 | $ 11.55 | 0.42 | $ 27.50 | $ 41.25 | $ 53.63 | $ 43.91 |
| BACKHOE OPERATOR | $ 28.40 | $ 8.40 | 0.42 | $ 20.00 | $ 30.00 | $ 39.00 | $ 31.93 |
| BOOM OPERATOR | $ 35.50 | $ 10.50 | 0.42 | $ 25.00 | $ 37.50 | $ 48.75 | $ 39.92 |
| CRANE OPERATOR | $ 36.92 | $ 10.92 | 0.42 | $ 26.00 | $ 39.00 | $ 50.70 | $ 41.51 |
| EQUIPMENT OPERATOR | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| PLOW OPERATOR | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| DIRECTIONAL BORE OPERATOR | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| TRENCH OPERATOR (SKILLED) | $ 39.76 | $ 11.76 | 0.42 | $ 28.00 | $ 42.00 | $ 54.60 | $ 44.71 |
| TRENCH CONDUIT LABORER (UNSKILLED) | $ 26.63 | $ 7.88 | 0.42 | $ 18.75 | $ 28.13 | $ 36.56 | $ 29.94 |
| CONCRETE FINISHER | $ 26.63 | $ 7.88 | 0.42 | $ 18.75 | $ 28.13 | $ 36.56 | $ 29.94 |
| TRAFFIC SIGNAL INSTALLER (SKILLED) | $ 38.34 | $ 11.34 | 0.42 | $ 27.00 | $ 40.50 | $ 52.65 | $ 43.11 |
| TRAFFIC SIGNAL INSTALLER (UNSKILLED) | $ 25.56 | $ 7.56 | 0.42 | $ 18.00 | $ 27.00 | $ 35.10 | $ 28.74 |
| MECHANIC | $ 35.50 | $ 10.50 | 0.42 | $ 25.00 | $ 37.50 | $ 48.75 | $ 39.92 |
| ADMINISTRATIVE ASSISTANT | $ 32.66 | $ 9.66 | 0.42 | $ 23.00 | $ 34.50 | $ 44.85 | $ 36.72 |

WORLD electric
A Sonepar Company

WORLD ELECTRIC SUPPLY, INC.
500 E DONEGAN AVENUE
KISSIMMEE,FL 34744-1928
407-343-7800 *Fax* 407-343-0047

James.Lacey@worldelectricsupply.com

# Quotation

| QUOTE DATE | QUOTE NUMBER |
|---|---|
| 06/27/23 | S052293659 |
| PAGE NO. | |
| 1 of 2 | |

QUOTE TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

SHIP TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

| CUSTOMER NUMBER | CUSTOMER ORDER NUMBER | JOB NAME | QUOTED TO |
|---|---|---|---|
| 370562 | POTENTIAL CHANGE ORDER | | TIM |

| SALESPERSON | SHIP VIA | FREIGHT ALLOWED | EXPIRATION DATE |
|---|---|---|---|
| JAMES LACEY | PK PICK UP | No | 11:59pm ET 07/12/23 |

| ORDER QTY | UPC | DESCRIPTION | UNIT PRICE | U | EXT PRICE |
|---|---|---|---|---|---|
| 12ea | 980060S4049 | PVCFIT 400P CPL 4IN PVC LONGLINE COUPLING | 930.000 | c | 111.60 |
| 6ea | 98002000170 | GEL 400G90 4IN 90D GAL ELB 4 IN 90DEG GALV ELBOW | 134.284 | e | 805.70 |
| 12ea | 98006006250 | PVCFIT 400P FA 4 IN PVC COND FEMALE ADAPTER | 336.658 | c | 40.40 |
| 1ea | 98006006971 | PVC GLQTS-1 1 QT-CEMENT-W/BRUSH TOP | 9.540 | e | 9.54 |
| 1ea | 01581231107 | EMP 31-107 3IN X 1000FT MAGNATEC RED PREMIUM DETECTABLE TAPE | 29.050 | e | 29.05 |
| 1ea | 78325031340 | IDEAL 31-340 6500FT 210LB PULL LINE | 35.964 | e | 35.96 |
| 320ft | 98006006010 | PVC 400P 4IN SCH40 PVC PIPE 4IN SCH40 PVC PIPE | 664.373 | c | 2125.99 |
| 6300ft | 98006006004 | PVC 114P 1-1/4IN SCH40 PVC PIPE 1-1/4" SCH40 PVC PIPE | 174.049 | c | 10965.09 |
| 80ea | 98002000164 | GEL 114G90 1-1/4 90D GAL ELB 1-1/4 90DEG GALV ELBOW | 16.309 | e | 1304.72 |
| 160ea | 98006006244 | PVCFIT 114P FA 1-1/4 PVC COND FEMALE ADAPTER | 62.605 | c | 100.17 |
| 1ea | 71000827928 | MVB' BI-GAL 1 GALLON BITUMASTIC | 74.258 | e | 74.26 |

*** Continued on Next Page ***

WORLD electric
A Sonepar Company

**WORLD ELECTRIC SUPPLY, INC.**
**500 E DONEGAN AVENUE**
**KISSIMMEE,FL 34744-1928**
**407-343-7800 *Fax* 407-343-0047**

**James.Lacey@worldelectricsupply.com**

# Quotation

| QUOTE DATE | QUOTE NUMBER |
|---|---|
| 06/27/23 | S052293659 |
| PAGE NO. | |
| 2 of 2 | |

QUOTE TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

SHIP TO:
TRANSPORTATION SYSTEMS INC.
575 COOPER INDUSTRIAL PARKWAY
APOPKA, FL 32703-6232
470-525-9940

| CUSTOMER NUMBER | CUSTOMER ORDER NUMBER | JOB NAME | QUOTED TO |
|---|---|---|---|
| 370562 | POTENTIAL CHANGE ORDER | | TIM |

| SALESPERSON | SHIP VIA | FREIGHT ALLOWED | EXPIRATION DATE |
|---|---|---|---|
| JAMES LACEY | PK PICK UP | No | 11:59pm ET 07/12/23 |

| ORDER QTY | UPC | DESCRIPTION | UNIT PRICE | U | EXT PRICE |
|---|---|---|---|---|---|
| 3ea | 98006006971 | PVC GLQTS-1 1 QT-CEMENT-W/BRUSH TOP | 9.540 | e | 28.62 |
| 6ea | 01581231107 | EMP 31-107 3IN X 1000FT MAGNATEC RED PREMIUM DETECTABLE TAPE | 29.050 | e | 174.30 |

**TERMS & CONDITIONS**
OUR PRODUCTS AND SERVICES ARE SUBJECT TO, AND GOVERNED EXCLUSIVELY BY, OUR TERMS AND CONDITIONS OF SALE, WHICH ARE INCORPORATED HEREIN AND AVAILABLE AT www.worldelectricsupply.com/terms. ADDITIONAL OR CONFLICTING TERMS ARE REJECTED, VOID, AND OF NO FORCE OR EFFECT. WIRE & PIPE PRICES ARE ONLY GOOD FOR THE CURRENT DAY.

| | |
|---|---|
| **Subtotal** | **15805.40** |
| **S&H CHGS** | **0.00** |
| **Sales Tax** | **1023.32** |
| **Amount Due** | **16828.72** |

# Quotation

**Quote #:** Q-244814-3
**Delivery Date:** 6/9/2023
**Date:** 6/8/2023
**Expires On:** 7/8/2023
**PO Number:**

**General Rental**
**Orlando Branch**
8151 N Orange Blossom Trl,
ORLANDO, FL 34523
Phone: (407) 273-7383
Email:

**Ship To**
Tim Brownell
BPS 199 Terminal C Parking Lots
11400 Terminal C Service Rd
Orlando, FL 32835
Office:(407) 525-9940
Mobile:(321) 410-9248
tbrownell@tsi-fl.com

**Bill To**
TRANSPORTATION SYSTEMS INC
575 Cooper Industrial Parkway
Apopka, FL 32703

| SALESPERSON | PHONE | EMAIL | DELIVERY METHOD | TERMS |
|---|---|---|---|---|
| Wes Moon | (407) 698-6178 | wmoon@synergyequip.com | Site Delivery | Net 30 |

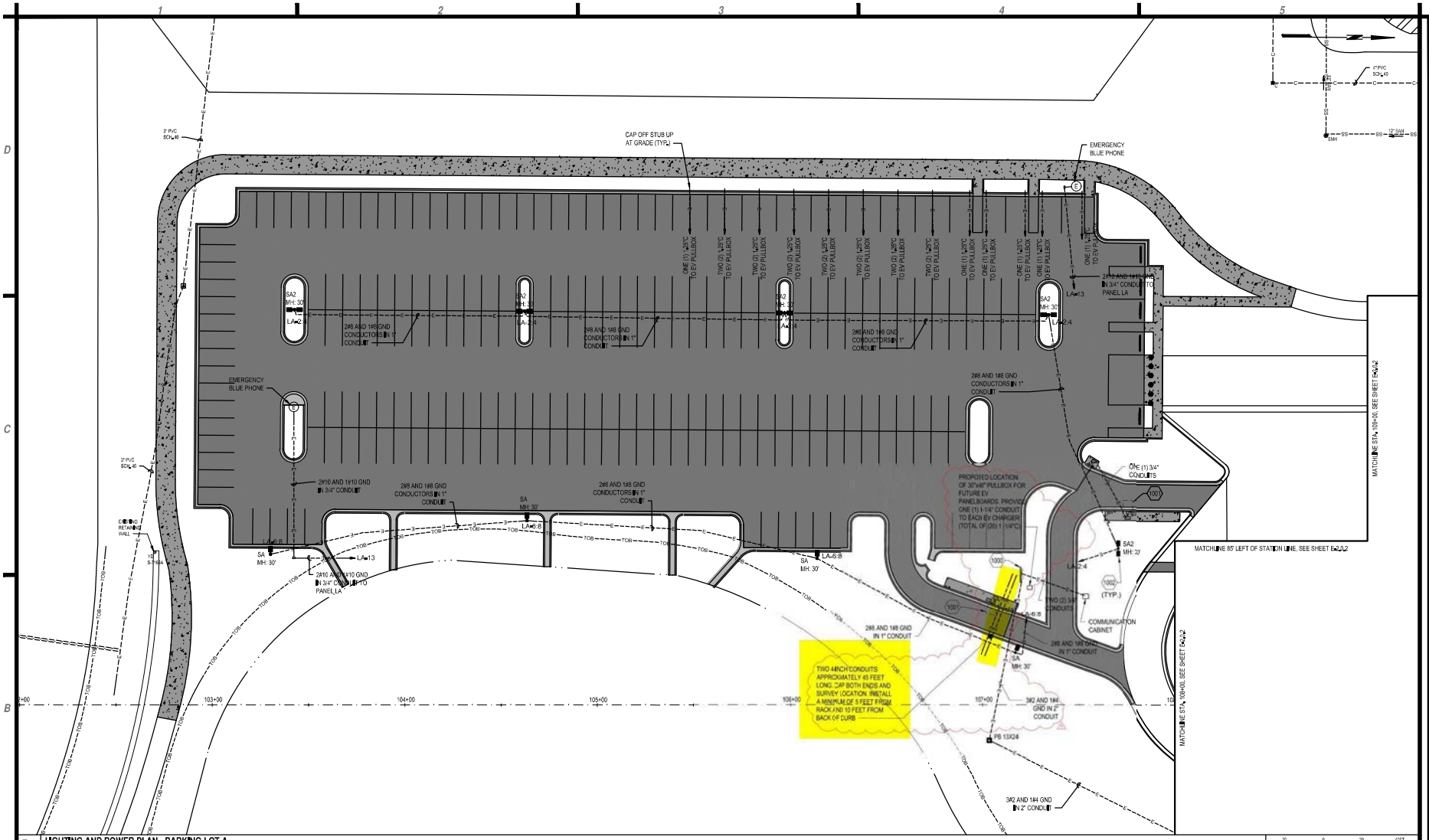
## Equipment Listing / Rental and Delivery Costs

| Cat-Class | Product | Day | Week | 4 Week |
|---|---|---|---|---|
| 320-1240 | COMPACT EXCAVATOR-3.5T-9-12' DEPTH (BC E 32, Takeuchi TB235 Doosan S035, CAT 303.5) | $360 | $1,225 | $2,650 |
| | | $360 | $1,225 | $2,650 |

**Total Rental with Applicable Charges**

| | Day | Week | 4 Week |
|---|---|---|---|
| Rental | $360.00 | $897.00 | $2,650.00 |
| Environmental Fee (3%) | | | $79.50 |
| Tax (Orange 6.5%) | | | $172.25 |
| Loss Damage Waiver (15%) | | | $397.50 |
| Total Freight | | | $300.00 |
| **TOTAL** | | | **$3,599.25** |

All Rates are based on a 8 Hour Day, 40 Hour Week & 160 Hour Month unless previously agreed upon in writing.
Quote valid for 30 Days & subject to availability. We look forward to earning your business!
Equipment Rental. Redefined.




## B1 LIGHTING AND POWER PLAN - PARKING LOT A

SCALE: 1" = 20'

1. INSTALLATION SHALL CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING CODE (7TH EDITION), AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
2. THESE PLANS ARE DIAGRAMMATIC AND ARE INTEND TO CLARIFY THE SCOPE OF WORK. PROVIDE ALL NECESSARY EQUIPMENT, ACCESSORIES, FITTINGS, TRANSITIONS, ETC. FOR A COMPLETE AND OPERATIONAL INSTALLATION AS PER THESE PLANS AND ANY SPECIFICATIONS.
3. COORDINATE ANY AND ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION IN ORDER TO AVOID CONFLICTS DURING CONSTRUCTION.
4. ALL DISCONNECTS SHALL HAVE A GROUND BAR. ALL DISCONNECTS SHALL BE CLEARLY LABELED WITH THE NAME AND LOCATION OF THE EQUIPMENT THAT THEY SERVE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED SUCH THAT THERE IS SUFFICIENT CLEAR SPACE FOR MAINTENANCE. PROVIDE MINIMUM NEC WORKING CLEARANCE IN FRONT OF ALL PANELBOARDS, SWITCHES, ETC PER NEC CODE 110.26.
6. ALL ELECTRICAL PANELS, DISCONNECTS AND TERMINAL CABINETS SHALL BE IDENTIFIED WITH A PERMANENTLY AFFIXED NAME PLATE INDICATING VOLTAGE, AMPERES, MANUFACTURER, MODEL NUMBER AND THE NAME AND THE LOCATION OF THE EQUIPMENT THAT THEY SERVE.
7. UNDERGROUND CONDUIT SHALL BE PVC SCH. 40 OR HDPE, UON. UNDERGROUND CONDUIT SHALL TRANSITION TO RGS CONDUIT WITH RGS TO PVC FITTINGS. CONDUIT SHALL BE RGS ABOVE GRADE THROUGH AND INCLUDING THE FIRST 90° FITTING UNDERGROUND, UON. APPLY 'X-COAT' (TUMASTIC) COATING TO DIRECT BURIED PORTION OF RGS CONDUIT, UP TO AND INCLUDING 6" ABOVE FINAL GRADE.
8. UNDERGROUND CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE, UON.
9. ALL RACEWAYS SHALL BE RUN IN NEAT AND WORKMANLIKE MANNER AND SHALL BE PROPERLY SUPPORTED.
10. ALL RACEWAY SYSTEMS SHALL HAVE A MAXIMUM OF (4) 90-DEGREE BENDS BETWEEN PULL BOXES.
11. PROVIDE A PULL STRING IN ALL EMPTY CONDUIT RUNS.
12. FLEXIBLE CONDUIT CONNECTIONS TO EQUIPMENT SHALL BE LIMITED TO 6'-0" IN LENGTH OR TO BE SUPPORTED PER NEC.
13. JUNCTION AND PULL BOXES SHALL BE SIZED WITH AT LEAST 50% MORE CAPACITY ABOVE AND BEYOND THE MINIMUM REQUIRED BY THE NEC.
14. PROVIDE WATERTIGHT CONDUIT HUB FITTINGS FOR ALL CONDUITS ENTERING/EXITING ENCLOSURE TO MAINTAIN NEMA RATING AS SPECIFIED FOR ENCLOSURE.
15. CONSTRUCTION DOCUMENTS REPRESENT THE CONSULTANT'S DESIGN INTENT. IT IS NOT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO IDENTIFY EACH AND EVERY DETAIL OF THE ELECTRICAL CONSTRUCTION. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM.
16. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION OF DEVICES. THE ELECTRICAL CONTRACTOR SHALL MAKE ADJUSTMENTS IN FIELD TO MATCH ACTUAL EQUIPMENT BEING INSTALLED. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
17. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS. ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
18. THE PLANS REFLECT SYSTEM VOLTAGES DROP AS PER 2020 FBC ENERGY CONSERVATION FBC-EC C405.5.3 - SEVENTH EDITION. THE CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5 PERCENT VOLTAGE DROP TOTAL AT DESIGN LOAD.
19. ELECTRICAL CONDUIT ROUTING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PRIOR INSTALLATION TO AVOID CLASHES.

## A1 GENERAL NOTES

SCALE: NOT TO SCALE

## A4 KEYED NOTES

SCALE: NOT TO SCALE

1000. PROPOSED LOCATION OF ELECTRICAL EQUIPMENT AND MOUNTING RACK. REFER TO SHEET E-0.0.1 FOR ONE-LINE DIAGRAM, REFER TO SHEET E-0.0.1 FOR ELECTRICAL RACK DETAILS.
1001. GATE CANOPY. REFER TO DETAIL ON SHEET E-2.0.2.
1002. POLE LIGHT. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-0.0.1 FOR INFORMATION. REFER TO POLE DETAIL ON SHEET E-2.0.1.

GREATER ORLANDO AVIATION AUTHORITY

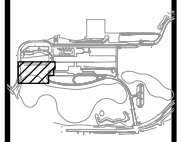
**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

ORLANDO INTERNATIONAL AIRPORT

C&S Engineers, Inc.
605 E. Robinson Street, Suite 210
Orlando, Florida 32801
Phone: 407-423-1118
Fax: 407-841-9149
www.cscos.com

Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | EV CHARGER UPDATE |



Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | D.R. SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

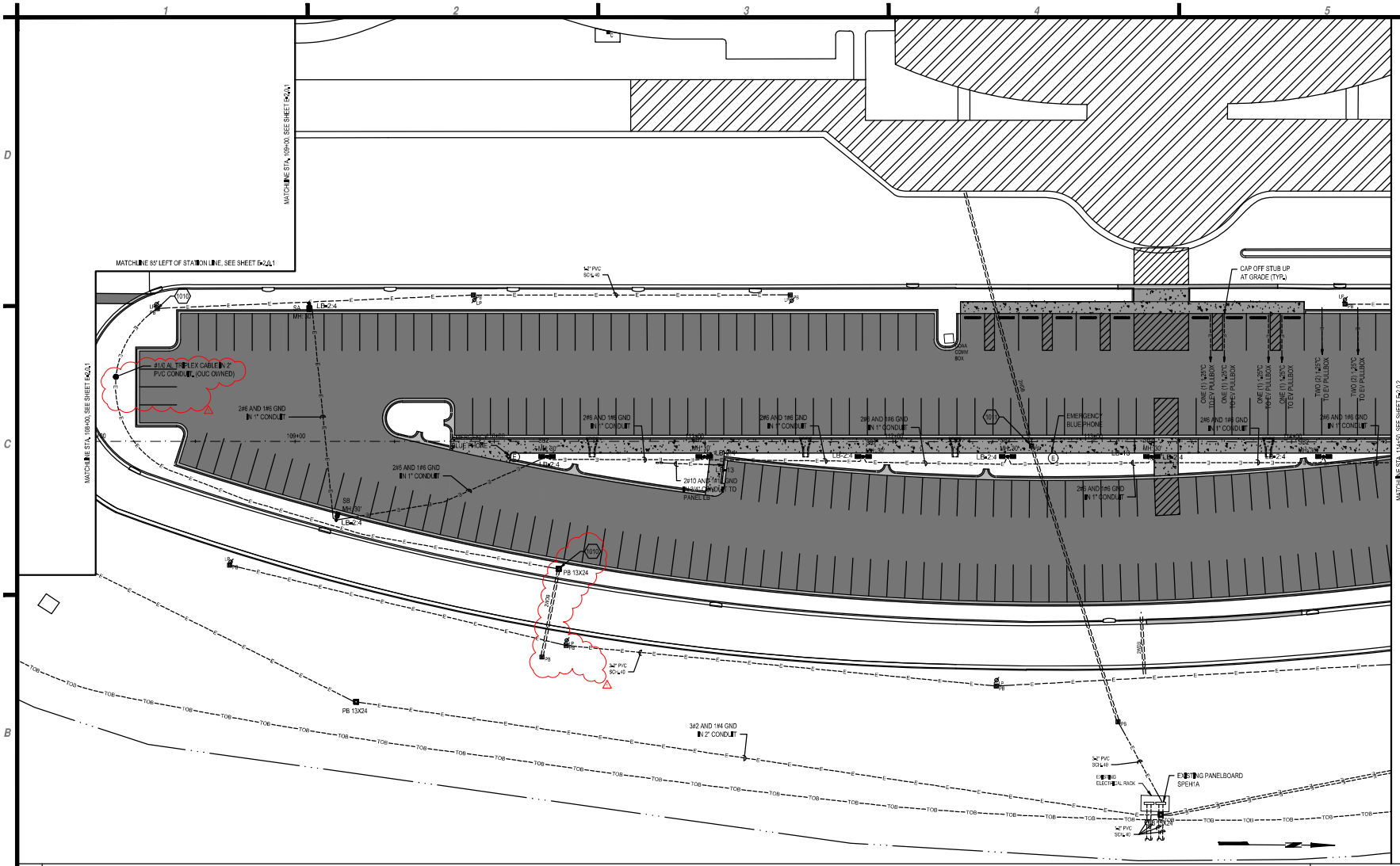
Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT A**

Drawing No.:

E-2.0.1

Date: JUN 20, 2023 ■ Time: 2:36 pm ■ Plotted By: asosa
Drawing File: P:\Projects\3##\4-ISO\4A\L\94502700\1■BP-S00199 Parking Lot\Design\CAD\SI\Sheet Files\BP-S00199_A01 SEE SHEET.dwg




## B1 LIGHTING AND POWER PLAN - PARKING LOT B

SCALE: 1" = 20'

## A1 GENERAL NOTES

SCALE: NOT TO SCALE

1. INSTALLATION SHALL CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING CODE (7TH EDITION), AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
2. THESE PLANS ARE DIAGRAMMATIC AND ARE INTEND TO CLARIFY THE SCOPE OF WORK. PROVIDE ALL NECESSARY EQUIPMENT, ACCESSORIES, FITTINGS, TRANSITIONS, ETC., FOR A COMPLETE AND OPERATIONAL INSTALLATION AS PER THESE PLANS AND ANY SPECIFICATIONS.
3. COORDINATE ANY AND ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION IN ORDER TO AVOID CONFLICTS DURING CONSTRUCTION.
4. ALL DISCONNECTS SHALL HAVE A GROUND BAR. ALL DISCONNECTS SHALL BE CLEARLY LABELED WITH THE NAME AND LOCATION OF THE EQUIPMENT THAT THEY SERVE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED SUCH THAT THERE IS SUFFICIENT CLEAR SPACE FOR MAINTENANCE, PROVIDE MINIMUM NEC WORKING CLEARANCE IN FRONT OF ALL PANELBOARDS, SWITCHES, ETC PER NEC CODE 110.26.
6. ALL ELECTRICAL PANELS, DISCONNECTS AND TERMINAL CABINETS SHALL BE IDENTIFIED WITH A PERMANENTLY AFFIXED NAME PLATE INDICATING VOLTAGE, AMPERES, MANUFACTURER, MODEL NUMBER AND THE NAME AND THE LOCATION OF THE EQUIPMENT THAT THEY SERVE.
7. UNDERGROUND CONDUIT SHALL BE PVC SCH. 40 OR HDPE. UON, UNDERGROUND CONDUIT SHALL TRANSITION TO RGS CONDUIT WITH RGS TO PVC FITTINGS. CONDUIT SHALL BE RGS ABOVE GRADE THROUGH AND INCLUDING THE FIRST 90° FITTING UNDERGROUND, UON. APPLY 3-COAT BITUMASTIC COATING TO EXPOSED BURIED PORTION OF RGS CONDUIT, UP TO AND INCLUDING 6" ABOVE FINAL GRADE.
8. UNDERGROUND CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE, UON.
9. ALL RACEWAYS SHALL BE RUN IN NEAT AND WORKMAN-LIKE MANNER AND SHALL BE PROPERLY SUPPORTED.
10. ALL RACEWAY SYSTEMS SHALL HAVE A MAXIMUM OF (4) 90-DEGREE BENDS BETWEEN PULL BOXES.
11. PROVIDE A PULL STRING IN ALL EMPTY CONDUIT RUNS.
12. FLEXIBLE CONDUIT CONNECTIONS TO EQUIPMENT SHALL BE LIMITED TO 6'-0" IN LENGTH OR TO BE SUPPORTED PER NEC.
13. JUNCTION AND PULL BOXES SHALL BE SIZED WITH AT LEAST 50% MORE CAPACITY ABOVE AND BEYOND THE MINIMUM REQUIRED BY THE NEC.
14. PROVIDE WATERTIGHT CONDUIT HUB FITTINGS FOR ALL CONDUITS ENTERING/EXITING ENCLOSURE TO MAINTAIN NEMA RATING AS SPECIFIED FOR ENCLOSURE.
15. CONSTRUCTION DOCUMENTS REPRESENT THE CONSULTANT' S DESIGN INTENT, IT IS NOT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO IDENTIFY EACH AND EVERY DETAIL OF THE ELECTRICAL CONSTRUCTION. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM.
16. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION OF DEVICES. THE ELECTRICAL CONTRACTOR SHALL MAKE ADJUSTMENTS IN FIELD TO MATCH ACTUAL EQUIPMENT BEING INSTALLED. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
17. ITEMS OF SPECIFIC MANUFACTURERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND/OR MANUFACTURER'S REPRESENTATIVE'S DIRECTIONS. ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.
18. THE PLANS REFLECT SYSTEM VOLTAGES DROP AS PER 2020 FBC ENERGY CONSERVATION FBC-EC C405.5.3 - SEVENTH EDITION, THE CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5 PERCENT VOLTAGE DROP TOTAL AT DESIGN LOAD.
19. ELECTRICAL CONDUIT ROUTING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PRIOR INSTALLATION TO AVOID CLASHES.

## A4 KEYED NOTES

SCALE: NOT TO SCALE

1010. CONNECT PROPOSED CONDUIT AND CIRCUIT TO EXISTING PULL BOX
1011. ADJUST EXISTING PULL BOX TO GRADE

GREATER ORLANDO AVIATION AUTHORITY

**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

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Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | OUC CHANGE |

Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | CLR, SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

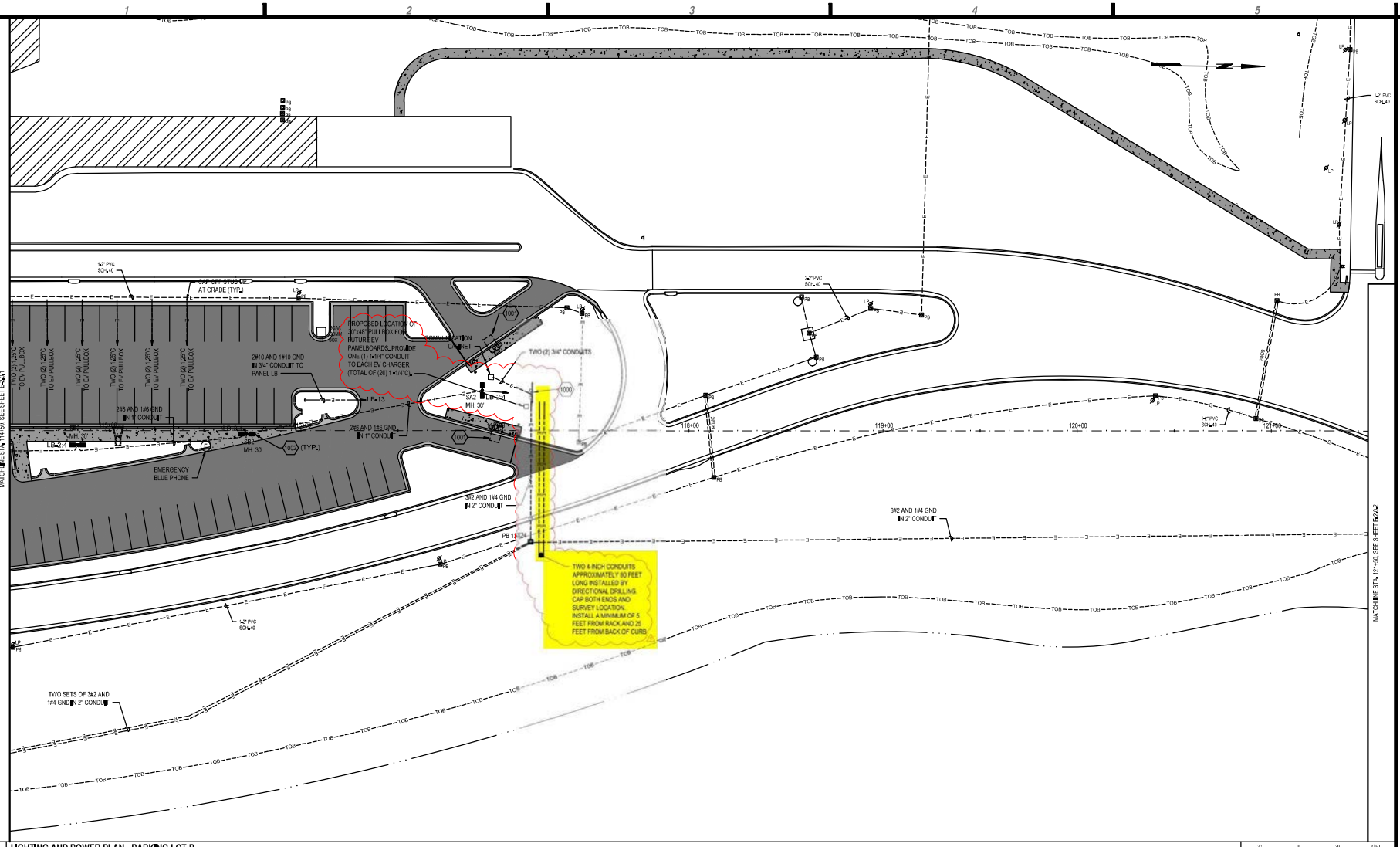
Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT B**

Drawing No.:

E-2.0.2

Date: JUN 20, 2023 ■ Time: 2:06 pm ■ Plotted By: asosa
Drawing File: P:\Projects\34 ■ GOAA\34#027001 ■ BP#S00199 Parking Lot\Design\CAD\SP\Sheet Files\BPS00199_ALT SEQ SHEETS.dwg




## B1 LIGHTING AND POWER PLAN - PARKING LOT B

SCALE: 1" = 20'

1. INSTALLATION SHALL CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING CODE (7TH EDITION), AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
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4. ALL DISCONNECTS SHALL HAVE A GROUND BAR. ALL DISCONNECTS SHALL BE CLEARLY LABELED WITH THE NAME AND LOCATION OF THE EQUIPMENT THAT THEY SERVE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED SUCH THAT THERE IS SUFFICIENT CLEAR SPACE FOR MAINTENANCE. PROVIDE MINIMUM NEC WORKING CLEARANCE IN FRONT OF ALL PANELBOARDS, SWITCHES, ETC PER NEC CODE 110.26.
6. ALL ELECTRICAL PANELS, DISCONNECTS AND TERMINAL CABINETS SHALL BE IDENTIFIED WITH A PERMANENTLY AFFIXED NAME PLATE INDICATING VOLTAGE, AMPERES, MANUFACTURER, MODEL NUMBER AND THE NAME AND THE LOCATION OF THE EQUIPMENT THAT THEY SERVE.
7. UNDERGROUND CONDUIT SHALL BE PVC SCH. 40 OR HDPE, UON. UNDERGROUND CONDUIT SHALL TRANSITION TO RGS CONDUIT WITH RGS TO PVC FITTINGS. CONDUIT SHALL BE RGS ABOVE GRADE THROUGH AND INCLUDING THE FIRST 90° FITTING UNDERGROUND, UON. APPLY 2-COAT BITUMASTIC COATING TO DIRECT BURIED PORTION OF RGS CONDUIT, UP TO AND INCLUDING 6" ABOVE FINAL GRADE.
8. UNDERGROUND CONDUITS SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE, UON.
9. ALL RACEWAYS SHALL BE RUN IN NEAT AND WORKMAN-LIKE MANNER AND SHALL BE PROPERLY SUPPORTED.
10. ALL RACEWAY SYSTEMS SHALL HAVE A MAXIMUM OF (4) 90-DEGREE BENDS BETWEEN PULL BOXES.
11. PROVIDE A PULL STRING IN ALL EMPTY CONDUIT RUNS.
12. FLEXIBLE CONDUIT CONNECTIONS TO EQUIPMENT SHALL BE LIMITED TO 6'-0" IN LENGTH OR TO BE SUPPORTED PER NEC.
13. JUNCTION AND PULL BOXES SHALL BE SIZED WITH AT LEAST 50% MORE CAPACITY ABOVE AND BEYOND THE MINIMUM REQUIRED BY THE NEC.
14. PROVIDE WATERTIGHT CONDUIT HUB FITTINGS FOR ALL CONDUITS ENTERING/EXITING ENCLOSURE TO MAINTAIN NEMA RATING AS SPECIFIED FOR ENCLOSURE.
15. CONSTRUCTION DOCUMENTS REPRESENT THE CONSULTANT'S DESIGN INTENT. IT IS NOT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO IDENTIFY EACH AND EVERY DETAIL OF THE ELECTRICAL CONSTRUCTION. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEM.
16. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION OF DEVICES. THE ELECTRICAL CONTRACTOR SHALL MAKE ADJUSTMENTS IN FIELD TO MATCH ACTUAL EQUIPMENT BEING INSTALLED. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
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18. THE PLANS REFLECT SYSTEM VOLTAGES DROP AS PER 2020 FBC ENERGY CONSERVATION FBC§EC C405.2.3 • SEVENTH EDITION. THE CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5 PERCENT VOLTAGE DROP TOTAL AT DESIGN LOAD.
19. ELECTRICAL CONDUIT ROUTING IS SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PRIOR INSTALLATION TO AVOID CLASHES.

## A1 GENERAL NOTES

SCALE: NOT TO SCALE

1000. PROPOSED LOCATION OF ELECTRICAL EQUIPMENT AND MOUNTING RACK. REFER TO SHEET E-0.0.1 FOR ONE-LINE DIAGRAM, REFER TO SHEET E-0.0.1 FOR ELECTRICAL RACK DETAILS.
1001. GATE CANOPY. REFER TO DETAIL ON SHEET E-2.0.2.
1002. POLE LIGHT. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-0.0.1 FOR INFORMATION. REFER TO POLE DETAIL ON SHEET E-2.0.1.

## A4 KEYED NOTES

SCALE: NOT TO SCALE

GREATER ORLANDO AVIATION AUTHORITY

**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

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Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | EV CHARGER UPDATE |

Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | D.R. SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

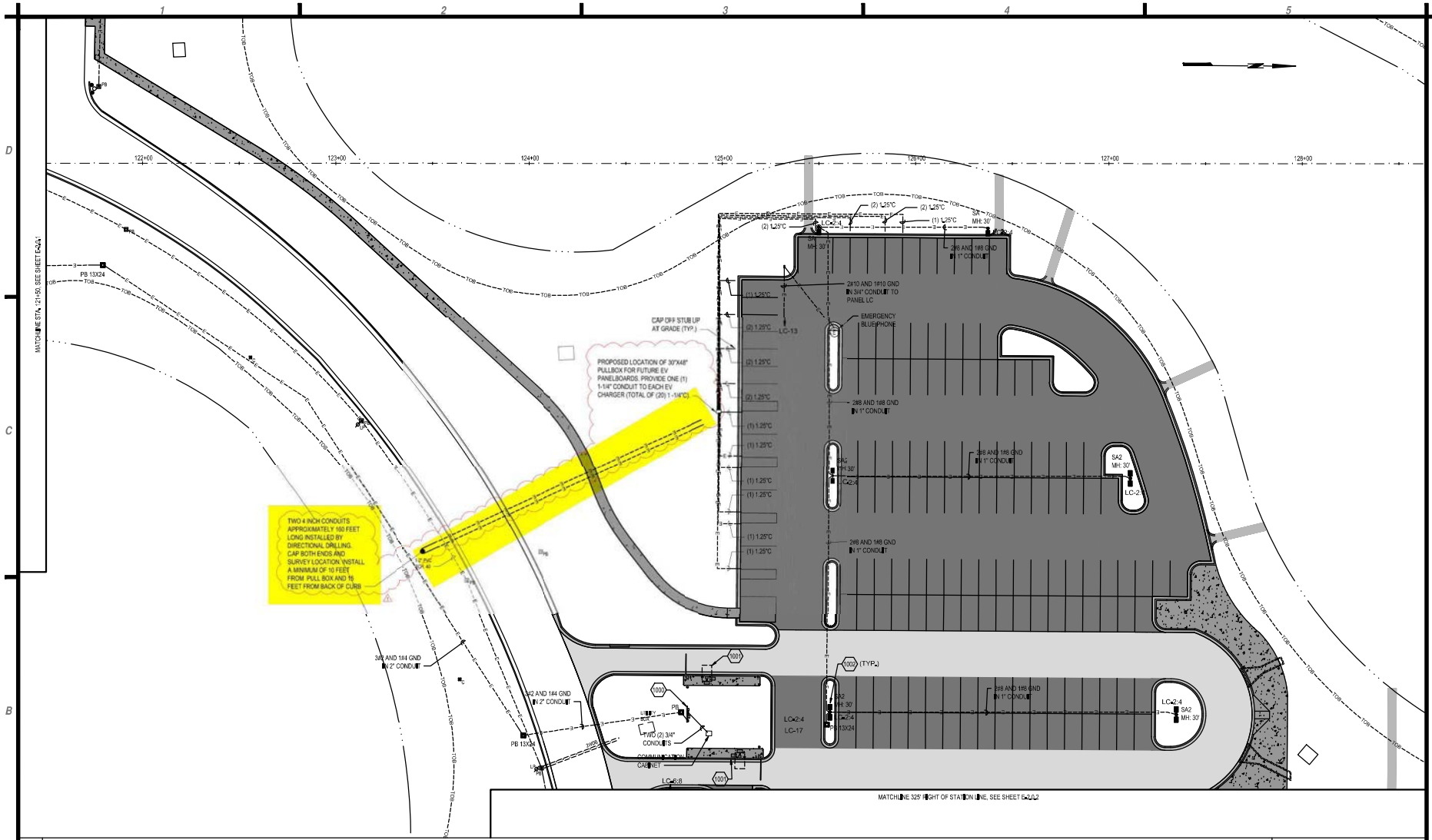
Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT B**

Drawing No.:

E-2.0.3


Date: JUN 20, 2023 • Time: 3:00 pm • Plotted By: jacosa
Drawing File: P:\Projects\34 • GOAA\34-BP-S00199 Train Parking Lot\Design\CAD\SP\Sheet Files\BP-S00199_ALT SET E-2.0.3.dwg




## B1 LIGHTING AND POWER PLAN - PARKING LOT C2

SCALE: 1" = 20'

1. INSTALLATION SHALL CONFORM TO THE 2017 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING CODE (7TH EDITION), AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
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## A1 GENERAL NOTES

SCALE: NOT TO SCALE

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1001. GATE CANOPY. REFER TO DETAIL ON SHEET E-7.0.2.

1002. POLE LIGHT. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-2.0.1 FOR INFORMATION. REFER TO POLE DETAIL ON SHEET E-7.0.1.

## A4 KEYED NOTES

SCALE: NOT TO SCALE

GREATER ORLANDO AVIATION AUTHORITY

**BP-S00199, TRAIN STATION PASSENGER DROP-OFF PARKING LOT (D/B)**

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Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 07-05-2023 | EV CHARGER UPDATE |

Key Plan

| | |
|---|---|
| Project No.: | BP-S00199 |
| Designed By: | S. CAO |
| Drawn By: | S. CAO |
| Checked By: | CLR, SAUNDERS |
| Issue Date: | JUNE 2023 |
| Drawing Scale: | 1" = 20' |

Drawing Title:

**LIGHTING AND POWER PLAN - PARKING LOT C2**

Drawing No.:

E-2.0.4


Date: JUL 20, 2023 ■ Time: 2:53 pm ■ Plotted By: asosa
Drawing File: P:\Projects\34 ■ GOAA\Bid\27001 ■ BP-S00199 Parking Lot\Design\CAD\SHEET FILES\BP-S00199_ALT SEQ SHEETS.dwg

## BPS-199 - Item 2 OAR Estimate

| | | Takeoff Quantity | | UOM | | Material Unit Cost | | Material Cost | | Labor Unit | Labor Cost | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **01 General Requirements** | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| **GOAA Train Station** | | | | | | | | | | | | |
| **Variable Message Boards** | **Low-Voltage** | | | | | | | | | | | |
| | Variable Message Boards | 42.00 | | LS | | $ 42.00 | | $ 1,764.00 | | | | |
| | Traffic Barrels | 42.00 | | Day | | $ 2.50 | | $ 105.00 | | | | |
| | | | | | | | | | | | | |
| | **Electrical** | | | | | | | | | | | |
| | Materials | | | | | | | | | | | |
| | Labor | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | **Subtotals** | | | | | | | $ 1,869.00 | | | $ - | |
| | | | | | | *6.5% Sales Tax* | | | | | | |
| | | | | | | | | *$ 1,869.00* | | | Material +Tax | $ 1,869.00 |
| | | | | | | | | | | | Labor Cost | $ - |
| | | | | | | | | | | GC Mark-Up | 10%OH | $ 534.00 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | Total Cost Work | $ 2,403.00 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Jamie McGonagill
OAR Project Manager
Geotech Consultants International Inc. (GCI) on behalf of
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, FL 32824

November 21, 2023

**Re: GOAA BP-S00199 Train Station PDL Parking Lots Design-Build - Shared Use Path Limerock Credit and Other Changes RCO**

Dear Mr. McGonagill,

The Middlesex Corporation (TMC) hereby provides a credit of **($14,941)** for using GOAA's reclaimed limerock in lieu of virgin limerock for the stabilized subgrade of the "Shared Use Path" connecting Surface Lot 1 to the South APM building.

The above pricing is based on the following:

- Credit for purchase and hauling of 930 TN of limerock
- Additional labor and equipment to load and haul the reclaimed limerock taken from GOAA's stockpile
- Additional labor and equipment to grade the increased area of Surface Lot 1 to accommodate the Shared Use Path (see attached comparison sheet for quantities)
- Additional asphalt paving of the increased area of Surface Lot 1 (see attached comparison sheet)
- Qualifications:
  - Excludes pricing to furnish and install the truck wheel stops
  - Excludes pricing to furnish and install traffic delineators

If you have any questions about the above proposal, please feel free to call me at 978-501-2358.

Sincerely,

THE MIDDLESEX CORPORATION

Peter Donkor
Project Manager
Cc. Neil Mulrooney – Sr. VP of Construction
Cary Strzepek – Project Executive7/13/
Jake Shumway – Assistant Project Manager
Francis Stella - Assistant Project Manager

| THE MIDDLESEX CORPORATION<br>10801 Cosmonaut Blvd<br>Orlando, FL 32824<br>Ph: (407) 206-0077 Fax: (407) 206-3559 | Project Description<br>Confidential Financial Proprietary Information Exempt From Public Records law Pursuant To Chapter 119 And Florida Statute S.815.045, Pricing Specific To The OIA South Terminal Project And May Not Be Used Against Subcontractor On Any Future Project At GOAA Or Elsewhere. | GOAA | TMC Project: | 2130 |
|---|---|---|---|---|
| DESCRIPTION OF WORK / DELAY: BP-S00199 GOAA Train Station PDL Parking Lots - Shared Use Path Limerock Credit and Other Changes | | ($14,924) | Contract: | BP-S-00199 |
| | | | Date: | 11/21/2023 |

| LABOR | | | | | | EQUIPMENT | | | | | | MATERIAL | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT | DESCRIPTION | QTY | TOTAL HOURS | RATE | AMOUNT | | DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT | |
| | Loading and Delivering Limerock from Stockpile | | | | | | | | | | | Loading and Delivering Limerock from Stockpile | | | | | |
| | Oper - Loader | 1 | 30 | 38.46 | $ 1,153.80 | Loader - CAT 938 - 3.65 CY | 1 | 30 | 58.87 | $ 1,766.10 | | Limerock Material - Bedrock Resources | -930 | TN | $ 14.53 | $ (13,512.90) | |
| | Truck Driver | 1 | 30 | 37.56 | $ 1,126.80 | Truck - Tri-Axle Dump - 400 HP | 1 | 30 | 88.38 | $ 2,651.40 | | | | | | $ - | |
| | | | | | | | | | | | | | | | | $ - | |
| | Additional Grading due to Expansion of Lot C2 for | | | | | | | | | | | Additional Grading due to Expansion of Lot C2 for | | | | | |
| | Crew Leader | 1 | 5 | 65.84 | $ 329.20 | Truck - 1/2 Ton | 1 | 5 | 17.69 | $ 88.45 | | | | | | | |
| | Oper - Dozer | 1 | 5 | 42.01 | $ 210.05 | Dozer - CAT (D3) 74 hp | 1 | 5 | 102.93 | $ 514.65 | | | | | | | |
| | Oper - Loader | 1 | 5 | 38.46 | $ 192.30 | Loader - CAT 938 - 3.65 CY | 1 | 5 | 58.87 | $ 294.35 | | | | | | | |
| | Oper - Excavator | 1 | 5 | 42.01 | $ 210.05 | Excavator - CAT 349 - 40 to 50 MT | 1 | 5 | 174.30 | $ 871.95 | | | | | | | |
| | Truck Driver | 1 | 5 | 37.56 | $ 187.80 | Truck - Tri-Axle Dump - 400 HP | 1 | 5 | 88.38 | $ 441.90 | | | | | | | |
| | Laborer - Skilled | 1 | 5 | 31.14 | $ 155.70 | | | | | | | | | | | | |
| | | | | | | | | | | | | Material Subtotal | | | | $ (13,512.90) | |
| | | | | | | | | | | | | Orange County Tax (Surcharge 6.5% up to 5,000) | | $ - | 6.50% | $ (878.34) | |
| | | | | | | | | | | | | Sales Tax - Over $5,000 | | | | | |
| | | | | | | | | | | | | | | | Material Total | $ (14,391.24) | |
| | | | | | | | | | | | | | | Markup: | 8% | $ (1,151.30) | |
| | | | | | | | | | | | | | | | TOTAL MATERIAL COSTS: | $ (15,542.54) | |
| | | | | | | | | | | | | SUBCONTRACTOR / OUTSIDE SERVICE | | | | | |
| | | | | | | | | | | | | DESCRIPTION | QTY | UM | UNIT PRICE | AMOUNT | |
| | | | | | | | | | | | | Hauling Credit | | | | | |
| | | | | | | | | | | | | Sunrise Hauling - Limerock | (930) | TN | $ 12.75 | $ (11,857.50) | |
| | | | | | | | | | | | | Middlesex Paving - Additional Asphalt | | | | | |
| | | | | | | | | | | | | Asphalt | 9 | TN | $ 175.00 | $ 1,575.00 | |
| | | | | | | | | | | | | | | | | $ - | |
| | | | | Labor Subtotal | $ 3,565.70 | | | | Equipment Subtotal | $ 6,628.80 | | | | | Subcontractor / Out Service Subtotal | $ (10,282.50) | |
| | | | | Markup: 15.00% | $ 534.86 | | | | Markup: 15.00% | $ 994.32 | | | | | Markup: 8.00% | ($822.60) | |
| | | | | TOTAL LABOR COSTS: | $ 4,100.56 | | | | TOTAL EQUIPMENT COSTS: | $ 7,623.12 | | | | | TOTAL SUBCONTRACTOR / OUTSIDE SERVICE COSTS: | $ (11,105.10) | |

Additional Notes / Description:

| TOTAL AMOUNTS | |
|---|---|
| LABOR | $4,100.56 |
| EQUIPMENT | $7,623.12 |
| MATERIALS | ($15,542.54) |
| SUBCONTRACTORS / OUTSIDE SERVICES | ($11,105.10) |
| SUB-TOTAL | ($14,923.96) |
| Bond | |
| TOTAL | ($14,923.96) |


OLD VS NEW GEOMETRY
Added area of pavement: 163.35 sf + 803.19 sf ~ 965 SF
Added HMA: 965 SF x 1.5"/12*145 lb/cf /2000 ~ 9 tons
Added Limerock: 965 SF x 8"/12 / 27 ~ 24 CY
Added subgrade stabilization: 965 SF or 107 SY
803.19 sf
EXIT

# ASPHALT BY MIDDLESEX PAVING

3/28/2023 10:17:40AM

# PROPOSAL

## RCO NOTES

ASPHALT PAVIING
9 TN @ $175/TN = **$1,575.00 ADDITION**

-23 ✓JP 3-28

Fax: (407) 206-3559

| | | | |
|---|---|---|---|
| Submitted To: | TMC FL (Construction)<br>10801 Cosmonaut Blvd.<br>Orlando, FL 32824 | Job Name: | GOAA TRAIN STATION PARKING |
| | | Proposal No.: | PAV7986R1 |
| Phone: | 1-407-206-0077 | Middlesex Contact: | Anthony Landry |
| Fax: | 1-407-206-3558 | | |
| Attention: | | | |

Proposal includes up to 2 Paving Mobilization(s).
Proposal is based on Completion by October, 2023.

| ITEM | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|---|---|---|---|---|
| | Paving schedule is subject to availability and allocation of incoming aggregate deliveries for asphalt production schedule. | | | | |
| | **BASE BID (Lots A & B)** | | | ✓ | |
| | MOBILIZATION | 1.00 | LS$ | 40,000.00 | 40,000.00 |
| Lot A | ASPHALT PAVING, 1.5" (1 LIFT) SP-12.5 C | 860.00 | TN | ✓ 175.00 | 150,500.00 |
| Lot B | ASPHALT PAVING, 1.5" (1 LIFT) SP-12.5 C | 828.00 | TN | ✓ 175.00 | 144,900.00 |
| | **SUBTOTAL BASE BID:** | | | | **335,400.00** |
| | **ALTERNATE (Lot C2)** | | | | |
| Lot C | ASPHALT PAVING, 1.5" (1 LIFT) SP-12.5 C | 755.00 | TN | ✓ 175.00 | 132,125.00 |
| Lot C - Bus Loop | ASPHALT PAVING, 3" (2 LIFT) SP-12.5 C | 540.00 | TN | ✓ 175.00 | 94,500.00 |
| | **SUBTOTAL for ALTERNATE** | | | | **226,625.00** |
| **GRAND TOTAL** | | | | | **$562,025.00** |

5-6 days

4-5 days

**NOTES:**

ACCEPTANCE OF PROPOSAL:
This proposal and pricing is accepted by the following signature with agreement to all notes and clarifications as stated herein.

Company Name: _____

Accepted By: _____ Date of Acceptance: _____
Authorized Representative's Signature

Printed Name: _____

MOBILIZATIONS
* If additional paving mobilizations are required exceeding those noted above then an added charge of $5,500 will be required

# HAULING BY SUNRISE HAULING & EXCAVATION

## SUNRISE HAULING & EXCAVATING INC.

PROPOSAL / CONTRACT

345 Enterprise Street
Ocoee, FL 34761
Phone:(407) 775-1401
Fax: (407) 395-2331

RAF 3.16.23

SUNRISE HAULING & EXCAVATING INC.

**Date:** March 13, 2023
**Estimate Number:** 22420232
**Customer Name:** Middlesex Corporation
ADDRESS: 10801 Cosmonaut Blvd
CITY/STATE/ZIP: Orlando, Fl 32824 Florida
PHONE: 407-757-1579
E-MAIL: rfirmi@middlesex.com

**PROJECT**
**GOOA BP-S00199 Train Station**

**LOCATION**
**Orlando Airport**
**Orlando Fl.**

**PAYMENT TERMS**
Net 30

**PREPARED BY:**
Alberto Puentes
Regional Sales Manager
sunrisehaulingestimating@gmail.com
Mobile (407)714-0970

MINORITY CERTIFY M.B.E./LDB, ORLANDO AVIATION, ORANGE COUNTY, MWBE CITY OF ORLANDO, DBE/F-DOT

| QTY | DESCRIPTION | PIT LOADING | DELIVERY LOCATION | HAUL ONLY | TOTAL DELIVERED PRICE |
|---|---|---|---|---|---|
| Cy | Fill Material Delivered | BB Marsh Rd, Clermont | OIA Train Station | 9.50 Cy | 14.75 Cy 5.25 |
| Cy | Clay Material Delivered | Mid Fl Materials | OIA Train Station | 9.50 Cy | 16.95 Cy 7.45 |
| Tn | Limerock Material Delivered | Cemex Center Hill | OIA Train Station | 12.75 Tn ✓ | 26.95 Tn 14.20 ✓ |
| Tn | DOT #57 Stone Material Delivered | Cemex Cocoa Yard | OIA Train Station | 15.75 Tn ✓ | 58.95 Tn 43.20 ✓ |
| Hr | Hourly On Site Hauling | OIA Train Station | OIA Train Station | | 70.00 Hr ✓ |
| Hr | Hourly Demo Hauling | OIA Train Station | Crusher | | 85.00 Hr ✓ |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Fuel Escalation charge of 3% for every 7cents increase from start through duration of Job. Verified by eia.gov lower atlantic fuel website | | | | |

## RCO NOTES

HAULING LIMEROCK FROM BEDROCK RESOURCES
**930** TN @ $12.75/TN = **$11,857.50 (CREDIT)**

*MATERIAL BASED ON AVAILABILTY - Rates based on 10 hour dump days*

NOTE: ALL Rates based on service upon truck availabilty and/or loading condions at the quarry. Upon acceptance of proposal and before placement of order(s). Please sign and return to our office along with NTO or bond informationvia email. **Plese note that before ordering service for any project you must submit a Notice of Commencement stating all the legal description for that particular project.** Fuel Escalation above, Verified by eia.gov lower atlantic fuel website Please remember that acceptance of proposal **does not** represent an order. To place an order you must contat our office or dispatcher with at leaset one day notice. Prices are subject to change if rate(s) increase from the quarry and or change at the dump site(s). Hauling rates are subject to change depending on current fuel prices. Validation of quoted pricing is subject to proposal being accepted and returned with signature within 30 days of sending date.

**SPECIAL PROVISIONS: Prices Quoted are US Tons (Not Metric) Prices Quoted Do Not Allow Retainage**

**PAYMENT TO BE MADE AS FOLLOWS: NET 30**

All work is done with the understanding that the customer is fully responsible to verify that all labor, materials, quantities, equipment, time and all other work furnished meets the requirements of the job stated above. Upon customer satifaction, customer and/or authorized persons will acknowledge by signing the delivery tickets for all work/materials furnished. after the signing of the delivery tickets, customer is fully liable for all work state thereon. There will be no credits issured and no dicrepancies after signing of said tickets. All agreements are contingent upon strikes, accidents, acts of God or delays beyond our control. This proposal is acceptable within 30 days and is void thereafterat the option of the undersigned. In the event it becomes necessary for Sunrise Hauling & Excavating Inc. to engage the service of an attorney to collect any sums due under this contract, the customer will pay reasonable attorney's fees and all costs in making such collection.

**Sign Below to Accept Proposal:**

Authorized Rep _____ Date _____

## BP-S199- CO 8 OAR Estimate - Item #3

| | | Takeoff Quantity | UOM | | Material Unit Cost | | Material Cost | | Labor Unit | Labor Cost | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **01 General Requirements** | | | | | | | | | | | |
| | | | | | | | | | | | |
| **GOAA PDL Parking Lots** | | | | | | | | | | | |
| **Added Pavement** | **General Contractor** | | | | | | | | | | |
| | Asphalt | 9.00 | TN | | $ 175.00 | | $ 1,575.00 | | | | |
| **Limerock credit** | limerock | 930.00 | TN | | $ (14.53) | | $ (13,512.90) | | | | |
| **Limerock credit** | hauling | 930.00 | TN | | $ (12.75) | | $ (11,857.50) | | | | |
| | | | | | | | | | | | |
| **Labor** | Load & haul limerock millings | 80.00 | HRS | | | | | | $ 38.00 | $ 3,040.00 | |
| | Grading, compacting | 24.00 | HRS | | | | | | $ 38.00 | $ 912.00 | |
| | Supervision | 5.00 | HRS | | | | | | $ 65.00 | $ 325.00 | **$ 4,277.00** |
| | | | | | | | | | | | |
| **Equipment** | Loader | 32.00 | HRS | | | | | | $ 58.00 | $ 1,856.00 | |
| | Excavator | 8.00 | HRS | | | | | | $ 175.00 | $ 1,400.00 | |
| | Dump Truck | 40.00 | HRS | | | | | | $ 89.00 | $ 3,560.00 | |
| | Pickup | 8.00 | HRS | | | | | | $ 18.00 | $ 144.00 | **$ 10,376.00** |
| | | | | | | | | | | | |
| | **Subtotals** | | | | | | $ (23,795.40) | | | | |
| | | | | | *6.5% Sales Tax* | | *$ (1,546.70)* | | | | |
| | | | | | | | *$ (25,342.10)* | | | Material +Tax | $ (25,342.10) |
| | | | | | | | | | | | |
| | | | | | | | | | | Labor w/Burden | $ 4,277.00 |
| | | | | | | | | | | | |
| | | | | | | | | | | Equipment | $ 10,376.00 |
| | | | | | | | | | | | $ (10,689.10) |
| | | | | | | | | | Sub -Mark -up 15% | | $ (1,603.37) |
| | | | | | | | | | | | $ (12,292.47) |
| | | | | | | | | | GC MU 10% | | $ (1,229.25) |
| | | | | | | | | | | | |
| | | | | | | | | | | **Total Cost Work** | **$ (13,521.71)** |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |

GREATER ORLANDO AVIATION AUTHORITY
Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

# CHANGE ORDER AGENDA
# FOR CONSTRUCTION COMMITTEE

| CHANGE ORDER NO. 01 | AMOUNT $32,943.24 | Extension Of Time (Subst.): 0 Days |
|---|---|---|
| | | Extension Of Time (Final): 0 Days |

| | | |
|---|---|---|
| CONTRACT NO. & DESCRIPTION: | V-00981 Hyatt 4th Floor Water Heater Piping Repair | DATE: 12/05/23 |
| CONTRACTOR: | Gomez Construction Company | |
| A/E: | SGM Engineering | |

DESCRIPTION OF CHANGE TO CONTRACT:

**Item #1 (RCO 1):** Provide all labor, materials, and equipment to change new copper pipe, fittings, and valves from 1 ¼" to 1 ½", at 19 riser locations, to match the existing piping, per RFI 4, and install an additional 229 linear feet of 2" type K copper main pipe, including pipe supports, insulation, fittings, and riser connections in the hotel lobby area. This change includes a credit for the 1¼" copper pipe that was changed to 1½".
**Add: $32,943.24**

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

REASON FOR CHANGE:

**Item #1: Unforeseen Condition.** The project design drawings were based on previous as-built drawings, and identified some of the existing riser pipe to be 1¼", however field investigation found 19 riser locations that were actually 1½". To ensure proper connection and water flow, these fittings need to be revised to 1½" to match original installation. In addition, during field investigation, a second 2" hot water main was found above the Hyatt lobby area that needs to be changed out due to the condition of the pipe. This second line was not shown on the design drawings, which were based on previous as-built drawings.

SOURCE OF FUNDS: Funding is from previously approved Hyatt Hotel Fund 501550

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

EXPLAIN:

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

| | | |
|---|---|---|
| Contractor's Original RCO Submission | $ **45,987.78** | |
| GOAA/OAR Estimate | $ **33,465.41** | |
| (a) Change Contract Amount By | | **$ 32,943.24** |
| (b) Amount of Associated Additional A/E Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (c) Amount of Associated Additional OAR Fees | (Not for Approval / For Info. Only) | $ 0.00 |
| (d) Total Cost Impact of this Change (d = a + b + c) | | **$ 32,943.24** |

| | | |
|---|---|---|
| Is there any potential backcharge to the A/E? Yes ☐ No ☒ | Omissions | $ 0.00 |
| | Errors | $ 0.00 |

PREPARED BY: Jamie McGonagill, GCI PHONE: X6565

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

| GOAA's CEF Consultant | Date Received: | Date Review Completed: | Initials of Reviewer: | Verification of Funding by CF |
|---|---|---|---|---|
| ANSER ADVISORY | 11/21/2023 | 11/29/2023 | ZTG | VHinds - 11/29/23 |



CC
ITEM III-E
12/5/2023

Gomez Construction Company
750 Jackson Avenue
Winter Park, Florida 32789
407-628-4353 phone
407-645-2499 fax

10.3.23

# V-00981 Hyatt 4th Floor Water Heater Piping Replacement

**Summary of Work Included:**

Plans call for all piping to be 1 1/4" per RFI #4 we are to match field conditions, there are 19 locations out of the 58 these are all noted on the As-Built Plans. The piping at these locations changed from 1 1/4" to 1 1/2". This requires diffent size tees ranginf from 4 x 1 1/2 to 2 x 1 1/2.
This requires new copper piping new 90's and 45's, new hangers, new insulation and a restocking fee for all the old 1 1/4 fittings, pipe and insualtion
The lobby area included over 200 feet of 2" K copper, tees, 90's 45's and a couple tees. This also added insulation, hangers, anchors, and threaded rod. The configuation in the lobby is completely changed from original plans and requied us to change some routing as well. Also, additional labor was required.

| Code | Description of the Item | Est. QTY | Unit | Unit Cost | Total Cost | Subcontractor / Supplier |
|---|---|---|---|---|---|---|
| 1000 | GCC Project Support Equipment | 1 | LS | 0.00 | $ - | GCC |
| 1220 | GCC Labor Support | 1 | LS | 0.00 | $ - | GCC |
| 1230 | Project Manager | 1 | LS | 0.00 | $ - | GCC |
| 1231 | GCC Superintendent | 1 | LS | 0.00 | $ - | GCC |
| 1017 | | 1 | LS | 0.00 | $ - | C&S |
| | | 1 | LS | 0.00 | $ - | |
| | GCC Subtotal | | | | $ - | |
| | GCC Mark-Up | 12% | | | $ - | |
| | **TOTAL GCC** | | | | **$ -** | |
| | | | | | | |
| | **Scope of work** | | | | | |
| 1 | Plumbing scope attached | 1 | LS | $ 30,503.00 | $ 30,503.00 | SR Plumbing |
| 2 | | 1 | LS | $ - | $ - | |
| 3 | | 1 | LS | $ - | $ - | |
| | | 1 | LS | $ - | $ - | |
| | Subtotal Subcontractors | | | | $ 30,503.00 | |
| | GCC Mark-Up | 8% | | | $ 2,440.24 | |
| | **Total Subcontractors** | | | | **$ 32,943.24** | |
| | Subtotal GCC & Subcontractors | | | | $ 32,943.24 | |
| | Bond Adjusted in Final Change Order | | | | $ - | Adjusted in Final CO |
| | **Grand Total Building Costs with Allowances** | | | | **$ 32,943.24** | |

Notes
1
2

| | MWBE/LDB Subcontractors | % of Contract | Subcontract Amount |
|---|---|---|---|
| 1 | SR Plumbing | 92.59% | $ 30,503.00 |
| 2 | | 0.00% | $ - |
| | **Total Amount MWBE Subcontractors** | 92.59% | $ 30,503.00 |

| | | | | | |
|---|---|---|---|---|---|
| | **GCC Project Support** | | | | |
| 01231 | GCC Superintendent | 0 | WKS | 2,500.00 | $ - |
| 1230 | GCC Project Manager | 0 | WKS | 2,800.00 | $ - |
| 01220 | GCC Labor Support | 0 | WKS | 1,024.00 | $ - |
| | **GCC Project Support Equipment** | | | | |
| 01234 | Truck | 0 | MO | 800.00 | $ - |
| 01514 | Telephone | 0 | MO | 500.00 | $ - |
| 1518 | Temp Toilet | 0 | MO | 250.00 | $ - |
| 01720 | Cleaning and temporary protection | 0 | days | 300.00 | $ - |
| 01732 | Dumpsters | 0 | EA | 475.00 | $ - |
| | | | | Total | $ - |

*Commercial – Residential – Plumbing*

# CHANGE ORDER

September 26, 2023

Change Order No. 1B

To: Gomez Construction
750 Jackson Ave.
Winter Park, Fl 32789

Proj: Hyatt 4th floor hot water line replacement

**RE: REPLACING FITTINGS AND PIPE TO MATCH FIELD CONDITIONS AND CREDIT FOR ALL 1 ¼ FITTINGS, PIPE VALVES AND TEES.**

**S R Plumbing**, a *Certified Minority Woman Business Enterprise & LDB certified,* hereby proposes to furnish labor, material, and equipment to perform the plumbing work on the above listed project for the following sums and considerations.

**QUOTE INCLUDES**: Replacing all 1 ¼ fittings, Pipe, valves, and tees with 1 ½ fittings, pipe, valves, and tees to match field conditions. Plans showed multiple 1 ¼ connections that are actually 1½ connections. This also includes new routing for lobby area water mains. New HWR mains will be installed parallel to existing pipe routing.

Credit for all 1-1/4" pipe, fitting, insulation, and ball valve -------<$18,257.00>
Add for 1-1/2" pipe, fitting, insulation, valve, and new routing------$48,760.00.

Please Issue a Change Order to the Contract w/an addition of: $30,503.00

**S R Plumbing**
Subcontractor
BY _____ DATE _____

**Gomez Construction**
Builder / Owner
BY _____ DATE _____

Due to market fluctuations and other external factors beyond our control, S R Plumbing can only guarantee prices on materials and fixtures for 30 days after bid date. After 30 days we ask that you request a new bid on materials and fixtures. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the above specification involving extra costs will be executed only upon written orders and will become an extra charge overcharge over above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our Workers are fully covered by Worker's Compensation insurance. Our terms are net thirty. The customer will be responsible for any cost or fees incurred in the collection of any past due invoice, including attorney fees, and understands that past due invoices are subject to a 1.5% monthly finance charge. * While every reasonable effort is made to ensure the accuracy of this information, we are not responsible for any errors or omissions contained on this proposal. Please verify any information in question with S R Plumbing.*

# ADD

## BID RECAP SHEET

9/27/2023

Company: **SR Plumbing**
JobName: **\\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT FOUR FLC**
Bid: **Base Bid**

| PLUMBING/PIPING SUMMARY | Materials | Plumbing/Piping Labor Hours | Rate | Labor $ | Total |
|---|---|---|---|---|---|
| FastPIPE Summary | $ 25,988.05 | 299.8 | $46.00 | $13,791 | $39,779 |
| Pipe Equipment Total | $0 | w/Summary | | $0 | $0 |
| Pipe Fixtures Total | $0 | w/Summary | | $0 | $0 |
| Pipe Specialties Total | $0 | w/Summary | | $0 | $0 |
| Pipe Other Total | $0 | w/Summary | | $0 | $0 |
| Equipment | $0 | 0.0 | $32.00 | $0 | $0 |
| Fixtures | $0 | 0.0 | $32.00 | $0 | $0 |
| Other Costs | $0 | 45.0 | $50.00 | $2,249 | $2,249 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| Sub Total | $25,988 | | | $16,039 | $42,027 |

| MATERIALS | | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Materials/Equipment | | $25,988 | $3,119 | $29,107 | 12.0 % |
| Rental Equipment | | $0 | $0 | $0 | 12.0 % |
| Warranty | | $0 | $0 | $0 | 12.0 % |
| Material Escalation | | $0 | $0 | $0 | 12.0 % |
| Freight | | $0 | $0 | $0 | 12.0 % |
| | | $0 | $0 | $0 | 12.0 % |
| | | $0 | $0 | $0 | 12.0 % |
| Sub Total | | $25,988 | $3,119 | $29,107 | |
| Sales Tax | 6.5 | $1,689 | $0 | $1,689 | |
| MATERIALS TOTAL | | $27,677 | $3,119 | $30,796 | 12.0 % |

| LABOR | Hours | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Labor | 344.8 | $16,039 | $1,925 | $17,964 | 12.0 % |
| | 0.0 | $0 | $0 | $0 | 12.0 % |
| | 0.0 | $0 | $0 | $0 | 12.0 % |
| | 0.0 | $0 | $0 | $0 | 12.0 % |
| Sub Total | | $16,039 | $1,925 | $17,964 | |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| LABOR TOTAL | | $16,039 | $1,925 | $17,964 | 12.0 % |

| SUBCONTRACTS | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| Including Sales Tax | | $0 | $0 | $0 | 12.0 % |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| SUBCONTRACTS TOTAL | | $0 | $0 | $0 | 12.0 % |

| | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| SUB TOTAL less Sales Tax | | $42,027 | $5,043 | $47,071 | 12.0 % |
| Sales Tax | | | | $1,689 | |
| Bond | 0.0 % | | | $0 | |
| | | | QUOTED PRICE | $48,760 | |

ADD

# OTHER JOB COSTS

Company: **SR Plumbing**
JobName: **\\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT FOUR FI**

| | Description | Materials Plbg/Piping | Labor Hours PL Hours | Rate | Total |
|---|---|---|---|---|---|
| 1 | Permits - Plumbing | | | $35.00 | $0 |
| 2 | Permits - Mechanical | | | | $0 |
| 3 | Water Department Fees | | | | $0 |
| 4 | Meter Installation Fees | | | | $0 |
| 5 | Sewer Tap Fees | | | | $0 |
| 6 | Gas Utility Company Fees | | | | $0 |
| 7 | Vehicle Gas | | | | $0 |
| 8 | Pressure Testing | | | | $0 |
| 9 | Balancing | | | | $0 |
| 10 | Draining & Refilling | | | | $0 |
| 11 | Welding Qualification | | | | $0 |
| 12 | Temporary Water | | | | $0 |
| 13 | Trench Preparation | | | | $0 |
| 14 | Barricades | | | | $0 |
| 15 | Shoring | | | | $0 |
| 16 | Bacterial Testing | | | | $0 |
| 17 | Job Office Trailers | | | | $0 |
| 18 | Job Storage Trailers | | | | $0 |
| 19 | Job Fabrication Facility | | | | $0 |
| 20 | Utilities: Sewer, Water, Power, Phone | | | | $0 |
| 21 | Equipment Cartage | | | | $0 |
| 22 | Temporary Services & Fuel | | | | $0 |
| 23 | Ventilation | | | | $0 |
| 24 | Clean-up | | | $32.00 | $0 |
| 25 | | | | | $0 |
| 26 | Engineering | | | $50.00 | $0 |
| 27 | Drafting | | | $50.00 | $0 |
| 28 | Detailing | | | $50.00 | $0 |
| 29 | Project Manangement | | 15.0 | $50.00 | $750 |
| 30 | | | | | $0 |
| 31 | Supervision | | 30.0 | $50.00 | $1,499 |
| 32 | Material Handling | | | $32.00 | $0 |
| 33 | Delivery | | | $32.00 | $0 |
| 34 | | | | | $0 |
| 35 | Administrative Costs | | | | $0 |
| 36 | Scheduling | | | | $0 |
| 37 | Safety | | | $32.00 | $0 |
| 38 | | | | | $0 |
| 39 | Travel & Subsistence | | | | $0 |
| 40 | Tag & ID | | | $32.00 | $0 |
| 41 | Firestopping | | | $32.00 | $0 |
| 42 | | | | | $0 |
| | | $0 | 45.0 | | $2,249 |

# ADD

PipeDetail

**Company:** S R Plumbing Corp
**JobName:** \\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT.job
**Material Set:** Factor 1
**Labor Set:** Commercial
**Run Date:** 9/27/2023 17:32
**Sort Key:** By Matl Group ☐ Subtotals



| Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|
| 68 | ⅜ | Plain Threaded Rod | $ 2.20 | 1.00 | $ 2.20 | $ 149.26 | 0.02 | 1.4 | 1.00 | 1.4 |
| 136 | ⅜ | Hex Nuts | $ 0.06 | 1.00 | $ 0.06 | $ 7.89 | 0.01 | 1.9 | 1.00 | 1.9 |
| 6 | 1 | Type L Hard Copper Tube | $ 9.76 | 1.00 | $ 9.76 | $ 60.73 | 0.04 | 0.3 | 1.00 | 0.3 |
| 216 | 1½ | Type L Hard Copper Tube | $ 15.02 | 1.00 | $ 15.02 | $ 3,236.97 | 0.04 | 9.1 | 1.00 | 9.1 |
| 229 | 2 | Type L Hard Copper Tube | $ 23.41 | 1.00 | $ 23.41 | $ 5,359.61 | 0.05 | 11.2 | 1.00 | 11.2 |
| 2 | 3 | Plain Standard Clevis Hanger | $ 18.72 | 0.50 | $ 9.36 | $ 18.72 | 0.14 | 0.3 | 1.00 | 0.3 |
| 37 | 3½ | Plain Standard Clevis Hanger | $ 20.16 | 0.50 | $ 10.08 | $ 372.96 | 0.14 | 5.2 | 1.00 | 5.2 |
| 29 | 4 | Plain Standard Clevis Hanger | $ 22.51 | 0.50 | $ 11.26 | $ 326.40 | 0.15 | 4.3 | 1.00 | 4.3 |
| 6 | 1 | CTS 1-1/2 in thick Fiberglass Insulation | $ 3.56 | 1.00 | $ 3.56 | $ 22.15 | 0.06 | 0.4 | 1.00 | 0.4 |
| 216 | 1½ | CTS 1-1/2 in thick Fiberglass Insulation | $ 4.15 | 1.00 | $ 4.15 | $ 894.37 | 0.07 | 15.1 | 1.00 | 15.1 |
| 229 | 2 | CTS 1-1/2 in thick Fiberglass Insulation | $ 4.48 | 1.00 | $ 4.48 | $ 1,025.68 | 0.07 | 16.0 | 1.00 | 16.0 |
| 3 | 10 | Zeston PVC Fitting Covers 90 Ell | $ 2.98 | 1.00 | $ 2.98 | $ 8.94 | 0.14 | 0.4 | 1.00 | 0.4 |
| 78 | 11 | Zeston PVC Fitting Covers 90 Ell | $ 3.60 | 1.00 | $ 3.60 | $ 280.80 | 0.14 | 10.9 | 1.00 | 10.9 |
| 1 | 10 | Zeston PVC Fitting Covers Tee | $ 4.99 | 1.00 | $ 4.99 | $ 4.99 | 0.21 | 0.2 | 1.00 | 0.2 |
| 25 | 11 | Zeston PVC Fitting Covers Tee | $ 6.21 | 1.00 | $ 6.21 | $ 155.25 | 0.21 | 5.2 | 1.00 | 5.2 |
| 21 | 12 | Zeston PVC Fitting Covers Tee | $ 7.47 | 1.00 | $ 7.47 | $ 156.87 | 1.28 | 26.9 | 1.00 | 26.9 |
| 1 | 13 | Zeston PVC Fitting Covers Tee | $ 9.92 | 1.00 | $ 9.92 | $ 9.92 | 0.21 | 0.2 | 1.00 | 0.2 |
| 7 | 15 | Zeston PVC Fitting Covers Tee | $ 16.13 | 1.00 | $ 16.13 | $ 112.91 | 0.26 | 1.8 | 1.00 | 1.8 |
| 2 | 17 | Zeston PVC Fitting Covers Tee | $ 28.58 | 1.00 | $ 28.58 | $ 57.16 | 0.32 | 0.6 | 1.00 | 0.6 |
| 24 | 11 | Zeston PVC Fitting Covers Cap | $ 1.84 | 1.00 | $ 1.84 | $ 44.16 | 0.07 | 1.7 | 1.00 | 1.7 |
| 3 | 12 | Zeston PVC Fitting Covers Cap | $ 1.99 | 1.00 | $ 1.99 | $ 5.97 | 0.07 | 0.2 | 1.00 | 0.2 |
| 1 | 10 | Zeston PVC Fitting Covers Valve | $ 4.99 | 1.00 | $ 4.99 | $ 4.99 | 2.80 | 2.8 | 1.00 | 2.8 |
| 24 | 11 | Zeston PVC Fitting Covers Valve | $ 6.21 | 1.00 | $ 6.21 | $ 149.04 | 3.12 | 74.9 | 1.00 | 74.9 |
| 12 | 1 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 333 | 1½ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 65 | 2 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 2 | 2½ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 14 | 3 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |

ADD

PipeDetail

| Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 4 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 1 | 1 | 1-1/2 in Thick Fiberglass Joint | $ 0.29 | 1.00 | $ 0.29 | $ 0.29 | 0.00 | 0.0 | 1.00 | 0.0 |
| 50 | 1½ | 1-1/2 in Thick Fiberglass Joint | $ 0.30 | 1.00 | $ 0.30 | $ 15.00 | 0.00 | 0.0 | 1.00 | 0.0 |
| 74 | 2 | 1-1/2 in Thick Fiberglass Joint | $ 0.32 | 1.00 | $ 0.32 | $ 23.68 | 0.00 | 0.0 | 1.00 | 0.0 |
| 11 | 10 | PVC Fitting Cover Joint | $ 0.11 | 1.00 | $ 0.11 | $ 1.21 | 0.00 | 0.0 | 1.00 | 0.0 |
| 303 | 11 | PVC Fitting Cover Joint | $ 0.13 | 1.00 | $ 0.13 | $ 39.39 | 0.00 | 0.0 | 1.00 | 0.0 |
| 66 | 12 | PVC Fitting Cover Joint | $ 0.14 | 1.00 | $ 0.14 | $ 9.24 | 0.00 | 0.0 | 1.00 | 0.0 |
| 3 | 13 | PVC Fitting Cover Joint | $ 0.15 | 1.00 | $ 0.15 | $ 0.45 | 0.00 | 0.0 | 1.00 | 0.0 |
| 21 | 15 | PVC Fitting Cover Joint | $ 0.18 | 1.00 | $ 0.18 | $ 3.78 | 0.00 | 0.0 | 1.00 | 0.0 |
| 6 | 17 | PVC Fitting Cover Joint | $ 0.21 | 1.00 | $ 0.21 | $ 1.26 | 0.00 | 0.0 | 1.00 | 0.0 |
| 136 | ⅜ | Plain Washer | $ 0.04 | 1.00 | $ 0.04 | $ 5.44 | 0.01 | 1.0 | 1.00 | 1.0 |
| 68 | 1½ x2x8 | Wood Insulation Insert | $ 2.00 | 1.00 | $ 2.00 | $ 136.00 | 0.17 | 11.9 | 1.00 | 11.9 |
| 3 | 1 | Viega ProPress 90 Ell | $ 15.75 | 0.50 | $ 7.88 | $ 23.63 | 0.11 | 0.3 | 1.00 | 0.3 |
| 78 | 1½ | Viega ProPress 90 Ell | $ 60.03 | 0.50 | $ 30.02 | $ 2,341.17 | 0.13 | 9.8 | 1.00 | 9.8 |
| 1 | 1 | Viega ProPress Tee | $ 23.92 | 0.50 | $ 11.96 | $ 11.96 | 0.15 | 0.1 | 1.00 | 0.1 |
| 24 | 1½ | Viega ProPress Tee | $ 78.44 | 0.50 | $ 39.22 | $ 941.28 | 0.15 | 3.7 | 1.00 | 3.7 |
| 2 | 2 | Viega ProPress Tee | $ 96.91 | 0.50 | $ 48.46 | $ 96.91 | 0.17 | 0.3 | 1.00 | 0.3 |
| 1 | 1½ | Viega ProPress Coupling | $ 31.44 | 0.50 | $ 15.72 | $ 15.72 | 0.11 | 0.1 | 1.00 | 0.1 |
| 9 | 2 | Viega ProPress Coupling | $ 40.10 | 0.50 | $ 20.05 | $ 180.45 | 0.12 | 1.1 | 1.00 | 1.1 |
| 24 | 1½ | Viega ProPress Cap | $ 45.85 | 0.50 | $ 22.93 | $ 550.20 | 0.06 | 1.3 | 1.00 | 1.3 |
| 3 | 2 | Viega ProPress Cap | $ 55.72 | 0.50 | $ 27.86 | $ 83.58 | 0.06 | 0.2 | 1.00 | 0.2 |
| 1 | 1½ x1 | Viega ProPress Reducing Tee | $ 72.31 | 0.50 | $ 36.16 | $ 36.16 | 0.16 | 0.2 | 1.00 | 0.2 |
| 19 | 2x1½ | Viega ProPress Reducing Tee | $ 89.79 | 0.50 | $ 44.90 | $ 853.01 | 0.16 | 3.1 | 1.00 | 3.1 |
| 1 | 2½ x1½ | Viega ProPress Copper XL-C Reducing Tee | $403.30 | 0.50 | $201.65 | $ 201.65 | 0.27 | 0.3 | 1.00 | 0.3 |
| 7 | 3x1½ | Viega ProPress Copper XL-C Reducing Tee | $444.77 | 0.50 | $222.39 | $ 1,556.70 | 0.33 | 2.3 | 1.00 | 2.3 |
| 2 | 4x1½ | Viega ProPress Copper XL-C Reducing Tee | $557.45 | 0.50 | $278.73 | $ 557.45 | 0.43 | 0.9 | 1.00 | 0.9 |
| 1 | 1 | Viega 2970.10ZL Brz Press Ball Vlv w/ Mtl Handle | $ 73.56 | 0.50 | $ 36.78 | $ 36.78 | 0.11 | 0.1 | 1.00 | 0.1 |
| 24 | 1½ | Viega 2970.10ZL Brz Press Ball Vlv w/ Mtl Handle | $184.82 | 0.50 | $ 92.41 | $ 2,217.84 | 0.11 | 2.7 | 1.00 | 2.7 |
| 2 | 3x12 | Galv Insulation Prot Shield | $ 40.87 | 0.50 | $ 20.44 | $ 40.87 | 0.06 | 0.1 | 1.00 | 0.1 |
| 37 | 3½ x12 | Galv Insulation Prot Shield | $ 43.80 | 0.50 | $ 21.90 | $ 810.30 | 0.06 | 2.2 | 1.00 | 2.2 |
| 29 | 4x12 | Galv Insulation Prot Shield | $ 45.21 | 0.50 | $ 22.61 | $ 655.55 | 0.06 | 1.7 | 1.00 | 1.7 |
| 2 | 4x12 | Galv Insulation Prot Shield | $ 45.21 | 0.50 | $ 22.61 | $ 45.21 | 0.06 | 0.1 | 1.00 | 0.1 |
| 37 | 4½ x12 | Galv Insulation Prot Shield | $ 46.60 | 0.50 | $ 23.30 | $ 862.10 | 0.06 | 2.2 | 1.00 | 2.2 |
| 29 | 5x12 | Galv Insulation Prot Shield | $ 49.91 | 0.50 | $ 24.96 | $ 723.70 | 0.06 | 1.7 | 1.00 | 1.7 |
| 68 | ⅜ | Plain Wide Jaw Top C-Clamp | $ 13.07 | 0.50 | $ 6.54 | $ 444.38 | 0.07 | 4.8 | 1.00 | 4.8 |

# ADD

PipeDetail

| Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | $ 25,988.05 | | 299.8 | | 299.8 |

# CREDIT

## BID RECAP SHEET

9/27/2023

Company: **SR Plumbing**
JobName: **\\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT FOUR FLC**
Bid: **Base Bid**

**PLUMBING/PIPING SUMMARY** — **Plumbing/Piping Labor**

| | Materials | Hours | Rate | Labor $ | Total |
|---|---|---|---|---|---|
| FastPIPE Summary | $ 8,839.47 | 129.9 | $46.00 | $5,975 | $14,814 |
| Pipe Equipment Total | $0 | w/Summary | | $0 | $0 |
| Pipe Fixtures Total | $0 | w/Summary | | $0 | $0 |
| Pipe Specialties Total | $0 | w/Summary | | $0 | $0 |
| Pipe Other Total | $0 | w/Summary | | $0 | $0 |
| Equipment | $0 | 0.0 | $32.00 | $0 | $0 |
| Fixtures | $0 | 0.0 | $32.00 | $0 | $0 |
| Other Costs | $0 | 19.5 | $50.00 | $974 | $974 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| Sub Total | $8,839 | | | $6,949 | $15,788 |

**MATERIALS**

| | | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Materials/Equipment | | $8,839 | $1,061 | $9,900 | 12.0 % |
| Rental Equipment | | $0 | $0 | $0 | 12.0 % |
| Warranty | | $0 | $0 | $0 | 12.0 % |
| Material Escalation | | $0 | $0 | $0 | 12.0 % |
| Freight | | $0 | $0 | $0 | 12.0 % |
| | | $0 | $0 | $0 | 12.0 % |
| | | $0 | $0 | $0 | 12.0 % |
| Sub Total | | $8,839 | $1,061 | $9,900 | |
| Sales Tax | 6.5 | $575 | $0 | $575 | |
| MATERIALS TOTAL | | $9,414 | $1,061 | $10,475 | 12.0 % |

**LABOR**

| | Hours | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Labor | 149.4 | $6,949 | $834 | $7,783 | 12.0 % |
| | 0.0 | $0 | $0 | $0 | 12.0 % |
| | 0.0 | $0 | $0 | $0 | 12.0 % |
| | 0.0 | $0 | $0 | $0 | 12.0 % |
| Sub Total | | $6,949 | $834 | $7,783 | |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| LABOR TOTAL | | $6,949 | $834 | $7,783 | 12.0 % |

| | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| SUBCONTRACTS | Including Sales Tax | $0 | $0 | $0 | 12.0 % |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| SUBCONTRACTS TOTAL | | $0 | $0 | $0 | 12.0 % |

| | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| SUB TOTAL less Sales Tax | | $15,788 | $1,895 | $17,683 | 12.0 % |
| Sales Tax | | | | $575 | |
| Bond | 0.0 % | | | $0 | |
| | | | QUOTED PRICE | $18,257 | |

# CREDIT

## OTHER JOB COSTS

Company: **SR Plumbing**
JobName: **\\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT FOUR FI**

| | Description | Materials Plbg/Piping | Labor Hours PL Hours | Rate | Total |
|---|---|---|---|---|---|
| 1 | Permits - Plumbing | | | $35.00 | $0 |
| 2 | Permits - Mechanical | | | | $0 |
| 3 | Water Department Fees | | | | $0 |
| 4 | Meter Installation Fees | | | | $0 |
| 5 | Sewer Tap Fees | | | | $0 |
| 6 | Gas Utility Company Fees | | | | $0 |
| 7 | Vehicle Gas | | | | $0 |
| 8 | Pressure Testing | | | | $0 |
| 9 | Balancing | | | | $0 |
| 10 | Draining & Refilling | | | | $0 |
| 11 | Welding Qualification | | | | $0 |
| 12 | Temporary Water | | | | $0 |
| 13 | Trench Preparation | | | | $0 |
| 14 | Barricades | | | | $0 |
| 15 | Shoring | | | | $0 |
| 16 | Bacterial Testing | | | | $0 |
| 17 | Job Office Trailers | | | | $0 |
| 18 | Job Storage Trailers | | | | $0 |
| 19 | Job Fabrication Facility | | | | $0 |
| 20 | Utilities: Sewer, Water, Power, Phone | | | | $0 |
| 21 | Equipment Cartage | | | | $0 |
| 22 | Temporary Services & Fuel | | | | $0 |
| 23 | Ventilation | | | | $0 |
| 24 | Clean-up | | | $32.00 | $0 |
| 25 | | | | | $0 |
| 26 | Engineering | | | $50.00 | $0 |
| 27 | Drafting | | | $50.00 | $0 |
| 28 | Detailing | | | $50.00 | $0 |
| 29 | Project Manangement | | 6.5 | $50.00 | $325 |
| 30 | | | | | $0 |
| 31 | Supervision | | 13.0 | $50.00 | $649 |
| 32 | Material Handling | | | $32.00 | $0 |
| 33 | Delivery | | | $32.00 | $0 |
| 34 | | | | | $0 |
| 35 | Administrative Costs | | | | $0 |
| 36 | Scheduling | | | | $0 |
| 37 | Safety | | | $32.00 | $0 |
| 38 | | | | | $0 |
| 39 | Travel & Subsistence | | | | $0 |
| 40 | Tag & ID | | | $32.00 | $0 |
| 41 | Firestopping | | | $32.00 | $0 |
| 42 | | | | | $0 |
| | | $0 | 19.5 | | $974 |

# CREDIT

PipeDetail

**Company:** S R Plumbing Corp
**JobName:** \\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO AIRPORT.job
**Material Set:** Factor 1
**Labor Set:** Commercial
**Run Date:** 9/27/2023 17:26
**Sort Key:** By Matl Group ☐ Subtotals



| Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|
| 14 | ⅜ | Plain Threaded Rod | $ 2.20 | 1.00 | $ 2.20 | $ 30.73 | 0.02 | 0.3 | 1.00 | 0.3 |
| 28 | ⅜ | Hex Nuts | $ 0.06 | 1.00 | $ 0.06 | $ 1.62 | 0.01 | 0.4 | 1.00 | 0.4 |
| 77 | 1¼ | Type L Hard Copper Tube | $ 11.22 | 1.00 | $ 11.22 | $ 860.76 | 0.04 | 3.2 | 1.00 | 3.2 |
| 1 | 3 | Plain Standard Clevis Hanger | $ 18.72 | 1.00 | $ 18.72 | $ 18.72 | 0.14 | 0.1 | 1.00 | 0.1 |
| 13 | 3½ | Plain Standard Clevis Hanger | $ 20.16 | 1.00 | $ 20.16 | $ 262.08 | 0.14 | 1.8 | 1.00 | 1.8 |
| 1 | 1¼ | Copper Riser Clamp | $ 25.07 | 1.00 | $ 25.07 | $ 25.07 | 0.15 | 0.1 | 1.00 | 0.1 |
| 4 | 1 | CTS 1-1/2 in thick Fiberglass Insulation | $ 3.56 | 1.00 | $ 3.56 | $ 15.23 | 0.06 | 0.3 | 1.00 | 0.3 |
| 77 | 1¼ | CTS 1-1/2 in thick Fiberglass Insulation | $ 3.81 | 1.00 | $ 3.81 | $ 292.29 | 0.07 | 5.4 | 1.00 | 5.4 |
| 1 | 10 | Zeston PVC Fitting Covers 90 Ell | $ 2.98 | 1.00 | $ 2.98 | $ 2.98 | 0.14 | 0.1 | 1.00 | 0.1 |
| 22 | 11 | Zeston PVC Fitting Covers 90 Ell | $ 3.60 | 1.00 | $ 3.60 | $ 79.20 | 0.14 | 3.1 | 1.00 | 3.1 |
| 1 | 10 | Zeston PVC Fitting Covers Tee | $ 4.99 | 1.00 | $ 4.99 | $ 4.99 | 0.21 | 0.2 | 1.00 | 0.2 |
| 23 | 11 | Zeston PVC Fitting Covers Tee | $ 6.21 | 1.00 | $ 6.21 | $ 142.83 | 0.21 | 4.8 | 1.00 | 4.8 |
| 11 | 12 | Zeston PVC Fitting Covers Tee | $ 7.47 | 1.00 | $ 7.47 | $ 82.17 | 1.28 | 14.1 | 1.00 | 14.1 |
| 1 | 13 | Zeston PVC Fitting Covers Tee | $ 9.92 | 1.00 | $ 9.92 | $ 9.92 | 0.21 | 0.2 | 1.00 | 0.2 |
| 6 | 15 | Zeston PVC Fitting Covers Tee | $ 16.13 | 1.00 | $ 16.13 | $ 96.78 | 0.26 | 1.6 | 1.00 | 1.6 |
| 2 | 17 | Zeston PVC Fitting Covers Tee | $ 28.58 | 1.00 | $ 28.58 | $ 57.16 | 0.32 | 0.6 | 1.00 | 0.6 |
| 22 | 11 | Zeston PVC Fitting Covers Cap | $ 1.84 | 1.00 | $ 1.84 | $ 40.48 | 0.07 | 1.5 | 1.00 | 1.5 |
| 1 | 10 | Zeston PVC Fitting Covers Valve | $ 4.99 | 1.00 | $ 4.99 | $ 4.99 | 2.80 | 2.8 | 1.00 | 2.8 |
| 22 | 11 | Zeston PVC Fitting Covers Valve | $ 6.21 | 1.00 | $ 6.21 | $ 136.62 | 3.12 | 68.6 | 1.00 | 68.6 |
| 8 | 1 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 199 | 1¼ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 22 | 2 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 3 | 2½ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 12 | 3 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 4 | 4 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| 1 | 1 | 1-1/2 in Thick Fiberglass Joint | $ 0.29 | 1.00 | $ 0.29 | $ 0.29 | 0.00 | 0.0 | 1.00 | 0.0 |
| 13 | 1¼ | 1-1/2 in Thick Fiberglass Joint | $ 0.30 | 1.00 | $ 0.30 | $ 3.90 | 0.00 | 0.0 | 1.00 | 0.0 |
| 7 | 10 | PVC Fitting Cover Joint | $ 0.11 | 1.00 | $ 0.11 | $ 0.77 | 0.00 | 0.0 | 1.00 | 0.0 |

# CREDIT

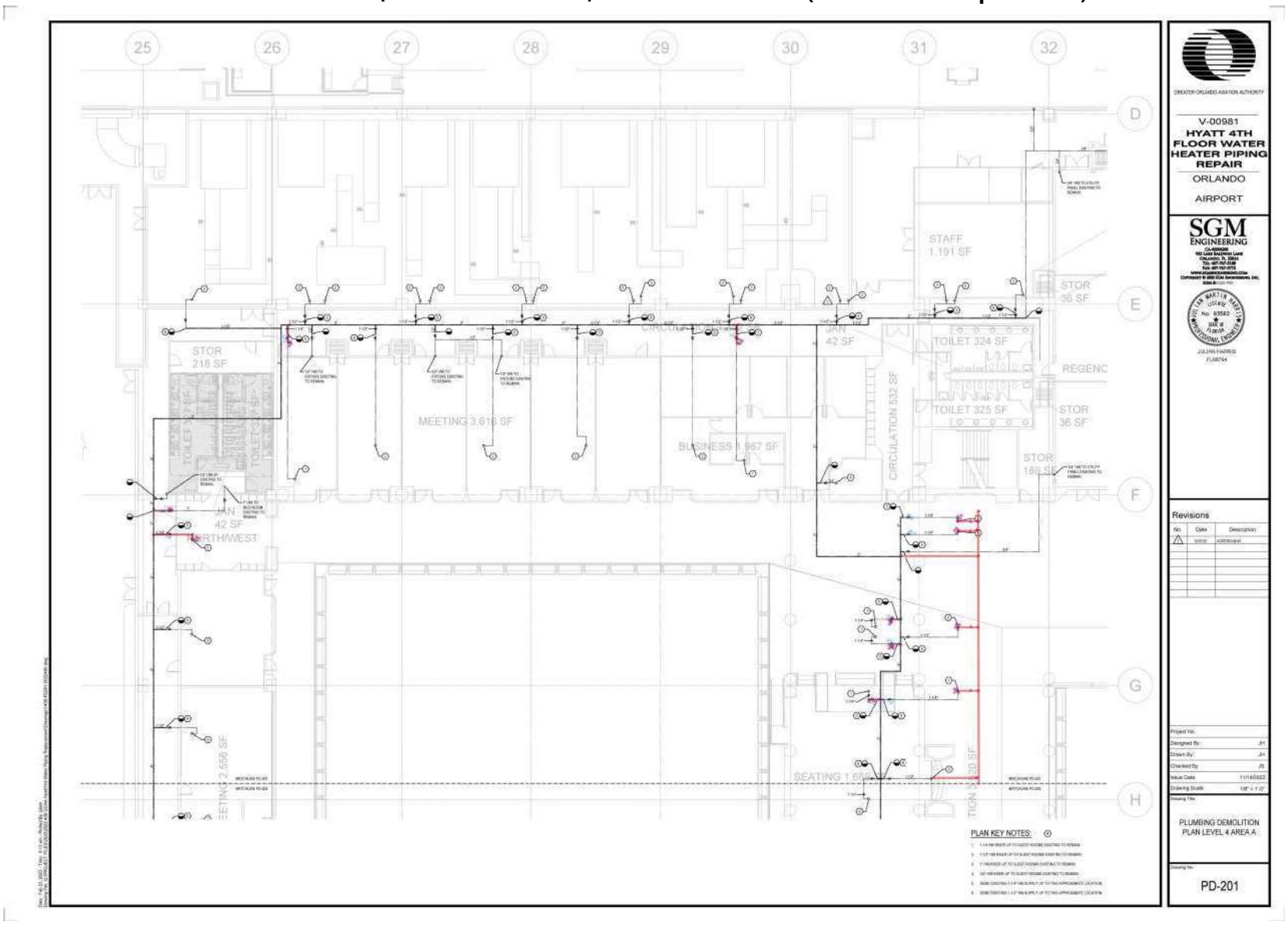
PipeDetail

| Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|
| 179 | 11 | PVC Fitting Cover Joint | $ 0.13 | 1.00 | $ 0.13 | $ 23.27 | 0.00 | 0.0 | 1.00 | 0.0 |
| 33 | 12 | PVC Fitting Cover Joint | $ 0.14 | 1.00 | $ 0.14 | $ 4.62 | 0.00 | 0.0 | 1.00 | 0.0 |
| 3 | 13 | PVC Fitting Cover Joint | $ 0.15 | 1.00 | $ 0.15 | $ 0.45 | 0.00 | 0.0 | 1.00 | 0.0 |
| 18 | 15 | PVC Fitting Cover Joint | $ 0.18 | 1.00 | $ 0.18 | $ 3.24 | 0.00 | 0.0 | 1.00 | 0.0 |
| 6 | 17 | PVC Fitting Cover Joint | $ 0.21 | 1.00 | $ 0.21 | $ 1.26 | 0.00 | 0.0 | 1.00 | 0.0 |
| 28 | ⅜ | Plain Washer | $ 0.04 | 1.00 | $ 0.04 | $ 1.12 | 0.01 | 0.2 | 1.00 | 0.2 |
| 15 | 1½ x2x8 | Wood Insulation Insert | $ 2.00 | 1.00 | $ 2.00 | $ 30.00 | 0.17 | 2.6 | 1.00 | 2.6 |
| 1 | 1 | Viega ProPress 90 Ell | $ 15.75 | 0.50 | $ 7.88 | $ 7.88 | 0.11 | 0.1 | 1.00 | 0.1 |
| 23 | 1¼ | Viega ProPress 90 Ell | $ 32.09 | 0.50 | $ 16.05 | $ 369.04 | 0.11 | 2.5 | 1.00 | 2.5 |
| 1 | 1 | Viega ProPress Tee | $ 23.92 | 0.50 | $ 11.96 | $ 11.96 | 0.15 | 0.1 | 1.00 | 0.1 |
| 23 | 1¼ | Viega ProPress Tee | $ 41.21 | 0.50 | $ 20.61 | $ 473.92 | 0.15 | 3.4 | 1.00 | 3.4 |
| 23 | 1¼ | Viega ProPress Cap | $ 29.58 | 0.50 | $ 14.79 | $ 340.17 | 0.05 | 1.2 | 1.00 | 1.2 |
| 1 | 2½ x1¼ | Viega ProPress Copper XL-C Conc Reducer | $250.92 | 0.50 | $125.46 | $ 125.46 | 0.19 | 0.2 | 1.00 | 0.2 |
| 13 | 2x1¼ | Viega ProPress Reducing Tee | $119.43 | 0.50 | $ 59.72 | $ 776.30 | 0.14 | 1.8 | 1.00 | 1.8 |
| 1 | 2½ x1¼ | Viega ProPress Copper XL-C Reducing Tee | $422.06 | 0.50 | $211.03 | $ 211.03 | 0.27 | 0.3 | 1.00 | 0.3 |
| 1 | 3x1 | Viega ProPress Copper XL-C Reducing Tee | $414.08 | 0.50 | $207.04 | $ 207.04 | 0.33 | 0.3 | 1.00 | 0.3 |
| 6 | 3x1¼ | Viega ProPress Copper XL-C Reducing Tee | $422.06 | 0.50 | $211.03 | $ 1,266.18 | 0.27 | 1.6 | 1.00 | 1.6 |
| 2 | 4x1¼ | Viega ProPress Copper XL-C Reducing Tee | $586.45 | 0.50 | $293.23 | $ 586.45 | 0.43 | 0.9 | 1.00 | 0.9 |
| 1 | 1 | Viega 2970.10ZL Brz Press Ball Vlv w/ Mtl Handle | $ 73.56 | 0.50 | $ 36.78 | $ 36.78 | 0.11 | 0.1 | 1.00 | 0.1 |
| 23 | 1¼ | Viega 2970.10ZL Brz Press Ball Vlv w/ Mtl Handle | $125.94 | 0.50 | $ 62.97 | $ 1,448.31 | 0.10 | 2.3 | 1.00 | 2.3 |
| 1 | 3x12 | Galv Insulation Prot Shield | $ 40.87 | 0.50 | $ 20.44 | $ 20.44 | 0.06 | 0.1 | 1.00 | 0.1 |
| 13 | 3½ x12 | Galv Insulation Prot Shield | $ 43.80 | 0.50 | $ 21.90 | $ 284.70 | 0.06 | 0.8 | 1.00 | 0.8 |
| 1 | 4x12 | Galv Insulation Prot Shield | $ 45.21 | 0.50 | $ 22.61 | $ 22.61 | 0.06 | 0.1 | 1.00 | 0.1 |
| 14 | 4½ x12 | Galv Insulation Prot Shield | $ 46.60 | 0.50 | $ 23.30 | $ 326.20 | 0.06 | 0.8 | 1.00 | 0.8 |
| 14 | ⅜ | Plain Wide Jaw Top C-Clamp | $ 13.07 | 0.50 | $ 6.54 | $ 91.49 | 0.07 | 1.0 | 1.00 | 1.0 |
| | | | | | | **$ 8,839.47** | | **129.7** | | **129.7** |

ADD

# Plan: HYATT 4TH FLOOR HOT WATER REPLACMENT#0003.pdf

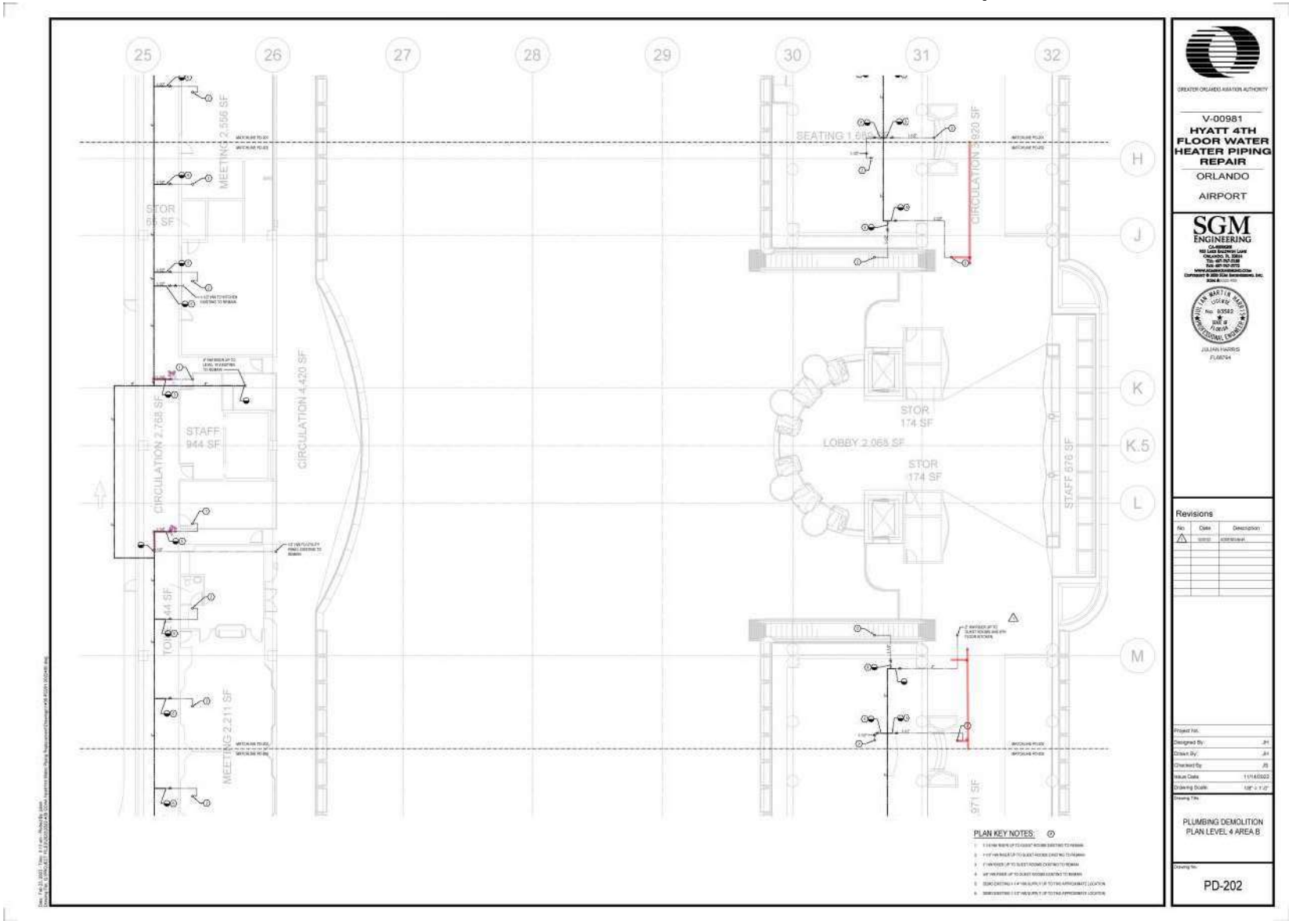
**Company:** S R Plumbing Corp
**Site:** FastESTServer.site
**Job:** FastESTServer>>SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT (Water Heater Replacement)



ADD

# Plan: HYATT 4TH FLOOR HOT WATER REPLACMENT#0004.pdf

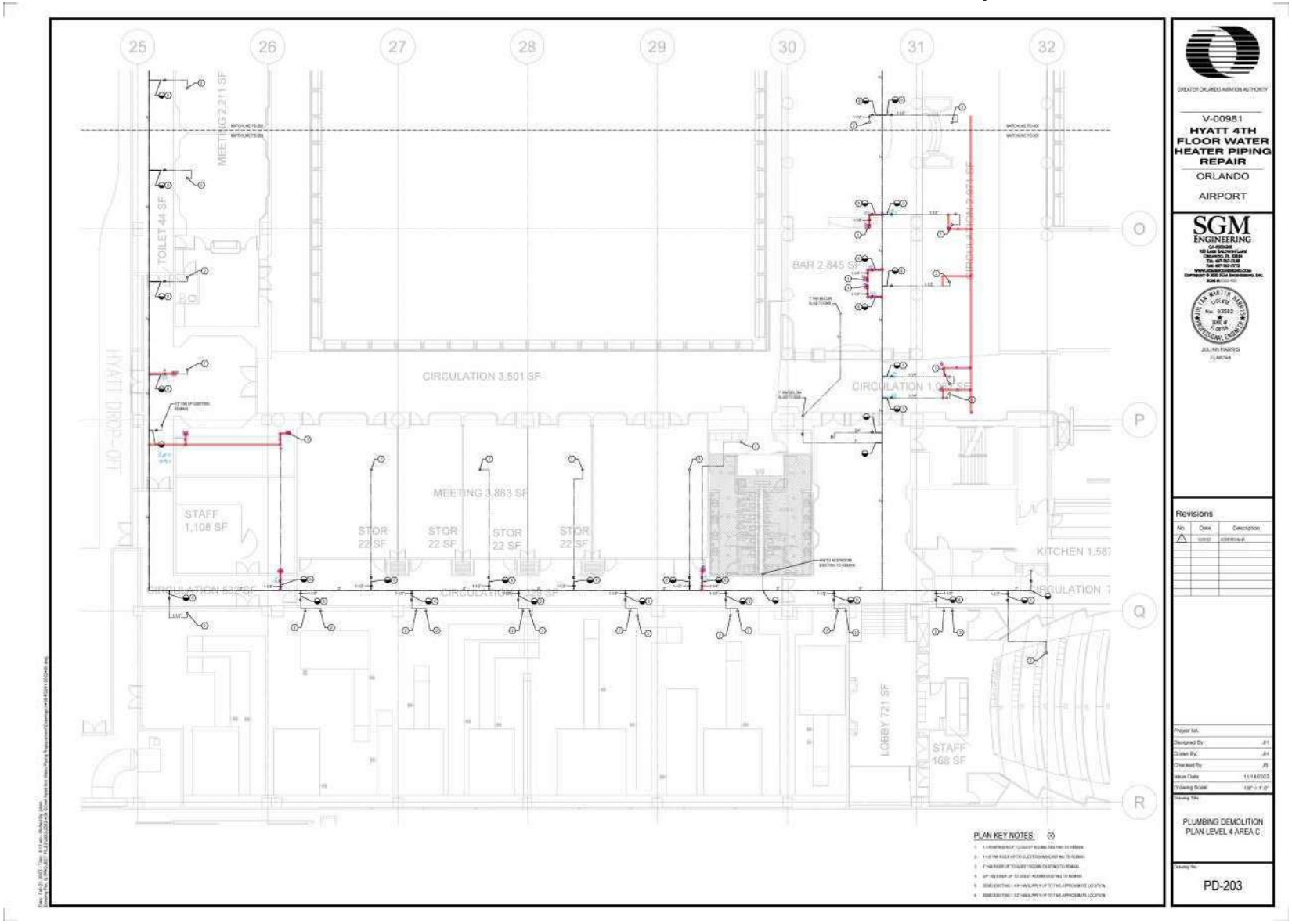
**Company:** S R Plumbing Corp
**Site:** FastESTServer.site
**Job:** FastESTServer>>SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT (Water Heater Replacement)



ADD

# Plan: HYATT 4TH FLOOR HOT WATER REPLACMENT#0005.pdf

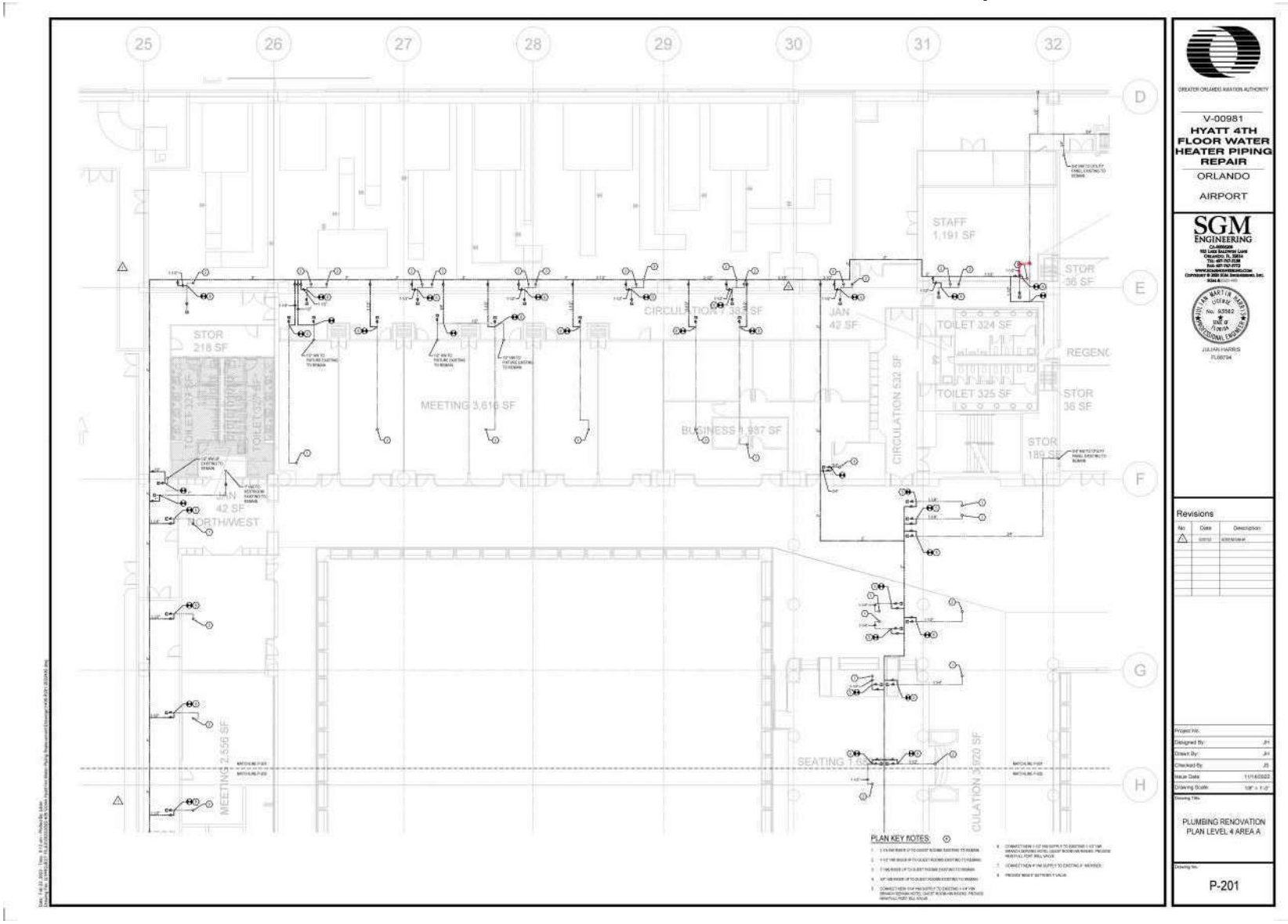
**Company:** S R Plumbing Corp
**Site:** FastESTServer.site
**Job:** FastESTServer>>SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT (Water Heater Replacement)



ADD A 1" CONNECTION NOT ON DRAWING

# Plan: HYATT 4TH FLOOR HOT WATER REPLACMENT#0011.pdf

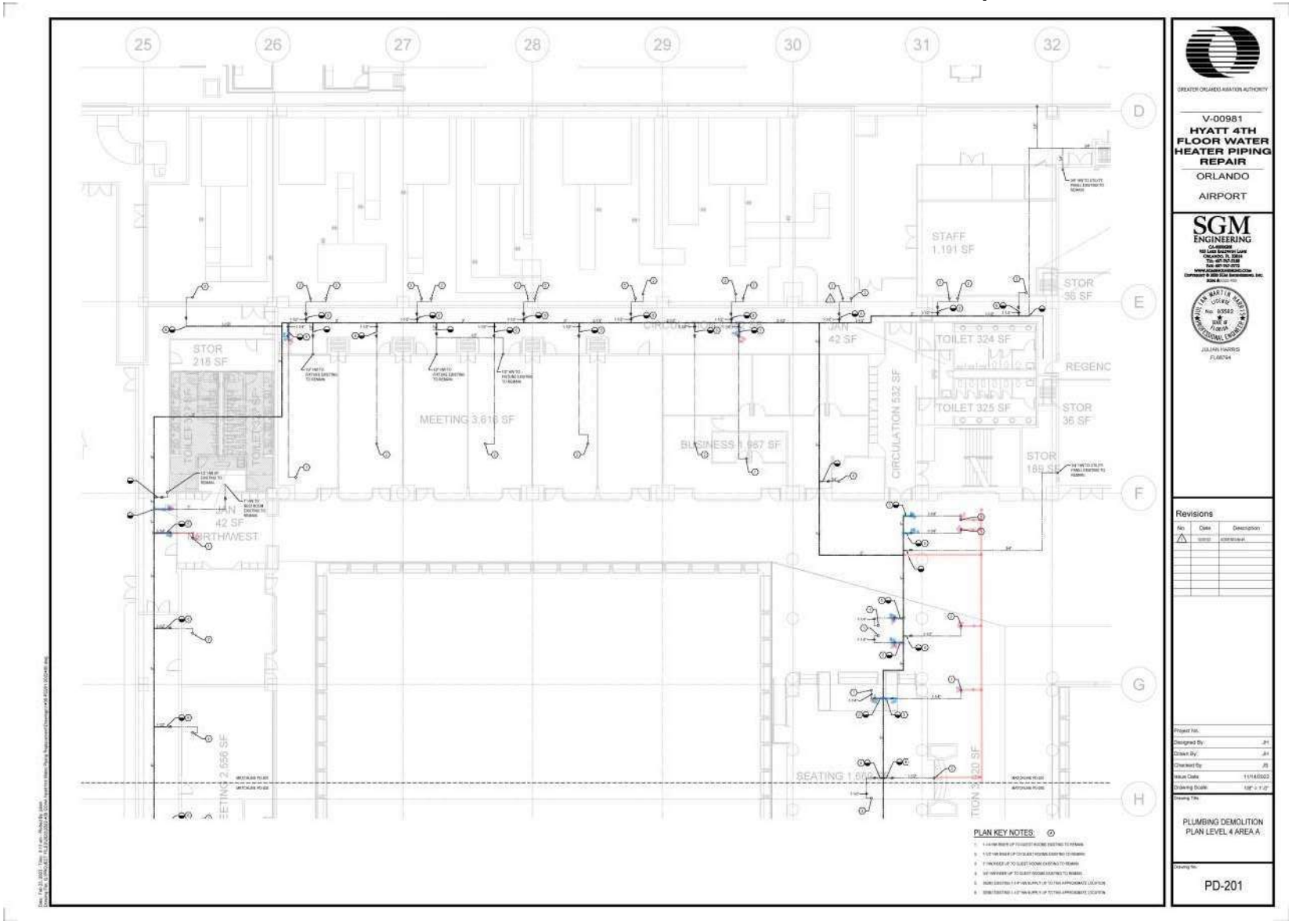
**Company:** S R Plumbing Corp
**Site:** FastESTServer.site
**Job:** FastESTServer>>SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT (Water Heater Replacement)



CREDIT

# Plan: HYATT 4TH FLOOR HOT WATER REPLACMENT#0003.pdf

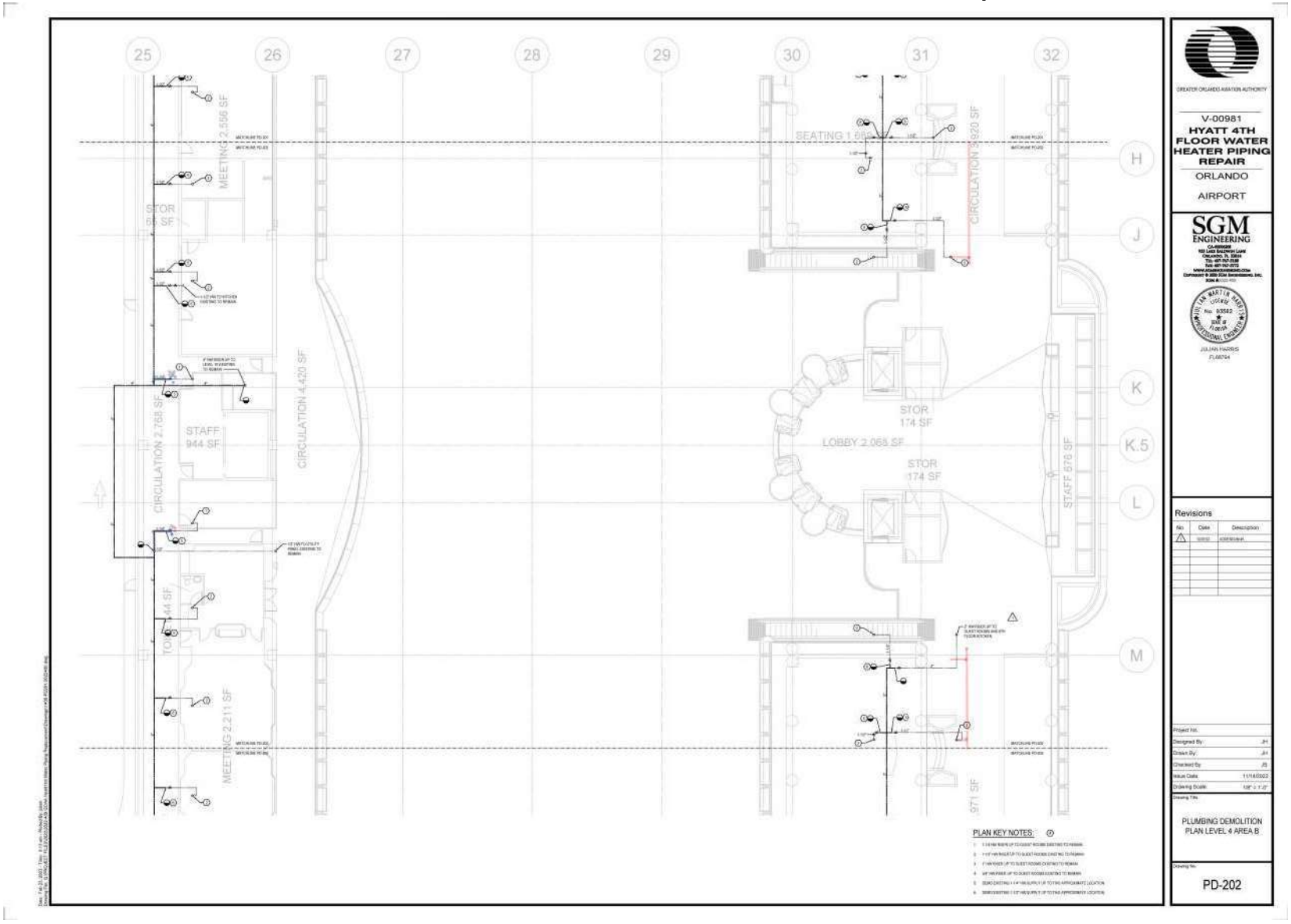
**Company:** S R Plumbing Corp
**Site:** FastESTServer.site
**Job:** FastESTServer>>SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT (Water Heater Replacement)



CREDIT

# Plan: HYATT 4TH FLOOR HOT WATER REPLACMENT#0004.pdf

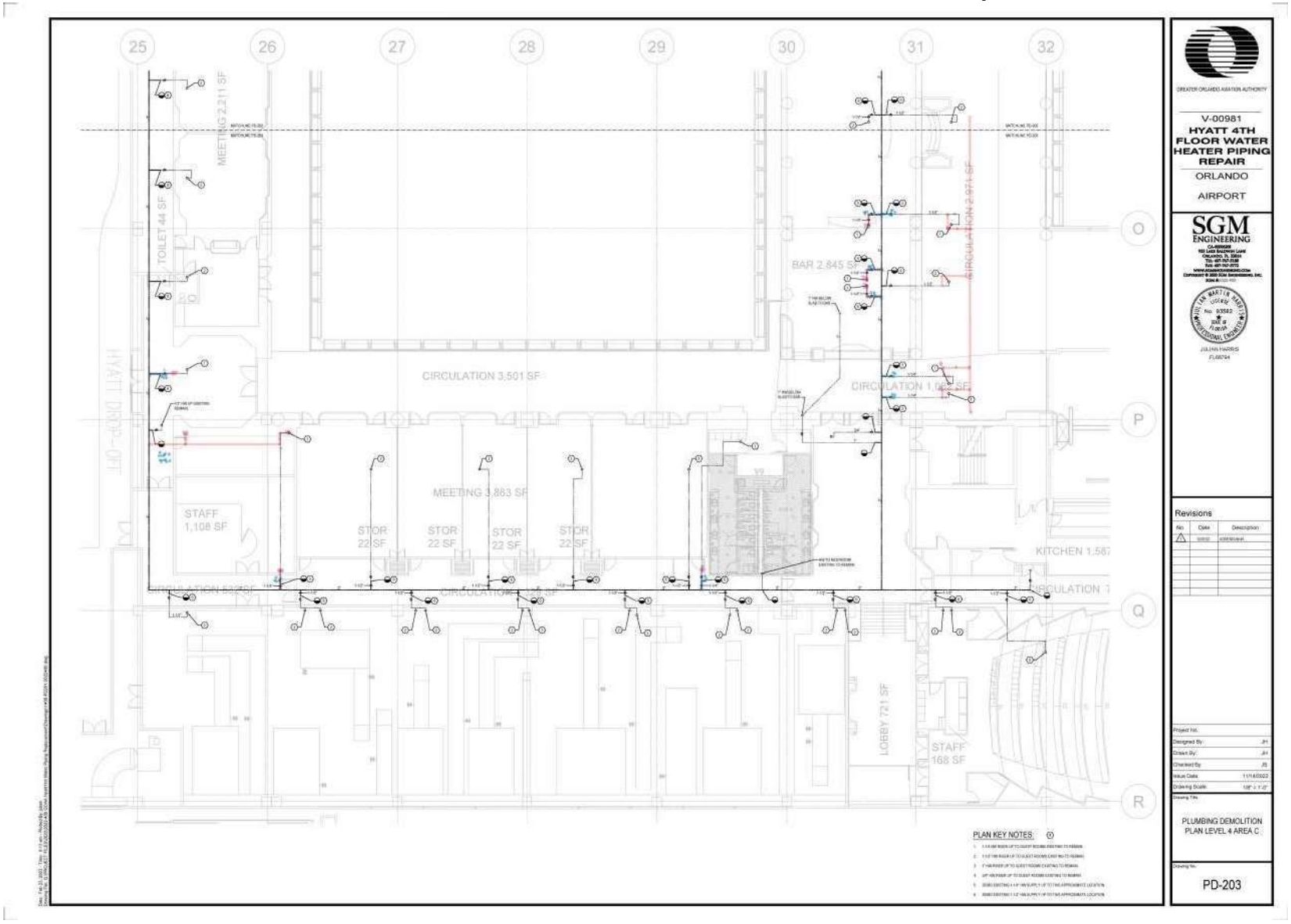
**Company:** S R Plumbing Corp
**Site:** FastESTServer.site
**Job:** FastESTServer>>SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT (Water Heater Replacement)



CREDIT

# Plan: HYATT 4TH FLOOR HOT WATER REPLACMENT#0005.pdf

**Company:** S R Plumbing Corp
**Site:** FastESTServer.site
**Job:** FastESTServer>>SR PLUMBING 2023\HYATT FOUR FLOOR; ORLANDO ARIPORT (Water Heater Replacement)



Gomez Construction Company
750 Jackson Avenue
Winter Park, Florida 32789
407-628-4353 phone
407-645-2499 fax

8/9/2023

# V-00981 Hyatt 4th Floor Water Heater Piping Replacement

**Summary of Work Included:**

Plans call for all piping to be 1 1/4" per RFI #4 we are to match field conditions, there are 19 locations out of the 58 these are all noted on the As-Built Plans. The piping at these locations changed from 1 1/4" to 1 1/2". This requires diffent size tees ranginf from 4 x 1 1/2 to 2 x 1 1/2.
This requires new copper piping new 90's and 45's, new hangers, new insulation and a restocking fee for all the old 1 1/4 fittings, pipe and insualtion
The lobby area included over 200 feet of 2" K copper, tees, 90's 45's and a couple tees. This also added insulation, hangers, anchors, and threaded rod. The configuation in the lobby is completely changed from original plans and requied us to change some routing as well. Also, additional labor was required.

| Code | Description of the Item | Est. QTY | Unit | Unit Cost | Total Cost | Subcontractor / Supplier |
|---|---|---|---|---|---|---|
| 1000 | GCC Project Support Equipment | 1 | LS | 0.00 | $ - | GCC |
| 1220 | GCC Labor Support | 1 | LS | 0.00 | $ - | GCC |
| 1230 | Project Manager | 1 | LS | 0.00 | $ - | GCC |
| 1231 | GCC Superintendent | 1 | LS | 0.00 | $ - | GCC |
| 1017 | | 1 | LS | 0.00 | $ - | C&S |
| | | 1 | LS | 0.00 | $ - | |
| | GCC Subtotal | | | | $ - | |
| | GCC Mark-Up | 12% | | | $ - | |
| | **TOTAL GCC** | | | | **$ -** | |
| | | | | | | |
| | **Scope of work** | | | | | |
| 1 | Plumbing scope attached | 1 | LS | $ 42,581.00 | $ 42,581.00 | SR Plumbing |
| 2 | | 1 | LS | $ - | $ - | |
| 3 | | 1 | LS | $ - | $ - | |
| | | 1 | LS | $ - | $ - | |
| | Subtotal Subcontractors | | | | $ 42,581.00 | |
| | GCC Mark-Up | 8% | | | $ 3,406.48 | |
| | **Total Subcontractors** | | | | **$ 45,987.48** | |
| | Subtotal GCC & Subcontractors | | | | $ 45,987.48 | |
| | Bond Adjusted in Final Change Order | | | | $ - | Adjusted in Final CO |
| | **Grand Total Building Costs with Allowances** | | | | **$ 45,987.48** | |

Notes
1
2

| | MWBE/LDB Subcontractors | % of Contract | Subcontract Amount |
|---|---|---|---|
| 1 | SR Plumbing | 92.59% | $ 42,581.00 |
| 2 | | 0.00% | $ - |
| | **Total Amount MWBE Subcontractors** | 92.59% | $ 42,581.00 |

| | | | | | |
|---|---|---|---|---|---|
| | **GCC Project Support** | | | | |
| 01231 | GCC Superintendent | 0 | WKS | 2,500.00 | $ - |
| 1230 | GCC Project Manager | 0 | WKS | 2,800.00 | $ - |
| 01220 | GCC Labor Support | 0 | WKS | 1,024.00 | $ - |
| | **GCC Project Support Equipment** | | | | |
| 01234 | Truck | 0 | MO | 800.00 | $ - |
| 01514 | Telephone | 0 | MO | 500.00 | $ - |
| 1518 | Temp Toilet | 0 | MO | 250.00 | $ - |
| 01720 | Cleaning and temporary protection | 0 | days | 300.00 | $ - |
| 01732 | Dumpsters | 0 | EA | 475.00 | $ - |
| | | | | Total | $ - |

Commercial – Residential – Plumbing

# CHANGE ORDER

August 7, 2023

Change Order No. 01

To: Gomez Construction
750 Jackson Ave.
Winterpark, Fl 32789

Proj: Hyatt 4th floor hot water line replacement

RE: REPLACING FITTINGS AND PIPE TO MATCH FIELD CONDITIONS AND CREDIT FOR ALL 1 ¼ FITTINGS, PIPE VALVES AND TEES.

**S R Plumbing**, a *Certified Minority Woman Business Enterprise & LDB certified,* hereby proposes to furnish labor, material, and equipment to perform the plumbing work on the above listed project for the following sums and considerations.

**QUOTE INCLUDES:** Replacing all 1 ¼ fittings, Pipe, valves, and tees with 1 ½ fittings, pipe, valves, and tees to match field conditions. Plans showed multiple 1 ¼ connections that are actually 1½ connections. This also includes new routing for lobby area water mains. New HWR mains will be installed parallel to existing pipe routing.

Credit for all 1-1/4" pipe, fitting, insulation, and ball valve -------<$19,173.00>
Add for 1-1/2" pipe, fitting, insulation, valve, and new routing-----$61,754.00

Please Issue a Change Order to the Contract w/an addition of:
**$42,581.00**

S R Plumbing
Subcontractor
BY _____ DATE _____

Gomez Construction
Builder / Owner
BY _____ DATE _____

Due to market fluctuations and other external factors beyond our control, S R Plumbing can only guarantee prices on materials and fixtures for 30 days after bid date. After 30 days we ask that you request a new bid on materials and fixtures. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the above specification involving extra costs will be executed only upon written orders and will become an extra charge overcharge over above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our Workers are fully covered by Worker's Compensation insurance. Our terms are net thirty. The customer will be responsible for any cost or fees incurred in the collection of any past due invoice, including attorney fees, and understands that past due invoices are subject to a 1.5% monthly finance charge. * While every reasonable effort is made to ensure the accuracy of this information, we are not responsible for any errors or omissions contained on this proposal. Please verify any information in question with S R Plumbing.*

# BID RECAP SHEET

7/6/2023

Company: **SR Plumbing**
JobName: **\\SERVER2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT HWR CH**
Bid: **Base Bid**

**PLUMBING/PIPING SUMMARY** — **Plumbing/Piping Labor**

| | Materials | Hours | Rate | Labor $ | Total |
|---|---|---|---|---|---|
| FastPIPE Summary | $ 34,673.92 | 322.6 | $46.00 | $14,840 | $49,514 |
| Pipe Equipment Total | $0 | w/Summary | | $0 | $0 |
| Pipe Fixtures Total | $0 | w/Summary | | $0 | $0 |
| Pipe Specialties Total | $0 | w/Summary | | $0 | $0 |
| Pipe Other Total | $0 | w/Summary | | $0 | $0 |
| Equipment | $0 | 0.0 | $32.00 | $0 | $0 |
| Fixtures | $0 | 0.0 | $32.00 | $0 | $0 |
| Other Costs | $0 | 48.4 | $46.00 | $2,226 | $2,226 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| Sub Total | $34,674 | | | $17,066 | $51,739 |

| MATERIALS | | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Materials/Equipment | | $34,674 | $5,201 | $39,875 | 15.0 % |
| Rental Equipment | | $0 | $0 | $0 | 15.0 % |
| Warranty | | $0 | $0 | $0 | 15.0 % |
| Material Escalation | | $0 | $0 | $0 | 15.0 % |
| Freight | | $0 | $0 | $0 | 15.0 % |
| | | $0 | $0 | $0 | 15.0 % |
| | | $0 | $0 | $0 | 15.0 % |
| Sub Total | | $34,674 | $5,201 | $39,875 | |
| Sales Tax | 6.5 | $2,254 | $0 | $2,254 | |
| MATERIALS TOTAL | | $36,928 | $5,201 | $42,129 | 15.0 % |

| LABOR | Hours | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Labor | 371.0 | $17,066 | $2,560 | $19,625 | 15.0 % |
| | 0.0 | $0 | $0 | $0 | 15.0 % |
| | 0.0 | $0 | $0 | $0 | 15.0 % |
| | 0.0 | $0 | $0 | $0 | 15.0 % |
| Sub Total | | $17,066 | $2,560 | $19,625 | |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| LABOR TOTAL | | $17,066 | $2,560 | $19,625 | 15.0 % |

| SUBCONTRACTS | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| Including Sales Tax | | $0 | $0 | $0 | 15.0 % |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| SUBCONTRACTS TOTAL | | $0 | $0 | $0 | 15.0 % |

| | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| SUB TOTAL less Sales Tax | | $51,739 | $7,761 | $59,500 | 15.0 % |
| Sales Tax | | | | $2,254 | |
| Bond | 0.0 % | | | $0 | |
| | | | QUOTED PRICE | $61,754 | |

# OTHER JOB COSTS

Company: **SR Plumbing**
JobName: **\\SERVER2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT HWR (**

| | Description | Materials Plbg/Piping | Labor Hours PL Hours | Rate | Total |
|---|---|---|---|---|---|
| 1 | Permits - Plumbing | | | $35.00 | $0 |
| 2 | Permits - Mechanical | | | | $0 |
| 3 | Water Department Fees | | | | $0 |
| 4 | Meter Installation Fees | | | | $0 |
| 5 | Sewer Tap Fees | | | | $0 |
| 6 | Gas Utility Company Fees | | | | $0 |
| 7 | Vehicle Gas | | | | $0 |
| 8 | Pressure Testing | | | | $0 |
| 9 | Balancing | | | | $0 |
| 10 | Draining & Refilling | | | | $0 |
| 11 | Welding Qualification | | | | $0 |
| 12 | Temporary Water | | | | $0 |
| 13 | Trench Preparation | | | | $0 |
| 14 | Barricades | | | | $0 |
| 15 | Shoring | | | | $0 |
| 16 | Bacterial Testing | | | | $0 |
| 17 | Job Office Trailers | | | | $0 |
| 18 | Job Storage Trailers | | | | $0 |
| 19 | Job Fabrication Facility | | | | $0 |
| 20 | Utilities: Sewer, Water, Power, Phone | | | | $0 |
| 21 | Equipment Cartage | | | | $0 |
| 22 | Temporary Services & Fuel | | | | $0 |
| 23 | Ventilation | | | | $0 |
| 24 | Clean-up | | | $46.00 | $0 |
| 25 | | | | $46.00 | $0 |
| 26 | Engineering | | | $46.00 | $0 |
| 27 | Drafting | | | $46.00 | $0 |
| 28 | Detailing | | | $46.00 | $0 |
| 29 | Project Manangement | | 16.1 | $46.00 | $742 |
| 30 | | | | $46.00 | $0 |
| 31 | Supervision | | 32.3 | $46.00 | $1,484 |
| 32 | Material Handling | | | $46.00 | $0 |
| 33 | Delivery | | | $46.00 | $0 |
| 34 | | | | $46.00 | $0 |
| 35 | Administrative Costs | | | $46.00 | $0 |
| 36 | Scheduling | | | $46.00 | $0 |
| 37 | Safety | | | $46.00 | $0 |
| 38 | | | | $46.00 | $0 |
| 39 | Travel & Subsistence | | | $46.00 | $0 |
| 40 | Tag & ID | | | $46.00 | $0 |
| 41 | Firestopping | | | $46.00 | $0 |
| 42 | | | | $46.00 | $0 |
| | | $0 | 48.4 | | $2,226 |

**Company:** S R Plumbing Corp
**JobName:** \\SERVER2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT HWR CHANGE ORDER.job
**Material Set:** Factor 1
**Labor Set:** Commercial
**Run Date:** 7/6/2023 13:14
**Sort Key:** By Matl Group ☐ Subtotals

| Matl Group | Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| bline6 | 108 | ⅜ | Plain Threaded Rod | $ 2.20 | 1.00 | $ 2.20 | $ 237.06 | 0.02 | 2.2 | 1.00 | 2.2 |
| bolts | 216 | ⅜ | Hex Nuts | $ 0.06 | 1.00 | $ 0.06 | $ 12.53 | 0.01 | 3.0 | 1.00 | 3.0 |
| coptub | 407 | 1½ | Type K Hard Copper Tube | $ 14.85 | 1.00 | $ 14.85 | $ 6,046.50 | 0.06 | 22.5 | 1.00 | 22.5 |
| coptub | 362 | 2 | Type K Hard Copper Tube | $ 23.15 | 1.00 | $ 23.15 | $ 8,368.83 | 0.08 | 29.0 | 1.00 | 29.0 |
| hanger | 64 | 3½ | Plain Standard Clevis Hanger | $ 20.16 | 0.50 | $ 10.08 | $ 645.12 | 0.14 | 9.0 | 1.00 | 9.0 |
| hanger | 44 | 4 | Plain Standard Clevis Hanger | $ 22.51 | 0.50 | $ 11.26 | $ 495.22 | 0.15 | 6.5 | 1.00 | 6.5 |
| jmfgpi | 407 | 1½ | CTS 1-1/2 in thick Fiberglass Insulation | $ 4.15 | 1.00 | $ 4.15 | $ 1,689.76 | 0.07 | 28.5 | 1.00 | 28.5 |
| jmfgpi | 362 | 2 | CTS 1-1/2 in thick Fiberglass Insulation | $ 4.48 | 1.00 | $ 4.48 | $ 1,619.54 | 0.07 | 25.3 | 1.00 | 25.3 |
| jmpvcc | 72 | 11 | Zeston PVC Fitting Covers 90 Ell | $ 3.60 | 1.00 | $ 3.60 | $ 259.20 | 0.14 | 10.1 | 1.00 | 10.1 |
| jmpvcc | 1 | 12 | Zeston PVC Fitting Covers 90 Ell | $ 4.20 | 1.00 | $ 4.20 | $ 4.20 | 0.14 | 0.1 | 1.00 | 0.1 |
| jmpvcc | 4 | 12 | Zeston PVC Fitting Covers 45 Ell | $ 4.20 | 1.00 | $ 4.20 | $ 16.80 | 0.14 | 0.6 | 1.00 | 0.6 |
| jmpvcc | 21 | 12 | Zeston PVC Fitting Covers Tee | $ 7.47 | 1.00 | $ 7.47 | $ 156.87 | 1.28 | 26.9 | 1.00 | 26.9 |
| jmpvcc | 2 | 13 | Zeston PVC Fitting Covers Tee | $ 9.92 | 1.00 | $ 9.92 | $ 19.84 | 0.21 | 0.4 | 1.00 | 0.4 |
| jmpvcc | 6 | 15 | Zeston PVC Fitting Covers Tee | $ 16.13 | 1.00 | $ 16.13 | $ 96.78 | 0.26 | 1.6 | 1.00 | 1.6 |
| jmpvcc | 2 | 17 | Zeston PVC Fitting Covers Tee | $ 28.58 | 1.00 | $ 28.58 | $ 57.16 | 0.32 | 0.6 | 1.00 | 0.6 |
| jmpvcc | 29 | 11 | Zeston PVC Fitting Covers Valve | $ 6.21 | 1.00 | $ 6.21 | $ 180.09 | 3.12 | 90.5 | 1.00 | 90.5 |
| job | 1 | <None> | TEST | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 244 | 1½ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 87 | 2 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 4 | 2½ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 12 | 3 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 4 | 4 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 110 | 1½ | 1-1/2 in Thick Fiberglass Joint | $ 0.30 | 1.00 | $ 0.30 | $ 33.00 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 114 | 2 | 1-1/2 in Thick Fiberglass Joint | $ 0.32 | 1.00 | $ 0.32 | $ 36.48 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 202 | 11 | PVC Fitting Cover Joint | $ 0.13 | 1.00 | $ 0.13 | $ 26.26 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 73 | 12 | PVC Fitting Cover Joint | $ 0.14 | 1.00 | $ 0.14 | $ 10.22 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 6 | 13 | PVC Fitting Cover Joint | $ 0.15 | 1.00 | $ 0.15 | $ 0.90 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 18 | 15 | PVC Fitting Cover Joint | $ 0.18 | 1.00 | $ 0.18 | $ 3.24 | 0.00 | 0.0 | 1.00 | 0.0 |

| Matl Group | Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| joint | 6 | 17 | PVC Fitting Cover Joint | $ 0.21 | 1.00 | $ 0.21 | $ 1.26 | 0.00 | 0.0 | 1.00 | 0.0 |
| misc | 216 | ⅜ | Plain Washer | $ 0.04 | 1.00 | $ 0.04 | $ 8.64 | 0.01 | 1.5 | 1.00 | 1.5 |
| misc | 108 | 1½ x2x8 | Wood Insulation Insert | $ 2.00 | 1.00 | $ 2.00 | $ 216.00 | 0.17 | 18.9 | 1.00 | 18.9 |
| proprs | 72 | 1½ | Viega ProPress 90 Ell | $ 60.03 | 0.50 | $ 30.02 | $ 2,161.08 | 0.14 | 10.8 | 1.00 | 10.8 |
| proprs | 1 | 2 | Viega ProPress 90 Ell | $ 84.29 | 0.50 | $ 42.15 | $ 42.15 | 0.14 | 0.1 | 1.00 | 0.1 |
| proprs | 4 | 2 | Viega ProPress 45 Ell | $ 71.23 | 0.50 | $ 35.62 | $ 142.46 | 0.14 | 0.5 | 1.00 | 0.5 |
| proprs | 4 | 2 | Viega ProPress Tee | $ 96.91 | 0.50 | $ 48.46 | $ 193.82 | 0.18 | 0.7 | 1.00 | 0.7 |
| proprs | 7 | 1½ | Viega ProPress Coupling | $ 31.44 | 0.50 | $ 15.72 | $ 110.04 | 0.12 | 0.9 | 1.06 | 0.9 |
| proprs | 16 | 2 | Viega ProPress Coupling | $ 40.10 | 0.50 | $ 20.05 | $ 320.80 | 0.13 | 2.0 | 1.00 | 2.0 |
| proprs | 16 | 2x1½ | Viega ProPress Reducing Tee | $ 89.79 | 0.50 | $ 44.90 | $ 718.32 | 0.17 | 2.7 | 0.99 | 2.7 |
| proprs | 2 | 2½ x1½ | Viega ProPress Copper XL-C Reducing Tee | $403.30 | 0.50 | $201.65 | $ 403.30 | 0.28 | 0.7 | 1.00 | 0.7 |
| proprs | 6 | 3x1½ | Viega ProPress Copper XL-C Reducing Tee | $444.77 | 0.50 | $222.39 | $ 1,334.31 | 0.34 | 2.4 | 1.00 | 2.4 |
| proprs | 2 | 4x1½ | Viega ProPress Copper XL-C Reducing Tee | $557.45 | 0.50 | $278.73 | $ 557.45 | 0.44 | 0.9 | 1.00 | 0.9 |
| proprs | 1 | 2x1½ x1½ | Viega ProPress Reducing Tee | $155.17 | 0.50 | $ 77.59 | $ 77.59 | 0.17 | 0.2 | 1.00 | 0.2 |
| proprs | 29 | 1½ | Viega 2970.10ZL Brz Press Ball Vlv w/ Mtl Handle | $184.82 | 0.50 | $ 92.41 | $ 2,679.89 | 0.11 | 3.2 | 1.00 | 3.2 |
| shield | 64 | 3½ x12 | Galv Insulation Prot Shield | $ 43.80 | 0.50 | $ 21.90 | $ 1,401.60 | 0.06 | 3.8 | 1.00 | 3.8 |
| shield | 44 | 4x12 | Galv Insulation Prot Shield | $ 45.21 | 0.50 | $ 22.61 | $ 994.62 | 0.06 | 2.6 | 1.00 | 2.6 |
| shield | 64 | 4½ x12 | Galv Insulation Prot Shield | $ 46.60 | 0.50 | $ 23.30 | $ 1,491.20 | 0.06 | 3.8 | 1.00 | 3.8 |
| shield | 44 | 5x12 | Galv Insulation Prot Shield | $ 49.91 | 0.50 | $ 24.96 | $ 1,098.02 | 0.06 | 2.6 | 1.00 | 2.6 |
| uppera | 108 | ⅜ | Plain Wide Jaw Top C-Clamp | $ 13.07 | 0.50 | $ 6.54 | $ 705.78 | 0.07 | 7.6 | 1.00 | 7.6 |
| | | | | | | | **$ 34,673.92** | | **322.6** | | **322.6** |

# BID RECAP SHEET

8/3/2023

Company: **SR Plumbing**
JobName: **\\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT CREDIT.jo**
Bid: **Base Bid**

| PLUMBING/PIPING SUMMARY | Materials | Plumbing/Piping Labor Hours | Rate | Labor $ | Total |
|---|---|---|---|---|---|
| FastPIPE Summary | $ 10,227.81 | 110.9 | $46.00 | $5,101 | $15,329 |
| Pipe Equipment Total | $0 | w/Summary | | $0 | $0 |
| Pipe Fixtures Total | $0 | w/Summary | | $0 | $0 |
| Pipe Specialties Total | $0 | w/Summary | | $0 | $0 |
| Pipe Other Total | $0 | w/Summary | | $0 | $0 |
| Equipment | $0 | 0.0 | $32.00 | $0 | $0 |
| Fixtures | $0 | 0.0 | $32.00 | $0 | $0 |
| Other Costs | $0 | 16.6 | $46.00 | $765 | $765 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| | $0 | 0.0 | $0.00 | $0 | $0 |
| Sub Total | $10,228 | | | $5,867 | $16,094 |

| MATERIALS | | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Materials/Equipment | | $10,228 | $1,534 | $11,762 | 15.0 % |
| Rental Equipment | | $0 | $0 | $0 | 15.0 % |
| Warranty | | $0 | $0 | $0 | 15.0 % |
| Material Escalation | | $0 | $0 | $0 | 15.0 % |
| Freight | | $0 | $0 | $0 | 15.0 % |
| | | $0 | $0 | $0 | 15.0 % |
| | | $0 | $0 | $0 | 15.0 % |
| Sub Total | | $10,228 | $1,534 | $11,762 | |
| Sales Tax | 6.5 | $665 | $0 | $665 | |
| MATERIALS TOTAL | | $10,893 | $1,534 | $12,427 | 15.0 % |

| LABOR | Hours | Cost | OH&P $ | Total | OH&P % |
|---|---|---|---|---|---|
| Piping Labor | 127.5 | $5,867 | $880 | $6,747 | 15.0 % |
| | 0.0 | $0 | $0 | $0 | 15.0 % |
| | 0.0 | $0 | $0 | $0 | 15.0 % |
| | 0.0 | $0 | $0 | $0 | 15.0 % |
| Sub Total | | $5,867 | $880 | $6,747 | |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| LABOR TOTAL | | $5,867 | $880 | $6,747 | 15.0 % |

| SUBCONTRACTS | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| Including Sales Tax | | $0 | $0 | $0 | 15.0 % |
| Sales Tax | 0.0 | $0 | $0 | $0 | |
| SUBCONTRACTS TOTAL | | $0 | $0 | $0 | 15.0 % |

| | | Cost | OH&P $ | Total | |
|---|---|---|---|---|---|
| SUB TOTAL less Sales Tax | | $16,094 | $2,414 | $18,509 | 15.0 % |
| Sales Tax | | | | $665 | |
| Bond | 0.0 % | | | $0 | |
| | | | QUOTED PRICE | $19,173 | |

# OTHER JOB COSTS

Company: **SR Plumbing**
JobName: **\\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT CREDIT.**

| | Description | Materials Plbg/Piping | Labor Hours PL Hours | Rate | Total |
|---|---|---|---|---|---|
| 1 | Permits - Plumbing | | | $35.00 | $0 |
| 2 | Permits - Mechanical | | | | $0 |
| 3 | Water Department Fees | | | | $0 |
| 4 | Meter Installation Fees | | | | $0 |
| 5 | Sewer Tap Fees | | | | $0 |
| 6 | Gas Utility Company Fees | | | | $0 |
| 7 | Vehicle Gas | | | | $0 |
| 8 | Pressure Testing | | | | $0 |
| 9 | Balancing | | | | $0 |
| 10 | Draining & Refilling | | | | $0 |
| 11 | Welding Qualification | | | | $0 |
| 12 | Temporary Water | | | | $0 |
| 13 | Trench Preparation | | | | $0 |
| 14 | Barricades | | | | $0 |
| 15 | Shoring | | | | $0 |
| 16 | Bacterial Testing | | | | $0 |
| 17 | Job Office Trailers | | | | $0 |
| 18 | Job Storage Trailers | | | | $0 |
| 19 | Job Fabrication Facility | | | | $0 |
| 20 | Utilities: Sewer, Water, Power, Phone | | | | $0 |
| 21 | Equipment Cartage | | | | $0 |
| 22 | Temporary Services & Fuel | | | | $0 |
| 23 | Ventilation | | | | $0 |
| 24 | Clean-up | | | $46.00 | $0 |
| 25 | | | | $46.00 | $0 |
| 26 | Engineering | | | $46.00 | $0 |
| 27 | Drafting | | | $46.00 | $0 |
| 28 | Detailing | | | $46.00 | $0 |
| 29 | Project Manangement | | 5.5 | $46.00 | $255 |
| 30 | | | | $46.00 | $0 |
| 31 | Supervision | | 11.1 | $46.00 | $510 |
| 32 | Material Handling | | | $46.00 | $0 |
| 33 | Delivery | | | $46.00 | $0 |
| 34 | | | | $46.00 | $0 |
| 35 | Administrative Costs | | | $46.00 | $0 |
| 36 | Scheduling | | | $46.00 | $0 |
| 37 | Safety | | | $46.00 | $0 |
| 38 | | | | $46.00 | $0 |
| 39 | Travel & Subsistence | | | $46.00 | $0 |
| 40 | Tag & ID | | | $46.00 | $0 |
| 41 | Firestopping | | | $46.00 | $0 |
| 42 | | | | $46.00 | $0 |
| | | $0 | 16.6 | | $765 |

**Company:** S R Plumbing Corp
**JobName:** \\server2020\Estimator\FastESTServer.site\Jobs\SR PLUMBING 2023\HYATT CREDIT.job
**Material Set:** Factor 1
**Labor Set:** Commercial
**Run Date:** 8/3/2023 16:24
**Sort Key:** By Matl Group ☐ Subtotals



| Matl Group | Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| bline6 | 35 | ⅜ | Plain Threaded Rod | $ 2.20 | 1.00 | $ 2.20 | $ 76.83 | 0.02 | 0.7 | 1.00 | 0.7 |
| bolts | 70 | ⅜ | Hex Nuts | $ 0.06 | 1.00 | $ 0.06 | $ 4.06 | 0.01 | 1.0 | 1.00 | 1.0 |
| coptub | 227 | 1¼ | Type K Hard Copper Tube | $ 11.22 | 1.00 | $ 11.22 | $ 2,543.04 | 0.04 | 9.5 | 1.00 | 9.5 |
| hanger | 35 | 3½ | Plain Standard Clevis Hanger | $ 20.16 | 0.50 | $ 10.08 | $ 352.80 | 0.14 | 4.9 | 1.00 | 4.9 |
| jmfgpi | 227 | 1¼ | IPS 1 in thick Fiberglass Insulation | $ 1.26 | 1.00 | $ 1.26 | $ 284.68 | 0.06 | 13.6 | 1.00 | 13.6 |
| jmpvcc | 40 | 9 | Zeston PVC Fitting Covers 90 Ell | $ 2.36 | 1.00 | $ 2.36 | $ 94.40 | 0.12 | 4.8 | 1.00 | 4.8 |
| jmpvcc | 1 | 11 | Zeston PVC Fitting Covers 90 Ell | $ 3.60 | 1.00 | $ 3.60 | $ 3.60 | 0.14 | 0.1 | 1.00 | 0.1 |
| jmpvcc | 5 | 9 | Zeston PVC Fitting Covers Tee | $ 4.22 | 1.00 | $ 4.22 | $ 21.10 | 0.18 | 0.9 | 1.00 | 0.9 |
| jmpvcc | 10 | 11 | Zeston PVC Fitting Covers Tee | $ 6.21 | 1.00 | $ 6.21 | $ 62.10 | 0.21 | 2.1 | 1.00 | 2.1 |
| jmpvcc | 1 | 12 | Zeston PVC Fitting Covers Tee | $ 7.47 | 1.00 | $ 7.47 | $ 7.47 | 1.28 | 1.3 | 1.00 | 1.3 |
| jmpvcc | 5 | 13 | Zeston PVC Fitting Covers Tee | $ 9.92 | 1.00 | $ 9.92 | $ 49.60 | 0.21 | 1.0 | 1.00 | 1.0 |
| jmpvcc | 2 | 15 | Zeston PVC Fitting Covers Tee | $ 16.13 | 1.00 | $ 16.13 | $ 32.26 | 0.26 | 0.5 | 1.00 | 0.5 |
| jmpvcc | 17 | 9 | Zeston PVC Fitting Covers Valve | $ 4.22 | 1.00 | $ 4.22 | $ 71.74 | 2.52 | 42.8 | 1.00 | 42.8 |
| job | 1 | <None> | TEST | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| job | 65 | 1¼ x1 | INSULATION 1 1/4" Fiberglass insulation | $ 6.75 | 1.00 | $ 6.75 | $ 438.75 | 0.04 | 2.6 | 1.00 | 2.6 |
| joint | 151 | 1¼ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 22 | 2 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 2 | 2½ | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 10 | 3 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 4 | 4 | ProPress Joint | $ - | 1.00 | $ - | $ - | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 62 | 1¼ | 1 in Thick Fiberglass Joint | $ 0.09 | 1.00 | $ 0.09 | $ 5.58 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 129 | 9 | PVC Fitting Cover Joint | $ 0.10 | 1.00 | $ 0.10 | $ 12.90 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 32 | 11 | PVC Fitting Cover Joint | $ 0.13 | 1.00 | $ 0.13 | $ 4.16 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 3 | 12 | PVC Fitting Cover Joint | $ 0.14 | 1.00 | $ 0.14 | $ 0.42 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 15 | 13 | PVC Fitting Cover Joint | $ 0.15 | 1.00 | $ 0.15 | $ 2.25 | 0.00 | 0.0 | 1.00 | 0.0 |
| joint | 6 | 15 | PVC Fitting Cover Joint | $ 0.18 | 1.00 | $ 0.18 | $ 1.08 | 0.00 | 0.0 | 1.00 | 0.0 |
| misc | 70 | ⅜ | Plain Washer | $ 0.04 | 1.00 | $ 0.04 | $ 2.80 | 0.01 | 0.5 | 1.00 | 0.5 |
| misc | 35 | 1x2x8 | Wood Insulation Insert | $ 2.00 | 1.00 | $ 2.00 | $ 70.00 | 0.18 | 6.1 | 1.00 | 6.1 |

| Matl Group | Qty | Size | Description | Unit Price | Matl Disc | Net Price | Net Total | Unit Hours | Adj Hours | Job Fact | Job Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| proprs | 40 | 1¼ | Viega ProPress 90 Ell | $ 32.09 | 0.50 | $ 16.05 | $ 641.80 | 0.11 | 4.5 | 1.00 | 4.5 |
| proprs | 1 | 2 | Viega ProPress 90 Ell | $ 84.29 | 0.50 | $ 42.15 | $ 42.15 | 0.13 | 0.1 | 1.00 | 0.1 |
| proprs | 5 | 1¼ | Viega ProPress Tee | $ 41.21 | 0.50 | $ 20.61 | $ 103.03 | 0.15 | 0.7 | 1.00 | 0.7 |
| proprs | 2 | 1¼ | Viega ProPress Coupling | $ 17.24 | 0.50 | $ 8.62 | $ 17.24 | 0.11 | 0.2 | 1.00 | 0.2 |
| proprs | 10 | 2x1¼ | Viega ProPress Reducing Tee | $119.43 | 0.50 | $ 59.72 | $ 597.15 | 0.16 | 1.6 | 1.00 | 1.6 |
| proprs | 1 | 2½ x1¼ | Viega ProPress Copper XL-C Reducing Tee | $422.06 | 0.50 | $211.03 | $ 211.03 | 0.27 | 0.3 | 1.00 | 0.3 |
| proprs | 5 | 3x1¼ | Viega ProPress Copper XL-C Reducing Tee | $422.06 | 0.50 | $211.03 | $ 1,055.15 | 0.33 | 1.6 | 1.00 | 1.6 |
| proprs | 2 | 4x1¼ | Viega ProPress Copper XL-C Reducing Tee | $586.45 | 0.50 | $293.23 | $ 586.45 | 0.43 | 0.9 | 1.00 | 0.9 |
| proprs | 17 | 1¼ | Viega 2970.10ZL Brz Press Ball Vlv w/ Mtl Handle | $125.94 | 0.50 | $ 62.97 | $ 1,070.49 | 0.11 | 1.8 | 1.00 | 1.8 |
| shield | 35 | 3½ x12 | Galv Insulation Prot Shield | $ 43.80 | 0.50 | $ 21.90 | $ 766.50 | 0.06 | 2.1 | 1.00 | 2.1 |
| shield | 35 | 3½ x12 | Galv Insulation Prot Shield | $ 43.80 | 0.50 | $ 21.90 | $ 766.50 | 0.06 | 2.1 | 1.00 | 2.1 |
| uppera | 35 | ⅜ | Plain Wide Jaw Top C-Clamp | $ 13.07 | 0.50 | $ 6.54 | $ 228.73 | 0.07 | 2.4 | 1.00 | 2.4 |
| | | | | | | | **$ 10,227.81** | | **110.9** | | **110.9** |

# GREATER ORLANDO AVIATION AUTHORITY

11/21/2023

# V-00981
# HYATT 4TH FLOOR WATER HEATER PIPING REPAIR, ORLANDO INTERNATIONAL AIRPORT

## 100% BID SET

**9300 JEFF FUQUA BVLD**
**Orlando, FL 32827**

**11/14/2022**

**PROJECT DESIGN TEAM:**

PLUMBING: SGM Engineering
935 Lake Baldwin Ln,
Orlando, FL 32814


CHAIRPERSON: M. CARSON GOOD

VICE CHAIRPERSON: THE HONORABLE, BUDDY DYER

TREASURER: THE HONORABLE, JERRY DEMINGS

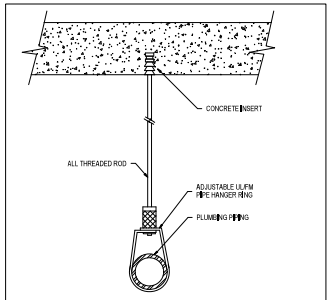
BOARD MEMBERS: THE HONORABLE, BELINDA KIRKEGARD
CRAIG MATEER
DR. JOHN L. EVANS. JR.
TIM WEISHEYER

CHIEF EXECUTIVE OFFICER: KEVIN THIBAULT


Professional Seals

| Electrical | Mechanical | Structural | Mechanical | Electrical | Plumbing | Fire Protection | Landscape |
|---|---|---|---|---|---|---|---|
| | | | | | WILLIAM MART IN MARTI LICENSE No. 93562 STATE OF FLORIDA PROFESSIONAL ENGINEER | | |


Date: Feb 23, 2023 - Time: 8:18 am - By: jlim
Drawing N:\ENGINEERING\PROJECTS\2022\V00981 HYATT 4TH FLOOR WATER PIPING REPLACEMENT\Drawings\100%\V00981_HYATT 4TH FLOOR WATER PIPING REPLACEMENT.dwg




**CONCRETE PIPE HANGER DETAIL**

NOT TO SCALE

## ABBREVIATIONS

| | |
|---|---|
| CW | COLD WATER |
| HW | HOT WATER |
| HWR | HOT WATER RETURN |
| DWV | DRAIN, WASTE, AND VENT |
| W | WASTE |
| GR | GREASE WASTE |
| FW | FORCE MAIN |
| COND. | CONDENSATE |
| V. | VENT |
| VTR | VENT THRU ROOF |
| CO | CLEANOUT |
| WCO | WALL CLEANOUT |
| FCO | FLOOR CLEANOUT |
| ECO | EXTERIOR CLEANOUT (GRADE) |
| BAL | BALANCING VALVE |
| AB. | ABOVE |
| DN. | DOWN |
| CLG. | CEILING |
| OH | OVERHEAD |
| MIN. | MINIMUM |
| CP. | CHROME PLATED |
| SS. | STAINLESS STEEL |
| SL. | SLOPE |
| GA. | GAUGE |
| BLDG. | BUILDING |
| CONN. | CONNECTION |
| AS/A/P. | AS HIGH AS POSSIBLE |
| AFF. | ABOVE FINISHED FLOOR |
| BFF. | BELOW FINISHED FLOOR |
| FFE. | FINISHED FLOOR ELEVATION |
| IE. | INVERT ELEVATION |
| FD | FLOOR DRAIN |
| AD | AREA DRAIN |
| FS | FLOOR SINK |
| RD | ROOF DRAIN |
| CD | CONDENSATE DRAIN |
| CR | CONDENSATE RECEPTOR |

## PLUMBING SYMBOL LEGEND

| SYMBOL | DESCRIPTION | ABBREVIATION |
|---|---|---|
| | CHECK VALVE | CV |
| | GATE VALVE | GV |
| | BALL VALVE | BV |
| | BALANCING VALVES | BV |
| | PRESSURE REGULATING VALVE | PRV |
| | ELBOW TURNED DOWN | DN |
| | ELBOW TURNED UP | UP |
| | TEE TURNED UP | UP |
| | TEE TURNED DOWN | DN |
| | POINT OF DEMOLITION | |
| | POINT OF CONNECTION | |
| (#) | PLAN KEY NOTE | |

## PLUMBING SYSTEM LEGEND

| SYSTEM LINE-TYPE | DESCRIPTION | ABBREVIATION |
|---|---|---|
| | HOT WATER PIPING | H/V |
| | EXISTING HOT WATER PIPING TO REMAIN | E-H/V |
| | DEMOLISHED HOT WATER PIPING | D-H/V |
| | HOT WATER RETURN PIPING | H/VR |
| | EXISTING HOT WATER RETURN PIPING TO REMAIN | E-H/VR |
| | DEMOLISHED HOT WATER RETURN PIPING | D-H/VR |

## PLUMBING DRAWING INDEX


| | |
|---|---|
| P-001 | PLUMBING SYMBOL LEGEND AND GENERAL NOTES |
| PD-201 | PLUMBING DEMOLITION PLAN LEVEL 4 AREA A |
| PD-202 | PLUMBING DEMOLITION PLAN LEVEL 4 AREA B |
| PD-203 | PLUMBING DEMOLITION PLAN LEVEL 4 AREA C |
| P-201 | PLUMBING RENOVATION PLAN LEVEL 4 AREA A |
| P-202 | PLUMBING RENOVATION PLAN LEVEL 4 AREA B |
| P-203 | PLUMBING RENOVATION PLAN LEVEL 4 AREA C |


## SCOPE OF WORK

1. REMOVE AND REPLACE ALL MAIN HOT WATER SUPPLY PIPING AT LEVEL 4 OF THE HYATT HOTEL. THE 4" MAIN RISER IS EXISTING TO REMAIN.
2. PROVIDE NEW SECTIONS OF HOT WATER BRANCH PIPING SERVING HOTEL GUEST ROOM RISERS. PROVIDE NEW BRONZE FULL PORT BALL VALVES SERVING HOTEL GUEST ROOM RISERS. HOTEL GUEST ROOM HOT WATER RISERS ARE EXISTING TO REMAIN.

## EXISTING CONDITIONS GUIDELINES

GENERAL

IN GENERAL, FOLLOW THE GUIDELINES BELOW WHEN DEALING WITH EXISTING CONDITIONS, UNLESS SPECIFICALLY INDICATED OTHERWISE. THESE GUIDELINES ARE NOT INTENDED TO RESTRICT OR REPLACE PROFESSIONAL JUDGMENT.

1. USE OF HAZARDOUS CHEMICALS IN DEMOLITION IS PROHIBITED
2. WHERE 'DESTRUCTIVE' TYPE INVESTIGATIONS ARE REQUIRED, COORDINATE SCHEDULE, EXTENT OF 'DESTRUCTION' AND REPAIR/PATCHING WORK WITH 'OWNER' PRIOR TO COMMENCEMENT OF THESE INVESTIGATIONS.
3. SURVEYS/ENGINEERING PROVIDED INFORMATION IS SCHEMATIC IN NATURE PROVIDING AN APPROXIMATE EXISTING CONDITION HOWEVER IS NOT GUARANTEED TO BE ACCURATE. THE CONTRACTOR SHALL PERFORM ALL FIELD REVIEWS AND INVESTIGATION NECESSARY TO PERFORM THEIR SERVICES PRIOR TO COMMENCING WORK. THE FOLLOWING REVIEWS WILL BE REQUIRED:
   a. REVIEW OF CONSTRUCTION DOCUMENTS TITLE = 'EXISTING CONDITION'
   b. PHYSICAL FIELD VERIFICATION OF EXISTING CONDITIONS. CONTRACTOR SHALL COORDINATE THE VERIFICATION IN PRESENCE OF OWNER OR DESIGNATED STAFF.
   c. REVIEW THE DEMOLITION DRAWINGS AND ALLOW FOR UNFORESEEN CONDITIONS SUCH AS UNDERGROUND OR ABOVE GROUND UTILITIES AND 'UFN' IN CONCEALED SPACE NOT VISIBLE TO NAKED EYES'.
4. SITE EXAMINATION IS REQUIRED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK. SUBCONTRACTORS WILL ALSO BE REQUIRED TO FIELD VISIT AND VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY UNFORESEEN CONDITIONS MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO COMMENCEMENT.
5. AT OWNER'S DISCRETION, CONTRACTORS MAY BE REQUIRED, OR ELECT, TO PHOTOGRAPH ALL / DOCUMENT EXISTING CONDITIONS OR INVESTIGATIONS. COPIES, IN ELECTRONIC FORMAT AND HARDCOPY, OF ALL PHOTOGRAPHS BY THE CONTRACTOR SHALL BE PROVIDED TO THE OWNER FOR RECORD PURPOSES.
6. PRIOR TO REMOVAL OF ANY EXISTING MATERIALS OR DEVICES, COORDINATE WITH THE OWNER AND CLEARLY IDENTIFY WHAT ITEMS SHALL BE SALVAGED AND TURNED OVER TO THE OWNER.

SECTION 02 30 00 SUBSURFACE INVESTIGATION

1. THE CONTRACTOR SHALL PROVIDE SITE OR SUBSURFACE INVESTIGATION ADDED NECESSARY IN ACCORDANCE WITH THE ENGINEER'S PROJECT WORK SCOPE. SERVICES MAY INCLUDE:
   a. CONTRACTOR SHALL ENGAGE 'UTILITY LOCATE' SERVICES FOR UNDERGROUND UTILITY LINES, SUCH AS POWER, COMMUNICATION, WATER, SANITARY, STORM, CHILLED WATER, GAS, AND OTHER RELATED UTILITY LINES.
2. AS-BUILT DRAWINGS - INFORMATION FURNISHED BY THE ENGINEER SHALL BE FOR CONTRACTOR'S REFERENCE ONLY, AND THE ENGINEER SHALL IN NO WAY BE HELD RESPONSIBLE FOR ACCURACY OF THE INFORMATION, HOWEVER IF THERE IS NO CONFIRMATION FOR AS-BUILT DRAWINGS TO BE ACCURATE OR NOT, THEREFORE IT'S CONTRACTOR'S RESPONSIBILITY TO ISSUE RFI DURING BIDDING SHOULD ANY EXISTING CONDITION DOES NOT SHOW CLEAR UNDERSTANDING FOR SCOPE OF WORK.
3. PROTECTION OF EXISTING SITE AND BUILDINGS: PROTECT ALL BUILDINGS, DRIVES, UNDERGROUND, AND ABOVE GROUND UTILITY LINES, PARKING AREAS, TREES, VINES, AND PLANTED AREAS DURING SUBSURFACE AND UNDERGROUND INVESTIGATIONS. ALL EXISTING SITE ELEMENTS SHALL BE LEFT IN THEIR ORIGINAL CONDITION. COORDINATE ALL WORK WITH THE 'OWNER' PROJECT MANAGER.
4. PREPARATION OF PLANS FOR BORINGS: IN THE PREPARATION OF PLANS FOR BORING LOCATIONS, THE CONTRACTOR SHALL STUDY PLANS OF EXISTING UNDERGROUND UTILITIES AND SHALL LOCATE BORINGS TO AVOID THESE UTILITIES. DO NOT BEGIN WORK UNTIL IS CLEARED AND APPROVED BY THE 'OWNER.'

SECTION 02 41 16 STRUCTURE DEMOLITION

1. DEMOLITION OF FOUNDATIONS: EXTENT OF FOUNDATION DEMOLITION SHALL BE VERIFIED WITH THE 'OWNER' PRIOR TO WORK. WHERE NEW STRUCTURES WILL REPLACE EXISTING STRUCTURES, THE ENTIRE FOUNDATION SHALL BE REMOVED, SEE STRUCTURAL DRAWINGS FOR COORDINATION PRIOR TO COMMENCEMENT.

SECTION 02 41 18 SELECTIVE STRUCTURE DEMOLITION

1. CONTRACTOR SHALL CLEARLY REVIEW AND UNDERSTAND ON THE CONSTRUCTION DOCUMENTS THE EXTENT OF SELECTIVE DEMOLITION. PROVIDE COST ALLOWANCE FOR ANY DEMOLITION SHOWN ON THE FLOOR PLANS, ELEVATIONS, OR DETAILS TO CLEARLY IDENTIFY WHAT IS SCHEDULED FOR REMOVAL AND WHAT IS SCHEDULED TO REMAIN.
2. IDENTIFY ON THE DEMOLITION PLANS OR SCHEDULE AS TO WHAT ITEMS SHALL BE TO/PORTABLE REMOVED AND REUSED, AND THOSE ITEMS WHICH SHALL BE TURNED OVER TO THE OWNER.
3. IDENTIFY ON THE DEMOLITION PLANS THOSE ITEMS WHICH SHALL BE APPROPRIATELY REMOVED FOR RECYCLING.

SECTION 02 44 00 EQUIPMENT MOVING

1. RELOCATED EQUIPMENT: SPECIAL CONCERN SHALL BE TAKEN WITH EQUIPMENT RELOCATED FROM EXISTING INSTALLATIONS FOR REINSTALLATION. CONTRACTOR SHALL ESTABLISH A SCHEDULE FOR REMOVAL AND REINSTALLATION AND COORDINATE WITH THE OWNER.
2. RELOCATION OF EXISTING EQUIPMENT SHALL INCLUDE:
   a. DISCONNECTING AND MOVING TO NEW LOCATION.
   b. RESTORATION AND CAPPING OF UTILITIES AT THE OLD LOCATION.
   c. SPECIFY THAT THE CONTRACTOR RECORD EXISTING UTILITY PIPING ARRANGEMENTS TO FACILITATE INSTALLATION.
   d. AS SHOWN ON THE CONSTRUCTION DOCUMENT DRAWINGS, THE CONTRACTOR SHALL BE REQUIRED TO REPLACE UNSALVAGEABLE PIPING, DUCTWORK, AND WIRING, AND FURNISH ANY NEW PIPING, DUCTWORK, AND WIRING AS REQUIRED TO COMPLETE REINSTALLATION, WITHOUT ADDITIONAL COST TO THE OWNER.

## PLUMBING GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE FLORIDA BUILDING CODE 7TH EDITION (2020) AND THE FLORIDA BUILDING CODE 7TH EDITION (2020), PLUMBING.
2. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR SHALL COORDINATE ALL WORK TIMES, TEMPORARY SHUTDOWNS (IF REQUIRED) WITH ORLANDO INTERNATIONAL AIRPORT AND HYATT HOTEL MANAGEMENT.
3. CONTRACTOR SHALL COORDINATE HOURS AND DAYS WORK CAN OR CANNOT BE PERFORMED. ALL RENOVATION WORK SHALL TAKE PLACE AFTER HOURS, EXCEPT THOSE LOCATIONS WHERE HYATT HOTEL MANAGEMENT DEEM REPAIRS ARE TO TAKE PLACE DURING NORMAL BUSINESS HOURS. HYATT HOTEL MANAGEMENT SHALL DETERMINE THE HOTEL'S NORMAL AND AFTER HOURS TIME CRITERIA. ANY WORK THAT REQUIRES DRILLING OR SAW CUTTING SHALL BE DESIGNATED NOISY WORK, AND NOISY WORK SHALL ONLY OCCUR BETWEEN 5:00 PM TO 10:00 PM PER HYATT HOTEL MANAGEMENT.
4. CONTRACTOR SHALL COORDINATE GUEST ROOM SHUTDOWNS WITH HYATT HOTEL MANAGEMENT, CONTRACTOR SHALL DEVELOP A SCHEDULE OF SHUTDOWNS INCLUDING DURATION FOR EACH RISER ISOLATED AND COORDINATE WITH HYATT.
5. THE FOLLOWING OUTLINES ESTIMATE SCOPE OF WORK DURATIONS:
   a. GUEST ROOM RISERS:
      i. MAXIMUM NUMBER OF GUEST ROOMS TO BE DOWN AT ONE TIME SHALL NOT EXCEED 70.
      ii. MAXIMUM DURATION DOWN TIME PER GUESTROOM IS 24 CONSECUTIVE HOURS FROM 8:00 AM TO 8:00 AM.
6. ALL NEW PIPING AND FITTINGS SHALL BE HARD DRAWN, TYPE 'K' COPPER TUBING CONFORMING TO ASME B31.9 AND ASME B40. AND SHALL UTILIZE PRESSURE SEAL JOINTS PER OSHA SPECIFICATIONS. ALL NEW PIPING SHALL BE PROVIDED WITH 1" FIBERGLASS INSULATION WITH ASJ WRAPPING.
7. EXISTING CONCRETE SLAB IS POST TENSIONED SLAB AND BEAMS. CONTRACTOR SHALL SCAN SLAB PRIOR TO ANY DRILLING OF NEW CONCRETE INSERTS FOR PIPING HANGERS AND LOCATE ALL INSERTS BETWEEN TENDONS.
8. PROVIDE PIPING OFFSETS TO AVOID EXISTING STRUCTURE AND OTHER MEP SYSTEMS CURRENTLY LOCATED ABOVE THE LEVEL 4, 5, AND 10 CEILINGS.
9. ALL NEW HOT WATER PIPING SHALL BE INSTALLED BEFORE DEMOLITION OF EXISTING HOT WATER PIPING.
10. AFTER NEW DOMESTIC HOT WATER DISTRIBUTION MAINS INCLUDING TEES AND VALVES ARE INSTALLED AND PRESSURE TESTED, EACH EXISTING BRANCH LINE SERVING THE RISERS FOR THE FLOORS ABOVE SHALL BE ISOLATED WITH THE EXISTING BALL VALVE AND EACH EXISTING RISER SHALL BE DRAINED.
11. WHEN THE EXISTING RISER HAS BEEN DRAINED, A NEW 1/2" OR 3/4" (AS IDENTIFIED IN FLOOR PLANS) COPPER PIPE SHALL BE CONNECTED TO THE EXISTING BRANCHES AS SHOWN ON THE FLOOR PLANS. VALVES INSTALLED ON NEW PIPING SHALL BE BRONZE FULL PORT BALL VALVES WITH BLOWOUT PROOF STEMS. ANY VALVE INSTALLED ON LARGER COPPER PIPING SHALL BE BUTTERFLY TYPE VALVES. ALTERNATIVE MEANS AND METHODS SHALL BE CONSIDERED, IF PROPOSED BY CONTRACTOR, WITH APPROVAL FROM GOAA.
12. ALL EXISTING CEILINGS (INCLUDING LIGHT FIXTURES, SPRINKLERS, AND AIR DEVICES) AFFECTED BY INSTALLATION OF NEW/EXISTING DISTRIBUTION MAIN SHALL BE REPAIRED OR REPLACED (IF DAMAGED) DURING EACH PHASE / AREA OF WORK.
13. ALL DEMOLITION WORK SHALL INCLUDE CAPPING ALL EXISTING PLUMBING SYSTEMS IN A TEMPORARY OR PERMANENT MANNER. ALL ACCESSIBLE UNUSED PIPING AND/OR EQUIPMENT SHALL BE REMOVED AND PROPERLY DISPOSED.
14. ALL EXISTING WORK SHOWN ON THESE PLANS HAS BEEN TAKEN FROM AS BUILTS DATED 03/04/1981, THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN WITHIN THESE DOCUMENTS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER PRIOR TO DEMOLITION.
15. ALL BOLD LINE-WEIGHT INDICATES SYSTEM TO BE REMOVED.
16. ALL NEW PIPING SHALL BE INSTALLED IN PARALLEL BEFORE DEMOLITION OF EXISTING HVAC PIPING. CHANGE OVER TO NEW HVAC PIPING SHALL OCCUR OVERNIGHT DURING LOW OCCUPANCY HOURS.
17. ALL WALL, CEILING, OR FLOOR FINISHES SHOULD BE REPAIRED AFTER DEMOLITION TO MATCH THE EXISTING FINISHES OR NEW FINISHES AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
18. REFERENCE THE SPECIFICATIONS FOR MATERIALS AND EQUIPMENT STANDARDS.
19. PLANS ARE NOT COMPLETELY TO SCALE, PIPE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT LOCATION OF PIPING AND VALVES. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN PROPER CLEARANCES, COORDINATE WITH ALL TRADES AND OTHER POTENTIAL OBSTRUCTIONS AND ROUTE PIPING TO AVOID INTERFERENCES.
20. CONCEAL PIPING ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.
21. PERFORM FIRESTOPPING UNDER DIVISION 07 SECTION 'FIRESTOPPING', AND AS DETAILED ON THE ARCHITECTURAL DRAWINGS.
22. PROVIDE ACCESS PANELS TO ALL VALVES LOCATED WITHIN CHASES OR NON-ACCESSIBLE CEILINGS. ALL VALVES SHALL BE ACCESSIBLE AND FOR SYSTEM SERVED.
23. PROVIDE DIELECTRIC UNIONS WHERE CONNECTIONS ARE MADE BETWEEN DISSIMILAR METAL PIPE MATERIALS.
24. PRESSURE REDUCING VALVES SHALL BE PROVIDED WHERE THE WATER PRESSURE EXCEEDS 80 PSI AT ANY PLUMBING FIXTURE. WATER VELOCITY SHALL NOT EXCEED 8 FEET PER SECOND.
25. IF THE INTENT OF THE INFORMATION SHOWN ON THESE DOCUMENTS IS NOT CLEAR, OR IS CAPABLE OF MORE THAN ONE INTERPRETATION, SUCH MATTERS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS/ENGINEER IN WRITING BEFORE THE SUBMISSION OF BIDS, AND THE ARCHITECT/ENGINEER SHALL MAKE CORRECTION OF EXPLANATION IN WRITING.
26. WHERE THE CONTRACTOR PROPOSES ALTERNATE SOLUTIONS, DIFFERENT ROUTING OF PIPING, DIFFERENT LOCATIONS OF EQUIPMENT, ETC., THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE RAMIFICATIONS OF THE PROPOSED CHANGE THAT ARE NOT INCLUDED IN HIS PROPOSAL, BUT BECOME APPARENT AT A LATER DATE, AND SHALL BEAR THE CONSEQUENCES OF CORRECTING ANY AND ALL CONFLICTS, DEFICIENCIES OR OTHER PROBLEMS AT NO INCREASE IN COST OR INCREASE IN CONSTRUCTION TIME ALLOTTED.

GREATER ORLANDO AVIATION AUTHORITY

V-00981

**HYATT 4TH FLOOR WATER HEATER PIPING REPAIR**

ORLANDO AIRPORT


SGM ENGINEERING
CA #30000
352 Lake Hollingsworth Lane
Lakeland, FL 33803
(863) 648-1669
FAX: 863-648-1676
WWW.SGMENGINEERING.COM
Certificate of Authorization Number 0 #30000


JULIAN MARTIN HARRIS LICENSE No. 93562 STATE OF FLORIDA PROFESSIONAL ENGINEER

JULIAN HARRIS
FL68794

**Revisions**

| No. | Date | Description |
|---|---|---|
| 1 | 02/23/23 | ADDENDUM #1 |

| | |
|---|---|
| Project No.: | |
| Designed By: | JH |
| Drawn By: | JH |
| Checked By: | JS |
| Issue Date: | 11/14/2022 |
| Drawing Scale: | |

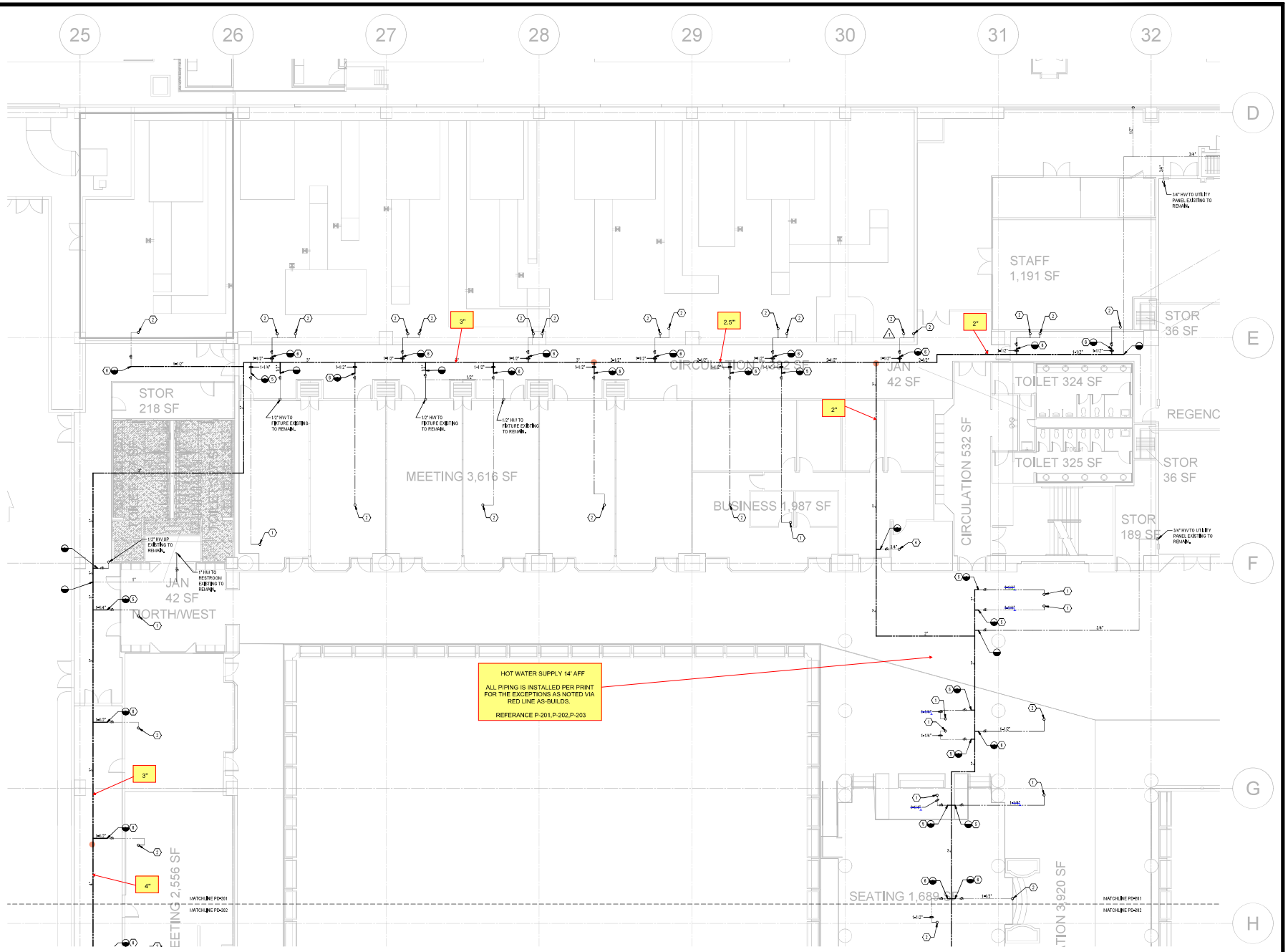
Drawing Title:

PLUMBING SYMBOL LEGEND AND GENERAL NOTES

Drawing No.

P-001


Date: Feb 21, 2023 • Time: 8:17 am • Plotted By: jjohn
Drawing: N:\ORLDOT\2021\2021-0004 Hyatt Hot Water Piping Replacement\Drawings\1-60x24x36.dwg




PLAN KEY NOTES:

1. 1-1/4 HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
2. 1-1/2" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
3. 1" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
4. 3/4" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
5. DEMO EXISTING 1-4" HW SUPPLY UP TO THIS APPROXIMATE LOCATION.
6. DEMO EXISTING 1-2" HW SUPPLY UP TO THIS APPROXIMATE LOCATION.

GREATER ORLANDO AVIATION AUTHORITY

V-00981

# HYATT 4TH FLOOR WATER HEATER PIPING REPAIR

ORLANDO AIRPORT


SGM ENGINEERING


JULIAN MARTIN HARRIS LICENSE No. 93562 STATE OF FLORIDA PROFESSIONAL ENGINEER

JULIAN HARRIS
FL68794

Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 12/07/22 | ADDENDUM #1 |

| | |
|---|---|
| Project No. | |
| Designed By: | JH |
| Drawn By: | JH |
| Checked By: | JS |
| Issue Date: | 11/14/2022 |
| Drawing Scale: | 1/8" = 1'-0" |

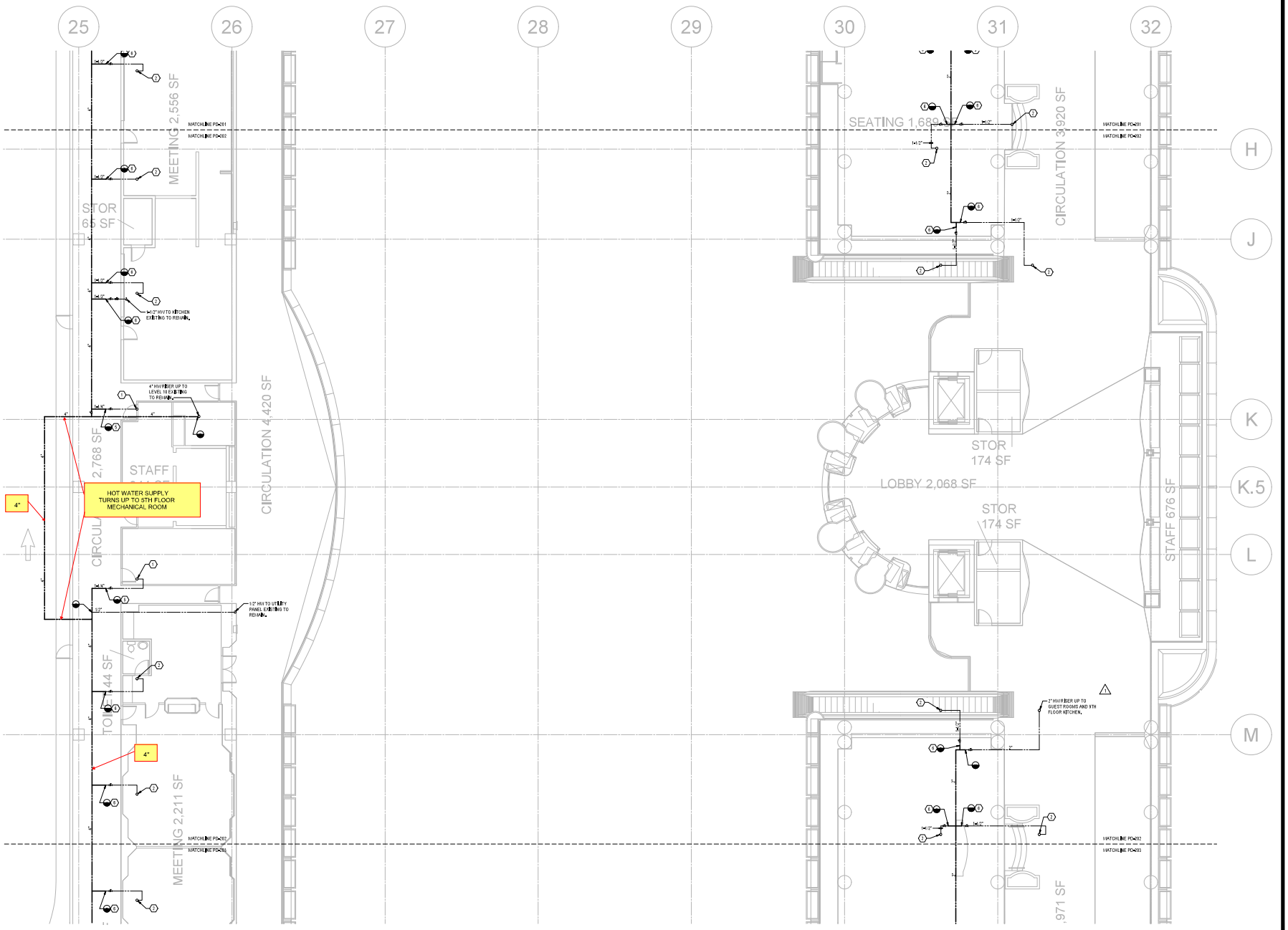
Drawing Title:

PLUMBING DEMOLITION PLAN LEVEL 4 AREA A

Drawing No.

PD-201


Date: Feb 21, 2023 • Time: 8:13:am • Plotted By: jsalyer
Drawing: S:\ORL\00\V00981\Drawings\Hyatt Hot Water Piping Replacement\Drawings\1400xPD201x20230400.dwg




PLAN KEY NOTES:

1. 1-1/4 HWVRISER UP TO GUEST ROOMS EXISTING TO REMAIN.
2. 1-1/2" HWVRISER UP TO GUEST ROOMS EXISTING TO REMAIN.
3. 1" HWVRISER UP TO GUEST ROOMS EXISTING TO REMAIN.
4. 3/4" HWVRISER UP TO GUEST ROOMS EXISTING TO REMAIN.
5. DEMO EXISTING 4" HWV SUPPLY UP TO THIS APPROXIMATE LOCATION.
6. DEMO EXISTING 4" 0" HWV SUPPLY UP TO THIS APPROXIMATE LOCATION.

GREATER ORLANDO AVIATION AUTHORITY

V-00981

**HYATT 4TH FLOOR WATER HEATER PIPING REPAIR**

ORLANDO AIRPORT


SGM ENGINEERING

JULIAN HARRIS
FL68794


Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 12/07/22 | ADDENDUM #1 |

| | |
|---|---|
| Project No.: | |
| Designed By: | JH |
| Drawn By: | JH |
| Checked By: | JS |
| Issue Date: | 11/14/2022 |
| Drawing Scale: | 1/8" = 1'-0" |

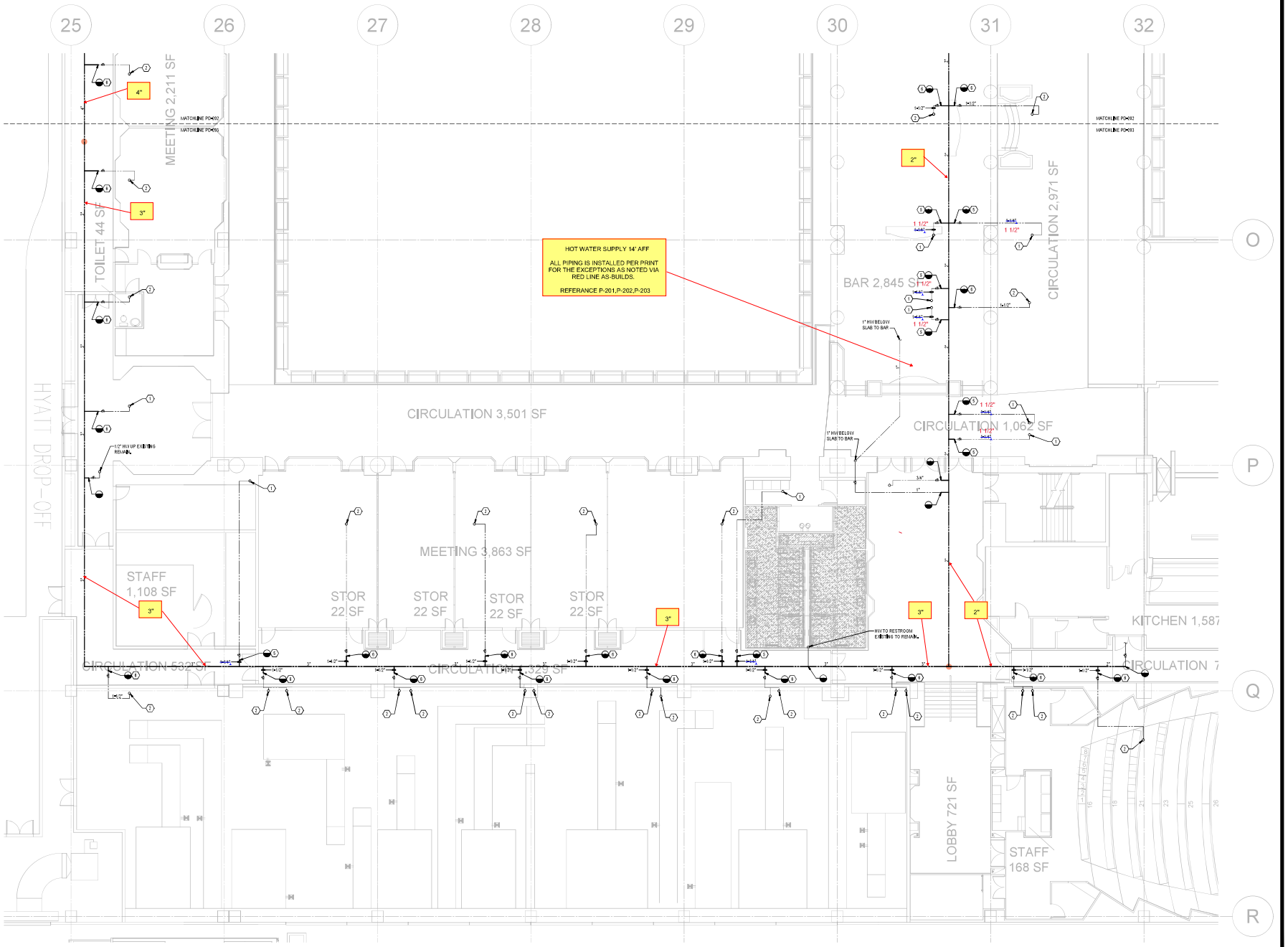
Drawing Title:

PLUMBING DEMOLITION PLAN LEVEL 4 AREA B

Drawing No.:

PD-202


Date: Feb 21, 2023 • Time: 8:13:am • Plotted By: jeff
Path: X:\JOBS\2021\21-0304-Hyatt Hot Water Piping Replacement\Drawings\14DCP\DGN\PD-202240.dwg




PLAN KEY NOTES:

1. 1-1/4 HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
2. 1-1/2" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
3. 1" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
4. 3/4" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
5. DEMO EXISTING 1-1/4" HW SUPPLY UP TO THIS APPROXIMATE LOCATION.
6. DEMO EXISTING 1-1/2" HW SUPPLY UP TO THIS APPROXIMATE LOCATION.

GREATER ORLANDO AVIATION AUTHORITY

V-00981

# HYATT 4TH FLOOR WATER HEATER PIPING REPAIR

ORLANDO

AIRPORT


SGM ENGINEERING
CA #30000
[illegible]
Orlando, FL 32814
[illegible]
[illegible]
WWW.SGMENGINEERING.COM
Copyright © 2022 SGM Engineering, Inc.
EB#8 & LC#26000400


JULIAN HARRIS
FL68794

Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 12/07/22 | ADDENDUM #1 |

Project No.:
Designed By: JH
Drawn By: JH
Checked By: JS
Issue Date: 11/14/2022
Drawing Scale: 1/8" = 1'-0"

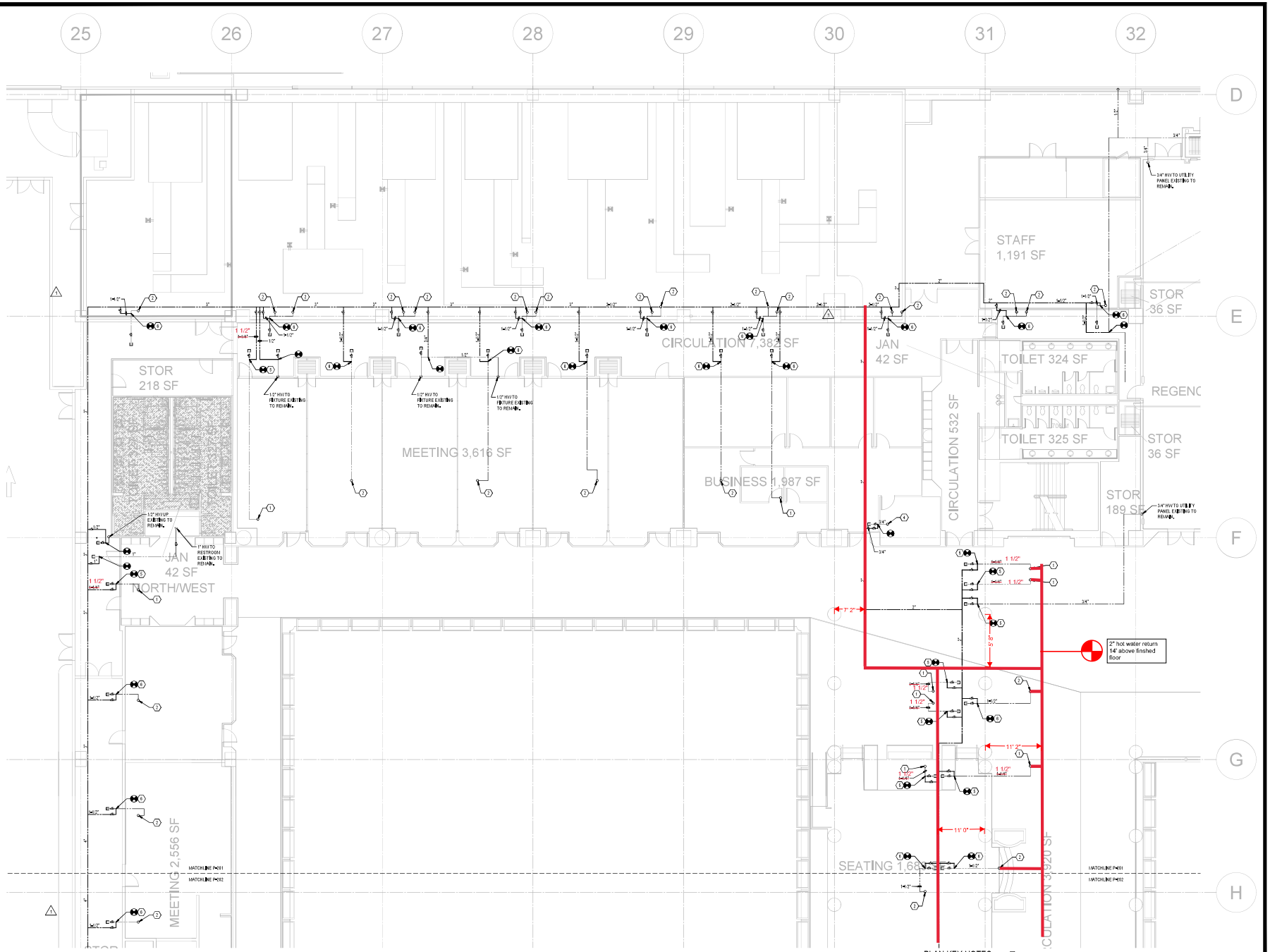
Drawing Title:

PLUMBING DEMOLITION PLAN LEVEL 4 AREA C

Drawing No.:

PD-203


Date: Feb 21, 2023 • Time: 8:13:am • Plotted By: JH
Path: X:\PROJECTS\2022\22-0400-Hyatt Hot Water Piping Replacement\Drawings\14DUPDGTL-202240D.dwg




PLAN KEY NOTES:

1. 1"-14 HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
2. 1-1/2" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
3. 1" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
4. 3/4" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
5. CONNECT NEW 1-1/4" HW SUPPLY TO EXISTING 1-1/4" HW BRANCH SERVING HOTEL GUEST ROOM HW RISERS. PROVIDE NEW FULL PORT BALL VALVE.
6. CONNECT NEW 1-1/2" HW SUPPLY TO EXISTING 1-1/2" HW BRANCH SERVING HOTEL GUEST ROOM HW RISERS, PROVIDE NEW FULL PORT BALL VALVE.
7. CONNECT NEW 4" HW SUPPLY TO EXISTING 4" HW RISER.
8. PROVIDE NEW 4" BUTTERFLY VALVE.

GREATER ORLANDO AVIATION AUTHORITY

V-00981

# HYATT 4TH FLOOR WATER HEATER PIPING REPAIR

ORLANDO AIRPORT


SGM ENGINEERING

JULIAN HARRIS
FL68794


Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 12/07/22 | ADDENDUM #1 |

| | |
|---|---|
| Project No. | |
| Designed By: | JH |
| Drawn By: | JH |
| Checked By: | JS |
| Issue Date: | 11/14/2022 |
| Drawing Scale: | 1/8" = 1'-0" |

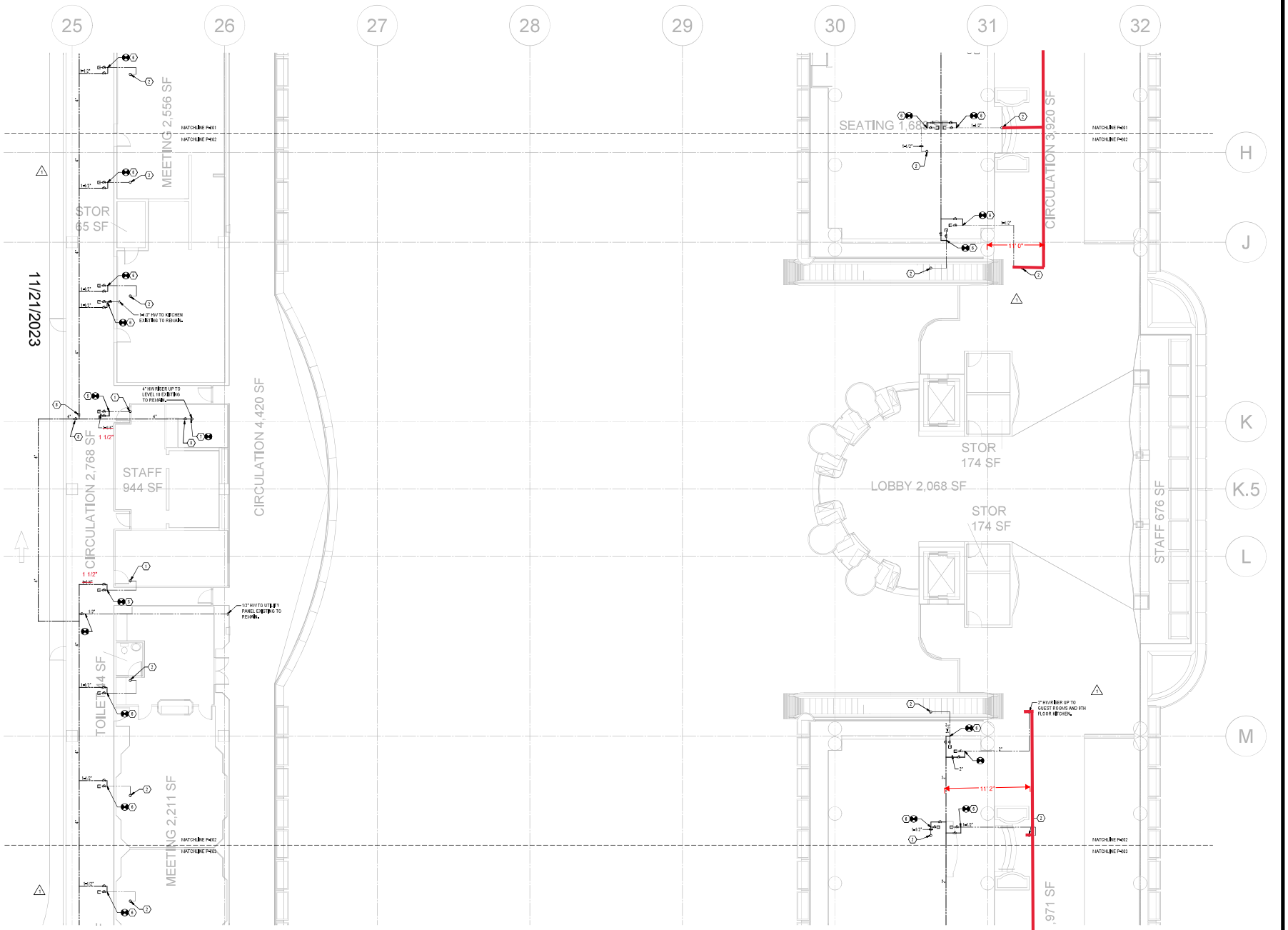
Drawing Title:

PLUMBING RENOVATION PLAN LEVEL 4 AREA A

Drawing No.

P-201


Date: Feb 21, 2023 • Time: 8:13 am • Plotted By: JH
Drawing: K:\ORL\000\000\Drawings\400\P201-Hyatt Hot Water Piping Replacement\Drawings\400-P201-20230220.dwg




PLAN KEY NOTES:

1. 1-1/4 HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
2. 1-1/2" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
3. 1" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
4. 3/4" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
5. CONNECT NEW1-1/4" HW SUPPLY TO EXISTING 1-1/4" HW BRANCH SERVING HOTEL GUEST ROOM HW RISERS. PROVIDE NEW FULL PORT BALL VALVE.
6. CONNECT NEW1-1/2" HW SUPPLY TO EXISTING 1-1/2" HW BRANCH SERVING HOTEL GUEST ROOM HW RISERS. PROVIDE NEW FULL PORT BALL VALVE.
7. CONNECT NEW4" HW SUPPLY TO EXISTING 4" HW RISER.
8. PROVIDE NEW4" BUTTERFLY VALVE.

11/21/2023

GREATER ORLANDO AVIATION AUTHORITY

V-00981

**HYATT 4TH FLOOR WATER HEATER PIPING REPAIR**

ORLANDO AIRPORT


SGM ENGINEERING


JULIAN MARTIN HARRIS LICENSE No. 93562 STATE OF FLORIDA PROFESSIONAL ENGINEER

JULIAN HARRIS
FL68794

Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 12/07/22 | ADDENDUM #1 |

| | |
|---|---|
| Project No. | |
| Designed By: | JH |
| Drawn By: | JH |
| Checked By: | JS |
| Issue Date: | 11/14/2022 |
| Drawing Scale: | 1/8" = 1'-0" |

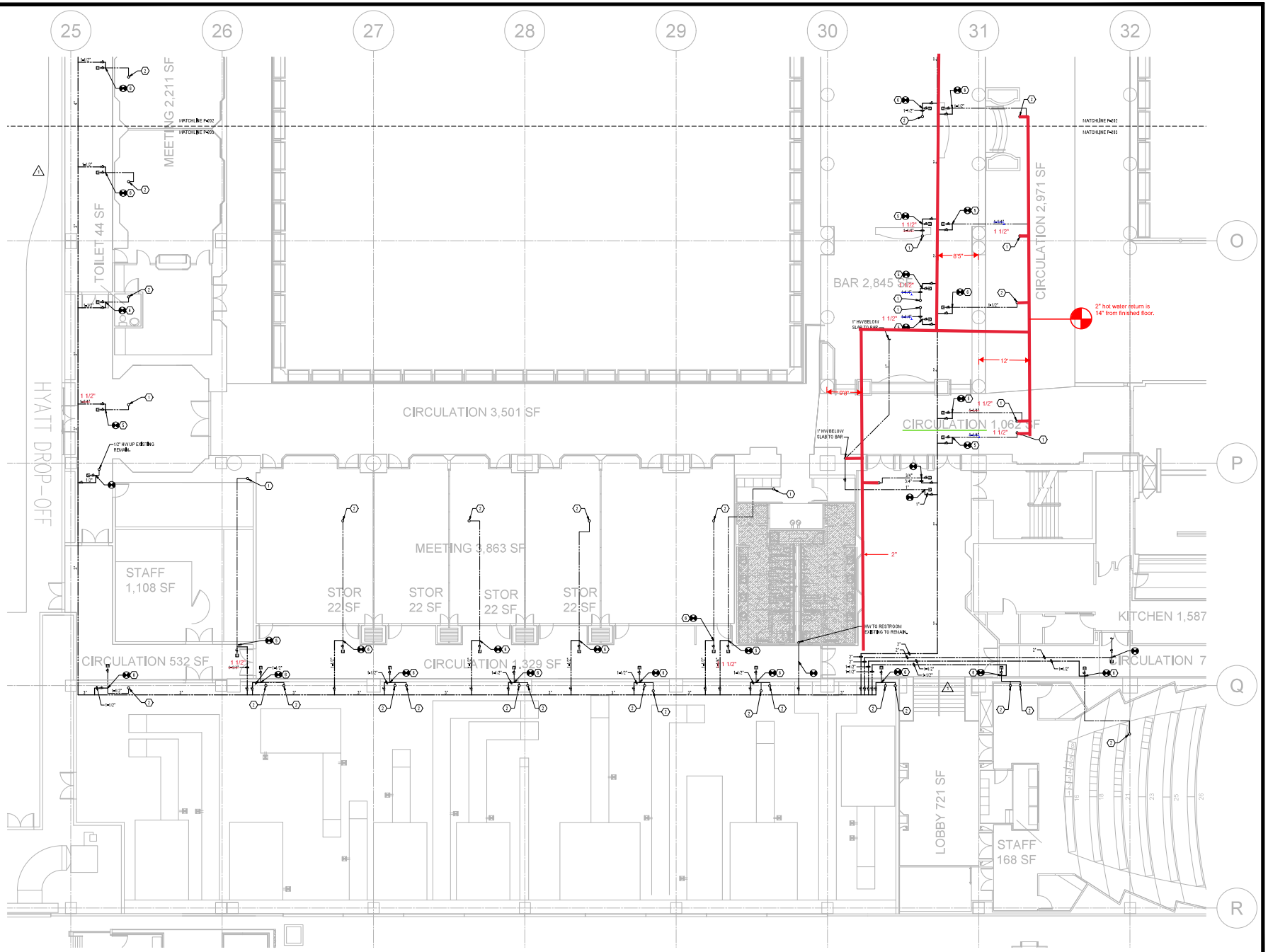
Drawing Title:

PLUMBING RENOVATION PLAN LEVEL 4 AREA B

Drawing No.

P-202


Date: Feb 21, 2023 • Time: 8:14 am • Plotted By: JHarris
Drawing: N:\ORLDOC\2021\21-0503\CAD\Hyatt Hot Water Piping Replacement\Drawings\1400x2100_Hyatt Hot Water Piping Replacement.dwg




PLAN KEY NOTES:

1. 1-1/4 HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
2. 1-1/2" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
3. 1" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
4. 3/4" HW RISER UP TO GUEST ROOMS EXISTING TO REMAIN.
5. CONNECT NEW 3-1/4" HW SUPPLY TO EXISTING 1-1/4" HW BRANCH SERVING HOTEL GUEST ROOM HW RISERS. PROVIDE NEW FULL PORT BALL VALVE.
6. CONNECT NEW 1-1/2" HW SUPPLY TO EXISTING 1-1/2" HW BRANCH SERVING HOTEL GUEST ROOM HW RISERS. PROVIDE NEW FULL PORT BALL VALVE.
7. CONNECT NEW 4" HW SUPPLY TO EXISTING 4" HW RISER.
8. PROVIDE NEW 4" BUTTERFLY VALVE.

GREATER ORLANDO AVIATION AUTHORITY

V-00981

**HYATT 4TH FLOOR WATER HEATER PIPING REPAIR**

ORLANDO

AIRPORT


SGM ENGINEERING


JULIAN MARTIN HARRIS LICENSE No. 93562 STATE OF FLORIDA PROFESSIONAL ENGINEER

JULIAN HARRIS
FL68794

Revisions

| No. | Date | Description |
|---|---|---|
| 1 | 12/07/22 | ADDENDUM #1 |

| | |
|---|---|
| Project No. | |
| Designed By: | JH |
| Drawn By: | JH |
| Checked By: | JS |
| Issue Date: | 11/14/2022 |
| Drawing Scale: | 1/8" = 1'-0" |

Drawing Title:

PLUMBING RENOVATION
PLAN LEVEL 4 AREA C

Drawing No.

P-203


Date: Feb 21, 2023 • Time: 8:14 am • Plotted By: jahn
Drawing: N:\CAD\2022\22-0000\22-0000-Hyatt Hot Water Piping Replacement\Drawings\1-60x42\P-203_*v2023-02.dwg

SGM ENGINEERING
MEP CONSULTING ENGINEERS

Orlando, Florida
Tampa, Florida

Miami, Florida

935 Lake Baldwin Lane
Orlando, FL 32814

Tel: 407-767-5188
Fax: 407-767-5772
sgmeng@sgmengineering.com

# *Letter of Transmittal*

**TO:** GOAA

,
( ) - 0 FAX:

**PROJ #:** 2022-400

**PROJECT:** GOAA Hyatt Hot Water Piping Replacement

**ATTN:** Alex Sorondo

**COPIES TO:**

**DATE:** July 6, 2023

**WE TRANSMIT:** Herewith

**FOR YOUR:** Use

**THE FOLLOWING:** Shop Drawings/RFI

**Via:**
- E-mail
- Delivery
- Pick Up
- Overnight
- Second Day
- FAX

*Corrections or comments made on equipment submittals or shop drawings during this review do not relieve contractor from compliance with requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for: confirming and correlating all quantities and dimensions: selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades and performing his work in a safe and satisfactory manner.*

| Submittal Item | Copies | Action | Reviewed By |
|---|---|---|---|
| RFI #4 Riser Size | 1 | Responded to RFI | Julian H |

*Question:*
*Please see attached.*

*Response:*
*Please increase the size of the tees and ball valves to 1-1/2" to match the size of the risers as required.*

**PREPARED BY:** **Kelsey Kappas**
Administrative Assistant

GOMEZ
Construction Company

750 Jackson Avenue
Winter Park, FL 32789
PH: (407) 628-4353
Fax: (407) 645-2499

# REQUEST FOR INFORMATION (RFI)

**To:**

RFI No.: 004
Date: June 29, 2023
Sheet: _____ Of _____

**Project:** **V-00981 Hyatt 4th Floor piping** **Proj. #** 23-04

Date Information Required: _____

Reference: Contract Drawing: _____ Specification: _____
Shop Drawings: _____ Other: _____

**Subject: Tie-in to existing valves**

Description:
As we have been installing the hot water return mains we have found that the water risers that are marked on the plans as 1 ¼" are actually 1 ½". Do we need to increase the tees and ball valves to match the existing risers?

Pending your reply we are proceeding as follows:

Awaiting your reply

Contractor's Signature: Bob Lacey

Response:

A/E's Signature: _____

cc:

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by John Volpe, PMO)*

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Amendment to Addendum No. 40 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Design, Bid & Award Services for Previously Deferred STC Airfield Civil P1X Apron & Taxiway Restart for W-S110 South Terminal C (Phase 1) – Architect of Record Services (& Major Subs) at the Orlando International Airport**

---

On April 5, 2022, the Construction Committee recommended approval of Addendum No. 40 for $735,088.00 to the above referenced agreement, which was subsequently approved by the Aviation Authority Board on April 22, 2022.

Since that time, it has been discovered that additional Design Phase Services (DPS) to produce an Opinion of Probable Construction Cost Estimate for BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, including additive alternates for the North RON Parking Area and the Ground Support Equipment Facility are required, as further described in Consultant's proposal dated November 21, 2023.

Therefore, it is requested that the additional Design Phase Services in the amount of $70,627.00 are approved using the remaining balance under Addendum No.40 in the amount of $36,936.00 (to no effect to the scope proposed under original Addendum No.40 since it was already completed), and that the Construction Committee approve an additional Lump Sum Fee of $33,691.00 for additional Design Phase Services.

If approved, these services would be effective date of the Construction Committee approval.

Consultant shall, with each monthly invoice, certify that the assigned work and services are on schedule to be completed within the contracted lump sum price, or provide at time of certification a written notice to the Authority of any deviations.

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from General Airport Revenue Bonds. Funding source verified by Melvin Martinez of Construction Finance on 12 / 1 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Amendment to Addendum No.40 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for the remaining balance of $36,936.00 under Addendum No.40 to be applied to this Amendment, and additional $33,691.00 in Lump Sum Fees for the services contained herein and amount as shown below:

| | |
|---|---|
| Addendum No.40 | ($36,936.00) |
| Lump Sum Fees | $70,627.00 |
| Not to Exceed Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$33,691.00** |
| AAC – Compliance Review Date | EW 12/1/23 |
| AAC – Funding Eligibility Review Date | 12/1/23 |

**HNTB Corporation**
The HNTB Companies
Infrastructure Solutions

200 Colonial Center Parkway
Suite 140
Lake Mary, Florida 32746

Telephone (407) 805-0355
Facsimile (866) 205-1648
www.hntb.com

November 30, 2023

Mr. Scott Shedek, PE
Vice President of Construction
**Greater Orlando Aviation Authority**
Orlando International Airport
One Jeff Fuqua Blvd.
Orlando, FL 32827-4399

Re: **Proposal for Design Cost Estimating**
**BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, Orlando International Airport,** HNTB Job No. 61581

Dear Mr. Shedek:

As requested by the Authority and the Program Management Oversight (PMO) consultant, HNTB is pleased to submit this lump sum fee proposal for additional design services for cost estimating to produce an Opinion of Probable Construction Cost for the federally funded BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, including additive alternates for the North RON Parking Area and the Ground Support Equipment Facility. As you know, cost estimating for the Terminal C program was previously done under the prior OAR team. In this case the Authority / PMO is requesting these estimates to be provided by the design team.

**SCOPE OF WORK:**
Cost estimates will be led by each of the engineers and architect of record for the three elements of the project, including Kimley Horn Associates (Airfield Civil), Rhodes+Brito (GSE Building and Grinder Station Canopies) and TYLin (GSE equipment and site). Their three proposals are included herein.

HNTB is not proposing any services or fees with this proposal.

**SCHEDULE:**
The estimates are proposed to be submitted by December 12, 2023.

**DELIVERABLES:**
The estimates with be submitted to the Authority / PMO team as Opinions of Probable Construction Cost for the previously mentioned three elements of the project.

**FEE SUMMARY and DBE PARTICIPATION:**
The DBE participation and the proposed lump sum fees are as follows and in the supporting documentation attached.

| GOAA South Terminal C Phase 1X | | | |
|---|---|---|---|
| BP-S196 (Airfield Civil) Design Team Costs Estimating | | | |
| 11/30/2023 | | | |
| **Firm** | **DBE** | **Lump Sum Fee** | **Role** |
| **HNTB Corporation** | | $ - | Prime Consultant |
| Rhodes Brito Architects, Inc. | 13.56% | $ 1,520 | Architect of Record - GSE Facility |
| Connico | 86.44% | $ 9,687 | Cost Estimating Services |
| **Subtotal** | **100.00%** | **$ 11,207.00** | |
| **Kimley-Horn** | | $ 4,442.00 | Engineer of Record - Airfield Civil |
| Connico | 82.23% | $ 20,558.00 | Cost Estimating Services |
| **Subtotal** | **82.23%** | **$ 25,000.00** | |
| **TY LIN International** | | $ 6,544.00 | Engineer of Record - GSE Facility Fuel |
| AVCON, Inc | | $ 4,060.00 | Engineer of Record - GSE Facility Site |
| Voltair, Inc. | 6.48% | $ 2,232.00 | Engineer of Record - GSE Facility Electrical |
| Connico | 62.71% | $ 21,584.00 | Cost Estimating Services |
| **Subtotal** | **69.19%** | **$ 34,420.00** | |
| | | | |
| **Total Contract** | | **$ 70,627.00** | |
| **TOTAL DBE** | **78.70%** | **$ 55,581.00** | |

In summary, it is respectfully requested that the proposal be approved in the Total Lump Sum amount shown above for the design cost estimating services.

We sincerely appreciate this opportunity to continue to work with the Authority and Jacobs PMO team on this project. If you have any questions, please do not hesitate to let me know.

Respectfully submitted,
**HNTB Corporation**

William G. Brooks, PE
Senior Program Director

Cc: Max Marble, PE, Sr. Vice President of Capital Programs, GOAA
Christina Taylor, Senior Project Manager, GOAA
John Volpe, Jacobs / PMO
Gunther Zurstadt, PE, Sr. Project Manager, HNTB
Erik Lange, PE, Sr. Project Manager, HNTB
Mark Bryan, MBA, Project Business Manager, HNTB

Attachments: Supporting Documentation

November 21, 2023

William G. Brooks, PE
HNTB Corporation
11346 Terminal C Service Road
Orlando, FL 32824

Re: Letter Agreement for Professional Services for Preparation of an Opinion of Probable Construction Cost for MCO STC BP-S196 Base Bid and Add Alternate No. 1

Dear Mr. Brooks:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "Consultant") is pleased to submit this Letter Agreement (the "Agreement") to HNTB Corporation ("Client") for providing an Opinion of Probable Construction Cost (OPCC) for MCO STC BP-S196 Base Bid and Add Alternate No. 1.

**Project Understanding**

It is understood that the project scope consists of preparing an Opinion of Probable Construction Cost (OPCC) for BP S-196 Airfield Civil Package + Add Alt 1 for the civil work associated with the apron around the South Terminal. This will include the final grading, base, drainage, paving and electrical work associated with the construction of this apron. Kimley-Horn shall provide the OPCC service via a subconsultant (Connico).

**Scope of Services**

Kimley-Horn shall provide the services specifically set forth below through our subconsultant Connico. Kimley-Horn will provide administrative and management services associated with the subconsultant's work.

Task 1: 100% Design Estimate

An Opinion of Probable Construction Cost (OPCC) will be prepared for the BP S-196 Base Bid and Add Alternate No. 1 project as defined in the 100% Construction Documents prepared by Kimley-Horn and the Design Team. The OPCC will be prepared using a labor, equipment and materials estimation methodology, similar that used by industry construction contractors.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Subconsultant will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Subconsultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Subconsultant's estimates of probable construction costs are made on the basis of Subconsultant's professional judgment and experience. Subconsultant makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Subconsultant's estimate of probable construction cost.

Subconsultant will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

Deliverables
The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Subconsultant's opinion of probable construction cost of the project based on the documents provided by the Client. Subconsultant is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Subconsultant's professional experience and information provided by the design team. The notes will also include any other comments about the project that Subconsultant believes are relevant.

Subconsultant will provide an electronic copy of the report.

In the event that supplemental information is furnished to Subconsultant after a task has begun, and such information requires changes to any quantity take-off currently in progress, Subconsultant reserves the right to request additional compensation for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

**Additional Services**

Any services not specifically provided for in the above scope will be billed as additional services and performed at our then current hourly rates.

**Information Provided By Client**

We shall be entitled to rely on the completeness and accuracy of all information provided by the Client or the Client's consultants or representatives. The Client shall provide all information requested by Kimley-Horn during the project.

**Schedule**

The services shall be provided as expeditiously as practicable with the goal of delivering the OPCC Report by December 12, 2023.

**Fee and Expenses**

Kimley-Horn will perform the services in Task 1 for the total lump sum fee below. Individual task amounts are informational only. All permitting, application, and similar project fees will be paid directly by the Client.

| Position: | QC Reviewer | | Sr. Program Manager | | Sr Project Manager | | Sr. Engineer | | Engineer | | Engineering Intern | | Sr CADD Designer | | CADD Technician | | Sr. Administrative | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $268 | | $249 | | $248 | | $188 | | $133 | | $111 | | $131 | | $104 | | $78 | | | | Avg. Hourly |
| Kimley Horn and Associates | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| Opinion of Probable Construction Cost (OPCC) | | | | | | | | | | | | | | | | | | | | | |
| | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Opinion of Probable Construction Cost (OPCC) | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Team Manange | | $0 | 4.00 | $996 | 4.00 | $992 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | 8 | $1,988 | $249 |
| SOW/Bid Schedule/Estimate Coordination | | $0 | | $0 | 4.00 | $992 | | $0 | 8.50 | $1,131 | | $0 | | $0 | | $0 | 4.25 | $332 | 17 | $2,454 | $147 |
| | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| | 0 | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| **Sub-Total OPCC Svcs** | **0** | **$0** | **4.00** | **$996** | **8.00** | **$1,984** | **0.00** | **$0** | **8.50** | **$1,131** | **0** | **$0** | **0.00** | **$0** | **0** | **$0** | **4.25** | **$332** | **25** | **$4,442** | **$179** |
| Closeout | | | | | | | | | | | | | | | | | | | | | |
| As-Built Submittals Review - Civil Plan Set (121 Shts) | 0 | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Prepare Record Documents (Plans and Specs.) | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Subconsultant Coordination | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Permit Coordination and Close-Out (4 permits) | 0 | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| **Sub-Total Closeout** | **0** | **$0** | **0.00** | **$0** | **0.00** | **$0** | **0.00** | **$0** | **0.00** | **$0** | **0** | **$0** | **0.00** | **$0** | **0** | **$0** | **0.00** | **$0** | **-** | **$0** | **#DIV/0!** |
| **TOTAL NOT TO EXCEED REIMBURSABLE FEE:** | **0** | **$0** | **4.00** | **$996** | **8.00** | **$1,984** | **0.00** | **$0** | **8.50** | **$1,131** | **0** | **$0** | **0.00** | **$0** | **0** | **$0** | **4.25** | **$332** | **25** | **$4,442** | **$179** |

OPCC Service to be provided by Connico fee is $20,558.

| | |
|---|---|
| Task 1 100% Design Estimate | $25,000.00 |
| Total Lump Sum Labor Fee | $25,000.00 |

We appreciate the opportunity to provide these services. Please contact me if you have any questions.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Rev 12/2022

Signed: 

Printed Name:  Jonathan A. Martin, P.E.

Title:  Senior Vice President*]*

Attachment – Connico Proposal

2594 N. Mount Juliet Road
Mount Juliet, TN 37122

(615) 994-1980
www.connico.com

November 9, 2023

Steven B. Cornell, PE
Kimley-Horn
189 South Orange Ave, Suite 1000
Orlando, FL 32801

**RE: Connico Scope and Fee Proposal**
**South Terminal Airfield Construction**
**Greater Orlando Airport Authority**
**Orlando, FL 32827**

Dear Steve:

We are pleased to present our fee proposal for the referenced project. Connico will perform the services outlined in this proposal.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team



David J. Hunley, PE
Vice President
dhunley@connico.com

Connico Project No. 6107.23.01

## *SCOPE OF WORK AND FEE*

***Project Scope***

It is understood that the project scope consists of the civil work associated with the apron around the South Terminal. This will include the final grading, base, drainage, paving and electrical work associated with the construction of this apron.

The construction budget has not been established.

***Basic Scope of Services***

Connico proposes to provide the following services:

- 100% Design Estimate
- Add Alt. 1 Estimate

Each phase includes an initial scope of work review meeting and a draft deliverable review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purpose of providing an opinion of probable cost is not included**.** No onsite meetings have been included. Should they be required, they will be considered Additional Services and compensated as such. The only weekly design meetings included in this proposal are the ones that will occur a couple of weeks before our work begins. Should attendance at all weekly design meetings be required, this will be considered Additional Services and compensated for as such. Quantities of work will be furnished by Kimley-Horn. This proposal is for design phase services only; construction phase services are not included.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Connico will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Connico's estimate of probable construction cost.

Connico will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

***Deliverables***

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

## *SCOPE OF WORK AND FEE*

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Connico's professional experience and information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the report.

The report shall be prepared and delivered by December 12, 2023 provided all design information required is received by Connico. In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

***Proposed Fees (Basic Scope of Services)***

| | |
|---|---|
| 100% Design Estimate (Lump Sum) | $16,634.00 |
| Add Alt. 1 Estimate | $3,924.00 |
| ***TOTAL FEE (Lump Sum)*** | ***$20,558.00*** |

The proposed fees are based on providing all listed estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate fees.
Services not set forth above are specifically excluded from the scope of Connico's services. Connico assumes no responsibility to perform any services not specifically listed herein.

***Additional Services***

The Basic Scope Services do not include cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems, reconciliation estimates or services, and meetings not included within the base proposal. Additional Services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for the Basic Scope of Services, at the rates included within the agreement.

Proposal submitted by:



_____
David J. Hunley, PE
Vice President

November 20, 2023

William Brooks
Program Director
HNTB Corporation
610 Crescent Exec. Ct., Suite 400
Lake Mary, FL 32746

Project: STC Ground Support Equipment (GSE) Facility

Subject: Architect's Cost Estimate Proposal

Dear Mr. Brooks,

As requested, please find this proposal for the Architect's Opinion of Probable Construction Cost for our DBE sub-consultant Connico to perform the estimate for the GSE Admin / Operations Building and the two Canopies over the grinder pump stations, which are within the Add Alt No. 2 under BP-S196. Connico's scope of services, assumptions and the associated fee for these services are included in the attachment. Rhodes + Brito has included time under this effort to respond to any questions from the estimator and will forward the estimates received to the HNTB team.

Should you have any questions, please do not hesitate to call.

Sincerely,

Sincerely,

**RHODES+BRITO ARCHITECTS INC.**

Sr. Project Manager

Cc: Max Brito, AIA
Adel Shalaby, AIA

2594 N. Mount Juliet Road
Mount Juliet, TN 37122

(615) 994-1980
www.connico.com

November 17, 2023

Don Williams,
Rhodes+Brito Architects
605 East Robinson Street, Suite 750,
Orlando, FL 32801

**RE: Connico Scope and Fee Proposal**
**South Terminal C – GSE Operations Building**
**Greater Orlando Airport Authority**
**Orlando, FL 32827**

Dear Don:

We are pleased to present our fee proposal for the referenced project. Connico will perform the services outlined in this proposal.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team



Charl J. Neser, MRICS, CCP
Director
cjneser@connico.com

Connico Project No. 6107.23.02

## *SCOPE OF WORK AND FEE*

### *Project Scope*

It is understood that the project scope consists of a GSE Operations Office together with two (2) Grinder Station canopies. All other buildings, civil and sitework is part of a different project and not part of this scope of work.

The construction budget has not been established.

### *Basic Scope of Services*

Connico proposes to provide the following services:

- ⇓ 100% Design Estimate

Each phase includes an initial scope of work review meeting and a draft deliverable review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purpose of providing an opinion of probable cost is not included**.** No onsite meetings have been included. Should they be required, they will be considered Additional Services and compensated as such. The only weekly design meetings included in this proposal are the ones that will occur a couple of weeks before our work begins. Should attendance at all weekly design meetings be required, this will be considered Additional Services and compensated for as such. This proposal is for design phase services only; planning and construction phase services are not included.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Connico will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Connico's estimate of probable construction cost.

Connico will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

### *Deliverables*

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

## *SCOPE OF WORK AND FEE*

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Connico's professional experience and information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the report.

The report shall be prepared and delivered by December 12, 2023, assuming all design information required is received by Connico. In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

***Proposed Fees (Basic Scope of Services)***

| | | |
|---|---|---|
| ⇓ | 100% Design Estimate | $9,687.00 |
| | ***TOTAL FEE (Lump Sum)*** | ***$9,687.00*** |

The proposed fees are based on providing all listed estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate fees.

Services not set forth above are specifically excluded from the scope of Connico's services. Connico assumes no responsibility to perform any services not specifically listed herein.

***Additional Services***

The Basic Scope Services do not include cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems, reconciliation estimates or services, and meetings not included within the base proposal. Additional Services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for the Basic Scope of Services, at the rates included within the agreement.

Proposal submitted by:



_____
Charl J. Neser, MRICS, CCP
Director

TYLin

November 21, 2023

Mr. William G. Brooks, PE
Sr. Program Director, HNTB Architect of Record Team
South Terminal C, Orlando International Airport
HNTB CORPORATION
11346 Terminal C Service Road
Orlando, FL 32824

**Reference:** Revised Request for Amendment to Task Order 11 to Prepare an Engineer's Estimate of Probable Construction Cost for the Bid Alternate No.2, for the GSE Facility Civil, Electrical, Mechanical and Equipment in BP-196.

Dear Mr. Brooks,

This is our revised request for an Amendment to Task Order 11 to prepare Engineer's Estimate of Probable Construction Cost for the Bid Alternate No.2, the GSE Facility Civil, Electrical, Mechanical and Equipment in BP-196. These services will be provided by an amendment to Task Order 11 under our existing MASTER/TASK ORDER AGREEMENT BETWEEN HNTB AND SUBCONSULTANT, dated February 5, 2016, copy attached.

Our scope of services, assumptions and the associated fee for these services are included in Exhibit "A" and are based on your e-mail correspondences of November 17, 2023.

Connico will prepare the Engineer's Estimate of Probable Construction Cost with input from the designers TYLin, Avcon, and Voltair as needed to answer Connico questions on the scope of work. Connico's Scope and Fee Proposal is attached. An estimate of the designers' fee to assist Connico is also included.

Total fee requested for this scope of services is $34,420.00. We will deliver the Engineer's Estimate of Probable Construction Cost on or before December 12, 2023.

We look forward to working with you on the successful completion of this task. Should you have any questions, please do not hesitate to call.

Sincerely,

Michael Miller

Michael K. Miller, P.E.
Vice President
Attach: Exhibit "A" Scope of Services, Assumptions and Fee Estimate
Exhibit "B" Email Requesting Services
Exhibit "C" Connico Scope and Fee Proposal
Exhibit "D" TYLIN INTERNATIONAL Task Order, TASK ORDER NUMBER: 11

TYLin

**EXHIBIT "A" SCOPE OF SERVICES, ASSUMPTIONS AND FEE ESTIMATE**

## 1.0 DESCRIPTION OF THE PROJECT

Prepare an Engineer's Estimate of Probable Construction Cost for Bid Alternate No.2, the GSE Facility Civil, Electrical, Mechanical and Equipment in BP-196. The estimate will be prepared by Connico with input from the designers as needed to clarify the scope of work.

## 2.0 SCOPE OF SERVICES FOR THE ESTIMATE

The scope of services to be provided include 100 % Design Estimate for the following:

**2.1.** The civil work associated with the GSE facility site, including final grading, base, drainage, paving and electrical work.

**2.2.** In addition to the civil scope of work, the scope includes eight trash compactors, the gasoline and diesel fuel station, two oil-water separators, two grinder stations and all site utilities, lighting and fencing are included.

**2.3.** Per the Connico scope of services two meetings are planned by teleconference. One meeting to review the initial scope of work and one meeting to review the draft cost estimate. One representative from each of the designers will attend each of the two meetings. Attendance at weekly meeting was excluded in the Connico proposal.

## 4.0 ASSUMPTIONS

**4.1** Review the attached Connico Scope of Work and FEE document for assumption, exclusions, criteria, and clarifications for the estimate. No site visit is included.

**4.2** Additional services are not included but can be provided with additional compensation and time to provide the additional services. No additional services will be provided without written authorization.

**4.3** Connico to be provided with the bid documents in electronic PDF form.
.

**4.4** Any services not specifically noted in this proposal are not included.

**4.5** A mutually agreeable sub-agreement between TYLin and Connico can be executed.

**4.6** The task is to be completed by December 12, 2023.

TYLin

## 5.0 SCHEDULE AND DELIVERABLES

**5.1** The Deliverable will be an electronic copy of the final Estimate of Probable Construction Cost for BP-196 Bid Alternate No.2, GSE Facility.

**5.2** The initial scope review meeting is scheduled for TBD and the draft estimate review meeting is scheduled for TBD.

**5.3** The electronic copy of the final Estimate of Probable Construction Cost will be delivered on December 12, 2023.

## 6.0 FEE FOR ESTIMATE OF PROBABLE CONSTRUCTION COST

**6.1** Connico's Fee for the services to prepare the estimate is a lump sum of $21,584.00.

**6.2** Designers' lump sum fee for assisting Connico to prepare the estimate is $12,836.00.

**6.3** Total Fee request is $34,420.00.

2594 N. Mount Juliet Road
Mount Juliet, TN 37122

(615) 994-1980
www.connico.com

November 21, 2023

**Michael K. Miller, PE**
**TYLin International**
**201 Alhambra Circle, Suite 900,**
**Coral Gables, FL**

**RE: Connico Scope and Fee Proposal**
**South Terminal Airfield Construction**
**Greater Orlando Airport Authority**
**Orlando, FL 32827**

Dear Michael:

We are pleased to present our revised fee proposal for the referenced project. Connico will perform the services outlined in this proposal.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team



Charl J. Neser, MRICS, CCP
Director
cjneser@connico.com

Connico Project No. 6107.23.03

## *SCOPE OF WORK AND FEE*

***Project Scope***

It is understood that the project scope consists Bid Alternate 2: Ground Support Equipment (GSE) Facility:

- Underground utilities including drainage, potable water, sanitary, power, and fiber.
- Construction of all grading, base and pavement for the GSE facility, fuel facility, grinder stations with canopies (Excluded), building (Excluded), emergency power generator, domestic and international trash garbage facilities, fencing, markings, signage, and lighting.

The construction budget has not been established.

***Basic Scope of Services***

Connico proposes to provide the following services:

- 100% Design Estimate

Each phase includes an initial scope of work review meeting and a draft deliverable review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purpose of providing an opinion of probable cost is not included**.** No onsite meetings have been included. Should they be required, they will be considered Additional Services and compensated as such. The only weekly design meetings included in this proposal are the ones that will occur a couple of weeks before our work begins. Should attendance at all weekly design meetings be required, this will be considered Additional Services and compensated for as such. This proposal is for design phase services only; construction phase services are not included.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Connico will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Connico's estimate of probable construction cost.

Connico will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

***Deliverables***

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

***SCOPE OF WORK AND FEE***

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Connico's professional experience and information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the report.

The report will be issued on or before December 12th, 2023~~, if and only if the agreements is in place and all relevant information (drawings, sketches, est.) has been issued to Connico by November 22nd, 2023.~~
In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation and time for completion for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

***Proposed Fees (Basic Scope of Services)***

| | | |
|---|---|---|
| □ | 100% Design Estimate (Lump Sum) | $21,584.00 |
| | ***TOTAL FEE (Lump Sum)*** | ***$21,584.00*** |

The proposed fees are based on providing all listed estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate fees.
Services not set forth above are specifically excluded from the scope of Connico's services. Connico assumes no responsibility to perform any services not specifically listed herein.

***Additional Services***
The Basic Scope Services do not include cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems, reconciliation estimates or services, and meetings not included within the base proposal. Additional Services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for the Basic Scope of Services, at the rates included within the agreement.

Proposal submitted by:



_____
Charl J. Neser, MRICS, CCP
Director

## KIMLEY-HORN Opinion of Probable Construction Cost (OPCC)

| Position: | Sr. Program Manager | | Sr Project Manager | | Engineer | | Sr. Administrative Asst. | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| Rate ($/Hour): | $249 | | $248 | | $133 | | $78 | | | | Avg. Hourly |
| Kimley Horn and Associates | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| Opinion of Probable Construction Cost (OPCC) | | | | | | | | | | | |
| Team Manange | 4.00 | $996 | 4.00 | $992 | | $0 | | $0 | 8.00 | $1,988 | 248.50 |
| SOW/Bid Schedule/Estimate Coordination | | $0 | 4.00 | $992 | 8.50 | $1,131 | 4.25 | $332 | 16.75 | $2,454 | 146.51 |
| **Sub-Total OPCC Svcs** | **4.00** | **$996** | **8.00** | **$1,984** | **8.50** | **$1,131** | **4.25** | **$332** | **24.75** | **$4,442** | **179.47** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-9
# CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

| FIRM | POSITION | CONTRACT HOURLY RATE |
|---|---|---|
| Rhodes Brito Architects | Principal | $174 |
| Rhodes Brito Architects | Sr. Project Manager | $164 |
| Rhodes Brito Architects | Project Manager | $131 |
| Rhodes Brito Architects | Architectural Project Manager | $118 |
| Rhodes Brito Architects | Sr Interior Designer | $117 |
| Rhodes Brito Architects | Project Architect | $120 |
| Rhodes Brito Architects | Architect | $112 |
| Rhodes Brito Architects | Sr. Architectural Designer | $103 |
| Rhodes Brito Architects | Architectural Designer | $95 |
| Rhodes Brito Architects | Construction Administrator | $90 |
| Rhodes Brito Architects | Sr. Project Administrator | $102 |
| Rhodes Brito Architects | Project Administrator | $74 |
| Rhodes Brito Architects | Document Control Specialist | $67 |
| Rhodes Brito Architects | Clerical | $49 |

CONNICO

| Date | 9-Nov-2023 |
|---|---|
| Prepared by | DJH |

**Fee Proposal Worksheet**

| Task | Description | | | | | | | | | Total Hours | Total Direct Labor | Total Expenses | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **6107.23.01 MCO South Terminal Apron Construction** | Principal | Associate Principal | Director | Chief Cost Specialist | Cost Specialist | Analyst II | Analyst I | Admin Director | | | | |
| | | | | | | | | | | | | | |
| | Loaded Billing Rate | $ 226.00 | $ 261.00 | $ 255.00 | $ 231.00 | $ 147.00 | $ 113.00 | $ 109.00 | $ 162.00 | | | | |
| | **BASIC SERVICES** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | | | | |
| | | | | | | | | | | 0 | $ - | | $ - |
| 940.04 | *Construction Document Estimate (100%)* | 2 | 2 | 4 | 8 | 40 | 40 | 16 | 4 | 116 | $ 16,634.00 | | $ 16,634.00 |
| | *Add Alt. 1 Estimate* | | | 2 | 2 | 8 | 8 | 8 | | 28 | $ 3,924.00 | | $ 3,924.00 |
| | | | | | | | | | | 0 | $ - | | $ - |
| | | | | | | | | | | 0 | $ - | | $ - |
| | **Subtotal - Basic Services** | **2** | **2** | **6** | **10** | **48** | **48** | **24** | **4** | **144** | **$ 20,558.00** | **$ -** | **$ 20,558.00** |
| | **Reimbursable Expenses** | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | **Total Fee** | | | | | | | | | | | | **$ 20,558.00** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-1
# SUMMARY OF TOTAL CONTRACT VALUE

| Phase of Project: | | TOTAL CONTRACT |
|---|---|---|
| 1.0 Lump Sum Fee: | $1,520 | **$1,520** |
| 2.0 Not to Exceed Reimbursable Fee: | $0 | **$0** |
| 3.0 Not to Exceed Reimbursable Expenses: | $0 | **$0** |
| **4.0 TOTAL CONTRACT VALUE:** | **$1,520** | **$1,520** |

| | | |
|---|---|---|
| Total Lump Sum Labor Hours: | 14.00 | **14.00** |
| Total Not to Exceed Reimbursable Labor Hours: | - | **-** |
| **TOTAL LABOR HOURS:** | **14.00** | **14.00** |
| **Average Hourly Rate:** | $108.57 | **$108.57** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-2
# SUMMARY OF LUMP SUM FEES

| Phase of Project: | Design Services | | TOTAL | | |
|---|---|---|---|---|---|
| | labor hours | Total Fee | labor hours | Cost | Avg. Rate |
| **Rhodes Brito Architects** | | | | | |
| Lump Sum Fee Subtotal Subtotal | 14.00 | $1,520 | 14.00 | $1,520 | $108.57 |
| **Total Lump Sum Amount:** | **14.00** | **$1,520** | **14.00** | **$1,520** | $108.57 |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-3
# BREAKOUT OF LUMP SUM FEES

| Position: | Sr. Project Manager | | Architect | | Project Administrator | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $164.00 | | $112.00 | | $74.00 | | | | Avg. Hourly |
| **Rhodes Brito Architects** | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Design Services** | | | | | | | | | |
| Review Cost Estimate | 2.00 | $328 | 8.00 | $896 | | $0 | 10.00 | $1,224 | $122.40 |
| Project Administration | | $0 | | $0 | 4.00 | $296 | 4.00 | $296 | $74.00 |
| **Sub-Total Design Services** | **2.00** | **$328** | **8.00** | **$896** | **4.00** | **$296** | **14.00** | **$1,520** | **$108.57** |
| **TOTAL LUMP SUM FEE:** | **2.00** | **$328** | **8.00** | **$896** | **4.00** | **$296** | **14.00** | **$1,520** | **$108.57** |

CONNICO

| Date | 17-Nov-2023 |
|---|---|
| Prepared by | CJN |

**Fee Proposal Worksheet**

| Task | Description | | | | | | | Total Hours | Total Direct Labor | Total Expenses | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6107.23.02 MCO GSE Office and Grinder Canopies | Principal | Director | Chief Cost Specialist | Senior Cost Specialist | Cost Specialist | Admin Director | | | | |
| | | | | | | | | | | | |
| | Loaded Billing Rate | $ 226.00 | $ 255.00 | $ 231.00 | $ 196.00 | $ 147.00 | $ 162.00 | | | | |
| | **BASIC SERVICES** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | | | | |
| 940 | Estimating | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $ - | $ - | $ - |
| 940.04 | Construction Document Estimate (100%) | 1 | 1 | 12 | 32 | 0 | 1 | 47 | $ 9,687.00 | $ - | $ 9,687.00 |
| | | | | | | | | 0 | $ - | | $ - |
| 940.04 | *Construction Document Estimate (100%)* | | | | | | | 0 | $ - | | $ - |
| | *Opp. Offices* | 1 | 1 | 8 | 24 | | 1 | 35 | $ 7,195.00 | | $ 7,195.00 |
| | *2 x Grinder Canopies* | | | 4 | 8 | | | 12 | $ 2,492.00 | | $ 2,492.00 |
| | | | | | | | | 0 | $ - | | $ - |
| | | | | | | | | 0 | $ - | | $ - |
| | **Subtotal - Basic Services** | **1** | **1** | **12** | **32** | **0** | **1** | **47** | **$ 9,687.00** | **$ -** | **$ 9,687.00** |
| | **Reimbursable Expenses** | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | **Total Fee** | | | | | | | | | | **$ 9,687.00** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-1
# SUMMARY OF TOTAL CONTRACT VALUE

| Phase of Project: | Meetings and Questions | TOTAL CONTRACT |
|---|---|---|
| | $0 | **$0** |
| 1.0 Lump Sum Fee: | $12,836 | **$12,836** |
| 3.0 Not to Exceed Reimbursable Expenses: | $0 | **$0** |
| **4.0 TOTAL CONTRACT VALUE:** | **$12,836** | **$12,836** |
| | | |
| | - | - |
| Total Lump Sum Labor Hours: | 64.00 | **64.00** |
| **TOTAL LABOR HOURS:** | **64.00** | **64.00** |
| **Average Hourly Rate:** | $200.56 | **$200.56** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-4
# SUMMARY OF NOT TO EXCEED REIMBURSABLE FEES AND EXPENSES

| Phase of Project: | Meetings and Questions | | TOTAL | | |
|---|---|---|---|---|---|
| **T.Y. Lin International** | **labor hours** | **Total Fee** | **labor hours** | **Cost** | **Avg. Rate** |
| **T.Y. Lin International** | | | | | |
| Lump Sum Fee | 24.00 | $6,544 | 24.00 | $6,544 | 273 |
| Not to Exceed Reimbursable Expenses | | $0 | | $0 | |
| **Subtotal T.Y. Lin International** | **24.00** | **$6,544** | **24.00** | **$6,544** | 273 |
| **AVCON, Inc.** | | | | | |
| Lump Sum Fee | 20.00 | $4,060 | 20.00 | $4,060 | 203 |
| Not to Exceed Reimbursable Expenses | | $0 | | $0 | |
| **Subtotal AVCON, Inc.** | **20.00** | **$4,060** | **20.00** | **$4,060** | 203 |
| **VoltAir Consulting Engineers, Inc** | | | | | |
| Lump Sum Fee | 20.00 | $2,232 | 20.00 | $2,232 | 112 |
| Not to Exceed Reimbursable Expenses | | $0 | | $0 | |
| **Subtotal VoltAir Consulting Engineers, Inc** | **20.00** | **$2,232** | **20.00** | **$2,232** | 112 |
| **Total Not to Exceed Amount:** | **64.00** | **$12,836** | **64.00** | **$12,836** | 201 |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-5
# BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES

| Position: | Sr. Engineer | | Principal | | TOTAL | | |
|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $246 | | $326 | | | | Avg. Hourly |
| T.Y. Lin International | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Meetings and Questions** | | | | | | | |
| Attend Scope Review Meeting and Prepare Minutes | 4.00 | $984 | 2.00 | $652 | 6.00 | $1,636 | $273 |
| Respond to Scope Questions from Connico | 8.00 | $1,968 | | $0 | 8.00 | $1,968 | $246 |
| Attend Draft Deliverable Meeting and Prepare Minutes | 4.00 | $984 | 2.00 | $652 | 6.00 | $1,636 | $273 |
| PM | | $0 | 4.00 | $1,304 | 4.00 | $1,304 | $326 |
| **Sub-Total** | **16.00** | **$3,936** | **8.00** | **$2,608** | **24.00** | **$6,544** | **$273** |
| **TOTAL LUMP SUM FEE:** | **16.00** | **$3,936** | **8.00** | **$2,608** | **24.00** | **$6,544** | **$273** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-5
# BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES

| Assist with Fuel Station Engineers Estimate | Senior Project Manager | | Project Manager | | Senior Engineer | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $269 | | $215 | | $177 | | | | Avg. Hourly |
| **AVCON, Inc.** | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Meetings and Questions** | | | | | | | | | |
| Attend Scope Review Meeting and Prepare Minutes | 2.00 | $538 | | $0 | 2.00 | $354 | 4.00 | $892 | $223.00 |
| Respond to Scope Questions from Connico | | $0 | 4.00 | $860 | 8.00 | $1,416 | 12.00 | $2,276 | $189.67 |
| Attend Draft Deliverable Meeting | 2.00 | $538 | | $0 | 2.00 | $354 | 4.00 | $892 | $223.00 |
| **Sub-Total** | **4.00** | **$1,076** | **4.00** | **$860** | **12.00** | **$2,124** | **20.00** | **$4,060** | **$203.00** |
| **TOTAL LUMP SUM FEE:** | **4.00** | **$1,076** | **4.00** | **$860** | **12.00** | **$2,124** | **20.00** | **$4,060** | **$203.00** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-5
# BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES

| Position: | Principal | | Sr. Engineer | | TOTAL | | |
|---|---|---|---|---|---|---|---|
| Assist with Fuel Station Engineers Estimate | | | | | | | |
| Rate ($/Hour): | $120 | | $106 | | | | Avg. Hourly |
| VoltAir Consulting Engineers, Inc | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| Meetings and Questions | | | | | | | |
| Attend Scope Review Meeting and Prepare Minutes | 4.00 | $480 | | $0 | 4.00 | $480 | $120.00 |
| Respond to Scope Questions from Connico | | $0 | 12.00 | $1,272 | 12.00 | $1,272 | $106.00 |
| Attend Draft Deliverable Meeting | 4.00 | $480 | | $0 | 4.00 | $480 | $120.00 |
| **Sub-Total** | **8.00** | **$960** | **12.00** | **$1,272** | **20.00** | **$2,232** | **$111.60** |
| **TOTAL LUPM SUM FEE:** | **8.00** | **$960** | **12.00** | **$1,272** | **20.00** | **$2,232** | **$111.60** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-9
# CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

| FIRM | POSITION | CONTRACT HOURLY RATE |
|---|---|---|
| T.Y. Lin International | Sr. Project Manager | $232 |
| T.Y. Lin International | Sr. Engineer | $246 |
| T.Y. Lin International | Sr. Administrative Asst. | $96 |
| T.Y. Lin International | Sr. CADD Designer | $163 |
| T.Y. Lin International | Sr. CADD Technician | $128 |
| T.Y. Lin International | QC Reviewer | $189 |
| T.Y. Lin International | Principal | $326 |
| T.Y. Lin International | Engineer | $168 |
| T.Y. Lin International | Engineer Intern | $57 |
| T.Y. Lin International | CADD Technician | $98 |
| AVCON, Inc. | Senior Project Manager | $269 |
| AVCON, Inc. | Project Manager | $215 |
| AVCON, Inc. | Senior Engineer | $177 |
| AVCON, Inc. | Project Engineer/Designer | $128 |
| AVCON, Inc. | Senior CADD Designer | $118 |
| AVCON, Inc. | Administrative | $81 |
| VoltAir Consulting Engineers, Inc | Principal | $120 |
| VoltAir Consulting Engineers, Inc | Senior Project Manager | $91 |
| VoltAir Consulting Engineers, Inc | Sr. Engineer | $106 |
| VoltAir Consulting Engineers, Inc | Clerical | $35 |

CONNICO

| Date | 20-Nov-2023 |
|---|---|
| Prepared by | CJN |

**Fee Proposal Worksheet**

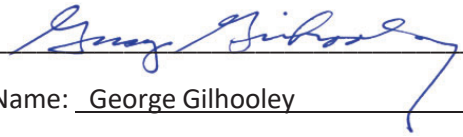
| Task | Description | | | | | | | | | | Total Hours | Total Direct Labor | Total Expenses | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **6107.23.01 MCO South Terminal Apron Construction** | Principal | Associate Principal | Director | Chief Cost Specialist | Senior Cost Specialist | Cost Specialist | Analyst II | Analyst I | Admin Director | | | | |
| | Loaded Billing Rate | $ 226.00 | $ 261.00 | $ 255.00 | $ 231.00 | $ 196.00 | $ 147.00 | $ 113.00 | $ 109.00 | $ 162.00 | | | | |
| | **BASIC SERVICES** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | | | | |
| | | | | | | | | | | | 0 | $ - | | $ - |
| 940.04 | *Construction Document Estimate (100%)* | 1 | | | | | | | | 4 | 5 | $ 874.00 | | $ 874.00 |
| | *Appron Paving* | | | 1 | 2 | | 8 | | | | 11 | $ 1,893.00 | | $ 1,893.00 |
| | *2 x Grinder relocations* | | | 1 | 4 | 16 | 8 | | | | 29 | $ 5,491.00 | | $ 5,491.00 |
| | *Trash Compactors* | | | 1 | 4 | 8 | 8 | | | | 21 | $ 3,923.00 | | $ 3,923.00 |
| | *GSE Fueling Facility* | | | 1 | 2 | 16 | 8 | | | | 27 | $ 5,029.00 | | $ 5,029.00 |
| | *Area Lighting* | | | 1 | 2 | | 8 | | | | 11 | $ 1,893.00 | | $ 1,893.00 |
| | *Security Fencing* | | | 1 | 2 | | 12 | | | | 15 | $ 2,481.00 | | $ 2,481.00 |
| | | | | | | | | | | | 0 | $ - | | $ - |
| | | | | | | | | | | | 0 | $ - | | $ - |
| | **Subtotal - Basic Services** | **1** | **0** | **6** | **16** | **40** | **52** | **0** | **0** | **4** | **119** | **$ 21,584.00** | **$ -** | **$ 21,584.00** |
| | **Reimbursable Expenses** | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | **Total Fee** | | | | | | | | | | | | | **$ 21,584.00** |

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant HNTB Corporation

By: 

Print Name: George Gilhooley

Date: November 21, 2023

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

**Memorandum**

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by John Volpe, PMO)*

**Date:** **November 28, 2023**

**Re:** **Request for Recommendation of Approval of Proposal for Design Cost Estimating BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, Orlando International Airport, HNTB Job No. 61581**

The Consultant's proposal, dated November 21, 2023, provides for additional Design Phase Services (DPS) to produce an Opinion of Probable Construction Cost Estimate for BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, including additive alternates for the North RON Parking Area and the Ground Support Equipment Facility.

Consultant shall, with each monthly invoice, certify that the assigned work and services are on schedule to be completed within the contracted lump sum price, or provide at time of certification a written notice to the Authority of any deviations.

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from General Airport Revenue Bonds. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee recommend approval to the Aviation Authority Board to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for the services contained herein and the amount as shown below:

| | |
|---|---|
| Total Lump Sum Fees | $70,855.00 |
| AAC – Compliance Review Date | |
| AAC – Funding Eligibility Review Date | |

**CC**
**ITEM IV-A**
**12/5/2023**

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

**MEMORANDUM**

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** Request for Recommendation of Approval of Proposal for Design Cost Estimating BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, Orlando International Airport, HNTB Job No. 61581

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that HNTB Corporation proposes 75% MWBE participation.

Our analysis indicates that HNTB Corporation is eligible for award of the subject proposal.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

**MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS**
**PLEASE COMPLETE THIS FORM**

This form should be used to report Construction and Engineering /Professional Services activities.

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **Request for Recommendation of Approval of Proposal for Design Cost Estimating BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, Orlando International Airport, HNTB Job No. 61581**

**1. Construction Information:**

**TOTAL:**

**2. MWBE Goal by Group Representation:**

| | | | |
|---|---|---|---|
| Asian Pacific American | | Actual Result | |
| Asian Subcontinent American | | Actual Result | |
| Black American | | Actual Result | |
| Caucasian Female American | | Actual Result | |
| Hispanic American | | Actual Result | |
| Native American | | Actual Result | |
| Other | | Actual Result | |
| **Total MWBE Participation** | - | **Actual Result** | |

**3.a. Prime Contractor Information:**

Name:
Address:
City, State, Zip:
Telephone:

**3.b. Name and Address of MWBE Subcontractor**

Name:
Address:
City, State, Zip:
Telephone:

**3.c. *Identity:**
**Work Item(s):**
**Amount of Subcontract**
**Percent of Prime Contract (%):**

**4. Engineering/Professional Services Information:**

**TOTAL:** **$70,855.00**

**5. MWBE Goal by Group Representation:**

| | | | |
|---|---|---|---|
| Asian Pacific American | - | Actual Result | 0% |
| Asian Subcontinent American | - | Actual Result | 0% |
| Black American | 1,520.00 | Actual Result | 2% |
| Caucasian Female American | 51,829.00 | Actual Result | 73% |
| Hispanic American | - | Actual Result | 0% |
| Native American | - | Actual Result | 0% |
| Other | | Actual Result | 0% |
| **Total MWBE Participation** | **53,349.00** | **Actual Result** | **75%** |

**6.b. Engineering / Professional Service Firm Information:**

Name: **HNTB Corporation**
Address: **610 Crescent Executive Court, Suite 400**
City, State, Zip: **Lake Mary, FL 32746**
Telephone: **(407) 805-0355**

**6.b. Name and Address of MWBE Subconsultant**

Name: **Please see attached**
Address:
City, State, Zip:
Telephone:

**6.c. *Identity:**
**Work Item(s):**
**Amount of Subcontract**
**Percent of Prime Contract (%):**

*** In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

**MWBE Subcontractor/Subconsultant Certification**

| | |
|---|---|
| **Project Name & Number:** | **Request for Recommendation of Approval of Proposal for Design Cost Estimating BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, Orlando International Airport, HNTB Job No. 61581** |

**Prime Firm:** **HNTB Corporation**

**TOTAL:** **$70,855.00**

| | | |
|---|---|---|
| **Company Name** | **Connico, Inc.** | **Rhodes + Brito Architects, Inc.** |
| **Address** | 2594 N. Mount Juliet Road | 605 East Robinson Street, Suite 750 |
| **City, State, Zip** | Mount Juliet, TN 37122 | Orlando, FL 32801 |
| **Phone** | 615-758-7474 | 407-648-7288 Ext. 120 |
| **Identity** | Caucasian Female American | Black American |
| **Work Item** | Cost Estimating Services | Architect of Record - GSE Facility |
| **Amount of Subcontract** | $51,829.00 | 1,520.00 |
| **Percentage** | 73.1% | 2.1% |
| **Company Name** | | |
| **Address** | | |
| **City, State, Zip** | | |
| **Phone** | | |
| **Identity** | | |
| **Work Item** | | |
| **Amount of Subcontract** | | |
| **Percentage** | | |
| **Company Name** | | |
| **Address** | | |
| **City, State, Zip** | | |
| **Phone** | | |
| **Identity** | | |
| **Work Item** | | |
| **Amount of Subcontract** | | |
| **Percentage** | | |
| **Company Name** | | |
| **Address** | | |
| **City, State, Zip** | | |
| **Phone** | | |
| **Identity** | | |
| **Work Item** | | |
| **Amount of Subcontract** | | |
| **Percentage** | | |

**$53,349.00** **75%**

**$70,855.00**

**HNTB Corporation**
The HNTB Companies
Infrastructure Solutions

200 Colonial Center Parkway
Suite 140
Lake Mary, Florida 32746

Telephone (407) 805-0355
Facsimile (866) 205-1648
www.hntb.com

November 21, 2023

Mr. Scott Shedek, PE
Vice President of Construction
**Greater Orlando Aviation Authority**
Orlando International Airport
One Jeff Fuqua Blvd.
Orlando, FL 32827-4399

Re: **Proposal for Design Cost Estimating**
**BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, Orlando International Airport,** HNTB Job No. 61581

Dear Mr. Shedek:

As requested by the Authority and the Program Management Oversight (PMO) consultant, HNTB is pleased to submit this lump sum fee proposal for additional design services for cost estimating to produce an Opinion of Probable Construction Cost for the federally funded BP-S00196 – Terminal C, Phase 1X, Airfield Civil, Apron and Taxiway Paving and Ground Support Equipment Facility, including additive alternates for the North RON Parking Area and the Ground Support Equipment Facility. As you know, cost estimating for the Terminal C program was previously done under the prior OAR team. In this case the Authority / PMO is requesting these estimates to be provided by the design team.

**SCOPE OF WORK:**
Cost estimates will be led by each of the engineers and architect of record for the three elements of the project, including Kimley Horn Associates (Airfield Civil), Rhodes+Brito (GSE Building and Grinder Station Canopies) and TYLin (GSE equipment and site). Their three proposals are included herein.

HNTB is not proposing any services or fees with this proposal.

**SCHEDULE:**
The estimates are proposed to be submitted by December 12, 2023.

**DELIVERABLES:**
The estimates with be submitted to the Authority / PMO team as Opinions of Probable Construction Cost for the previously mentioned three elements of the project.

**FEE SUMMARY and DBE PARTICIPATION:**
The DBE participation and the proposed lump sum fees are as follows and in the supporting documentation attached.

| GOAA South Terminal C Phase 1X | | | |
|---|---|---|---|
| BP-S196 (Airfield Civil) Design Team Costs Estimating | | | |
| 11/20/2023 | | | |
| **Firm** | **DBE** | **Lump Sum Fee** | **Role** |
| **HNTB Corporation** | | $ - | Prime Consultant |
| Rhodes Brito Architects, Inc. | 13.56% | $ 1,520 | Architect of Record - GSE Facility |
| Connico | 86.44% | $ 9,687 | Cost Estimating Services |
| **Subtotal** | **100.00%** | **$ 11,207.00** | |
| **Kimley-Horn** | | $ 4,442.00 | Engineer of Record - Airfield Civil |
| Connico | 82.23% | $ 20,558.00 | Cost Estimating Services |
| **Subtotal** | **82.23%** | **$ 25,000.00** | |
| **TY LIN International** | | $ 13,064.00 | Engineer of Record - GSE Facility Site |
| Connico | 62.30% | $ 21,584.00 | Cost Estimating Services |
| **Subtotal** | **62.30%** | **$ 34,648.00** | |
| | | | |
| **Total Contract** | | **$ 70,855.00** | |
| **TOTAL DBE** | **75.29%** | **$ 53,349.00** | |

In summary, it is respectfully requested that the proposal be approved in the Total Lump Sum amount shown above for the design cost estimating services.

We sincerely appreciate this opportunity to continue to work with the Authority and Jacobs PMO team on this project. If you have any questions, please do not hesitate to let me know.

Respectfully submitted,
**HNTB Corporation**

William G. Brooks, PE
Senior Program Director

Cc: Max Marble, PE, Sr. Vice President of Capital Programs, GOAA
Christina Taylor, Senior Project Manager, GOAA
John Volpe, Jacobs / PMO
Gunther Zurstadt, PE, Sr. Project Manager, HNTB
Erik Lange, PE, Sr. Project Manager, HNTB
Mark Bryan, MBA, Project Business Manager, HNTB

Attachments: Supporting Documentation
Truth in Negotiation Certification

November 21, 2023

William G. Brooks, PE
HNTB Corporation
11346 Terminal C Service Road
Orlando, FL 32824

Re: Letter Agreement for Professional Services for Preparation of an Opinion of Probable Construction Cost for MCO STC BP-S196 Base Bid and Add Alternate No. 1

Dear Mr. Brooks:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "Consultant") is pleased to submit this Letter Agreement (the "Agreement") to HNTB Corporation ("Client") for providing an Opinion of Probable Construction Cost (OPCC) for MCO STC BP-S196 Base Bid and Add Alternate No. 1.

**Project Understanding**

It is understood that the project scope consists of preparing an Opinion of Probable Construction Cost (OPCC) for BP S-196 Airfield Civil Package + Add Alt 1 for the civil work associated with the apron around the South Terminal. This will include the final grading, base, drainage, paving and electrical work associated with the construction of this apron. Kimley-Horn shall provide the OPCC service via a subconsultant (Connico).

**Scope of Services**

Kimley-Horn shall provide the services specifically set forth below through our subconsultant Connico. Kimley-Horn will provide administrative and management services associated with the subconsultant's work.

Task 1: 100% Design Estimate

An Opinion of Probable Construction Cost (OPCC) will be prepared for the BP S-196 Base Bid and Add Alternate No. 1 project as defined in the 100% Construction Documents prepared by Kimley-Horn and the Design Team. The OPCC will be prepared using a labor, equipment and materials estimation methodology, similar that used by industry construction contractors.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Subconsultant will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Subconsultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Subconsultant's estimates of probable construction costs are made on the basis of Subconsultant's professional judgment and experience. Subconsultant makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Subconsultant's estimate of probable construction cost.

Subconsultant will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

Deliverables
The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Subconsultant's opinion of probable construction cost of the project based on the documents provided by the Client. Subconsultant is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Subconsultant's professional experience and information provided by the design team. The notes will also include any other comments about the project that Subconsultant believes are relevant.

Subconsultant will provide an electronic copy of the report.

In the event that supplemental information is furnished to Subconsultant after a task has begun, and such information requires changes to any quantity take-off currently in progress, Subconsultant reserves the right to request additional compensation for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

**Additional Services**

Any services not specifically provided for in the above scope will be billed as additional services and performed at our then current hourly rates.

**Information Provided By Client**

We shall be entitled to rely on the completeness and accuracy of all information provided by the Client or the Client's consultants or representatives. The Client shall provide all information requested by Kimley-Horn during the project.

**Schedule**

The services shall be provided as expeditiously as practicable with the goal of delivering the OPCC Report by December 12, 2023.

**Fee and Expenses**

Kimley-Horn will perform the services in Task 1 for the total lump sum fee below. Individual task amounts are informational only. All permitting, application, and similar project fees will be paid directly by the Client.

| Position: | QC Reviewer | | Sr. Program Manager | | Sr Project Manager | | Sr. Engineer | | Engineer | | Engineering Intern | | Sr CADD Designer | | CADD Technician | | Sr. Administrative | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $268 | | $249 | | $248 | | $188 | | $133 | | $111 | | $131 | | $104 | | $78 | | | | Avg. Hourly |
| Kimley Horn and Associates | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| Opinion of Probable Construction Cost (OPCC) | | | | | | | | | | | | | | | | | | | | | |
| | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Opinion of Probable Construction Cost (OPCC) | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Team Manange | | $0 | 4.00 | $996 | 4.00 | $992 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | 8 | $1,988 | $249 |
| SOW/Bid Schedule/Estimate Coordination | | $0 | | $0 | 4.00 | $992 | | $0 | 8.50 | $1,131 | | $0 | | $0 | | $0 | 4.25 | $332 | 17 | $2,454 | $147 |
| | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| | 0 | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Sub-Total OPCC Svcs | 0 | $0 | 4.00 | $996 | 8.00 | $1,984 | 0.00 | $0 | 8.50 | $1,131 | 0 | $0 | 0.00 | $0 | 0 | $0 | 4.25 | $332 | 25 | $4,442 | $179 |
| Closeout | | | | | | | | | | | | | | | | | | | | | |
| As-Built Submittals Review - Civil Plan Set (121 Shts) | 0 | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Prepare Record Documents (Plans and Specs.) | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Subconsultant Coordination | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Permit Coordination and Close-Out (4 permits) | 0 | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | | $0 | - | $0 | #DIV/0! |
| Sub-Total Closeout | 0 | $0 | 0.00 | $0 | 0.00 | $0 | 0.00 | $0 | 0.00 | $0 | 0 | $0 | 0.00 | $0 | 0 | $0 | 0.00 | $0 | - | $0 | #DIV/0! |
| TOTAL NOT TO EXCEED REIMBURSABLE FEE: | 0 | $0 | 4.00 | $996 | 8.00 | $1,984 | 0.00 | $0 | 8.50 | $1,131 | 0 | $0 | 0.00 | $0 | 0 | $0 | 4.25 | $332 | 25 | $4,442 | $179 |

OPCC Service to be provided by Connico fee is $20,558.

| | |
|---|---|
| Task 1 100% Design Estimate | $25,000.00 |
| Total Lump Sum Labor Fee | $25,000.00 |

We appreciate the opportunity to provide these services. Please contact me if you have any questions.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Rev 12/2022

Signed: 

Printed Name:  Jonathan A. Martin, P.E.

Title:  Senior Vice President*]*

Attachment – Connico Proposal

2594 N. Mount Juliet Road
Mount Juliet, TN 37122

(615) 994-1980
www.connico.com

November 9, 2023

Steven B. Cornell, PE
Kimley-Horn
189 South Orange Ave, Suite 1000
Orlando, FL 32801

**RE: Connico Scope and Fee Proposal**
**South Terminal Airfield Construction**
**Greater Orlando Airport Authority**
**Orlando, FL 32827**

Dear Steve:

We are pleased to present our fee proposal for the referenced project. Connico will perform the services outlined in this proposal.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team

David J. Hunley, PE
Vice President
dhunley@connico.com

Connico Project No. 6107.23.01

## *SCOPE OF WORK AND FEE*

***Project Scope***

It is understood that the project scope consists of the civil work associated with the apron around the South Terminal. This will include the final grading, base, drainage, paving and electrical work associated with the construction of this apron.

The construction budget has not been established.

***Basic Scope of Services***

Connico proposes to provide the following services:

- 100% Design Estimate
- Add Alt. 1 Estimate

Each phase includes an initial scope of work review meeting and a draft deliverable review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purpose of providing an opinion of probable cost is not included**.** No onsite meetings have been included. Should they be required, they will be considered Additional Services and compensated as such. The only weekly design meetings included in this proposal are the ones that will occur a couple of weeks before our work begins. Should attendance at all weekly design meetings be required, this will be considered Additional Services and compensated for as such. Quantities of work will be furnished by Kimley-Horn. This proposal is for design phase services only; construction phase services are not included.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Connico will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Connico's estimate of probable construction cost.

Connico will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

***Deliverables***

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

***SCOPE OF WORK AND FEE***

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Connico's professional experience and information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the report.

The report shall be prepared and delivered by December 12, 2023 provided all design information required is received by Connico. In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

***Proposed Fees (Basic Scope of Services)***

| | |
|---|---|
| 100% Design Estimate (Lump Sum) | $16,634.00 |
| Add Alt. 1 Estimate | $3,924.00 |
| ***TOTAL FEE (Lump Sum)*** | ***$20,558.00*** |

The proposed fees are based on providing all listed estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate fees.
Services not set forth above are specifically excluded from the scope of Connico's services. Connico assumes no responsibility to perform any services not specifically listed herein.

***Additional Services***

The Basic Scope Services do not include cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems, reconciliation estimates or services, and meetings not included within the base proposal. Additional Services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for the Basic Scope of Services, at the rates included within the agreement.

Proposal submitted by:



_____
David J. Hunley, PE
Vice President

November 20, 2023

William Brooks
Program Director
HNTB Corporation
610 Crescent Exec. Ct., Suite 400
Lake Mary, FL 32746

Project: STC Ground Support Equipment (GSE) Facility

Subject: Architect's Cost Estimate Proposal

Dear Mr. Brooks,

As requested, please find this proposal for the Architect's Opinion of Probable Construction Cost for our DBE sub-consultant Connico to perform the estimate for the GSE Admin / Operations Building and the two Canopies over the grinder pump stations, which are within the Add Alt No. 2 under BP-S196. Connico's scope of services, assumptions and the associated fee for these services are included in the attachment. Rhodes + Brito has included time under this effort to respond to any questions from the estimator and will forward the estimates received to the HNTB team.

Should you have any questions, please do not hesitate to call.

Sincerely,

Sincerely,

**RHODES+BRITO ARCHITECTS INC.**

Sr. Project Manager

Cc: Max Brito, AIA
Adel Shalaby, AIA

2594 N. Mount Juliet Road
Mount Juliet, TN 37122

(615) 994-1980
www.connico.com

November 17, 2023

Don Williams,
Rhodes+Brito Architects
605 East Robinson Street, Suite 750,
Orlando, FL 32801

**RE: Connico Scope and Fee Proposal**
**South Terminal C – GSE Operations Building**
**Greater Orlando Airport Authority**
**Orlando, FL 32827**

Dear Don:

We are pleased to present our fee proposal for the referenced project. Connico will perform the services outlined in this proposal.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team



Charl J. Neser, MRICS, CCP
Director
cjneser@connico.com

Connico Project No. 6107.23.02

## *SCOPE OF WORK AND FEE*

***Project Scope***

It is understood that the project scope consists of a GSE Operations Office together with two (2) Grinder Station canopies. All other buildings, civil and sitework is part of a different project and not part of this scope of work.

The construction budget has not been established.

***Basic Scope of Services***

Connico proposes to provide the following services:

- ⇓ 100% Design Estimate

Each phase includes an initial scope of work review meeting and a draft deliverable review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purpose of providing an opinion of probable cost is not included**.** No onsite meetings have been included. Should they be required, they will be considered Additional Services and compensated as such. The only weekly design meetings included in this proposal are the ones that will occur a couple of weeks before our work begins. Should attendance at all weekly design meetings be required, this will be considered Additional Services and compensated for as such. This proposal is for design phase services only; planning and construction phase services are not included.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Connico will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Connico's estimate of probable construction cost.

Connico will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

***Deliverables***

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

## *SCOPE OF WORK AND FEE*

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Connico's professional experience and information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the report.

The report shall be prepared and delivered by December 12, 2023, assuming all design information required is received by Connico. In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

***Proposed Fees (Basic Scope of Services)***

| | | |
|---|---|---|
| ⇓ | 100% Design Estimate | $9,700.00 |
| | ***TOTAL FEE (Lump Sum)*** | ***$9,700.00*** |

The proposed fees are based on providing all listed estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate fees.

Services not set forth above are specifically excluded from the scope of Connico's services. Connico assumes no responsibility to perform any services not specifically listed herein.

***Additional Services***

The Basic Scope Services do not include cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems, reconciliation estimates or services, and meetings not included within the base proposal. Additional Services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for the Basic Scope of Services, at the rates included within the agreement.

Proposal submitted by:



_____
Charl J. Neser, MRICS, CCP
Director

TYLin

November 21, 2023

Mr. William G. Brooks, PE
Sr. Program Director, HNTB Architect of Record Team
South Terminal C, Orlando International Airport
HNTB CORPORATION
11346 Terminal C Service Road
Orlando, FL 32824

**Reference:** Revised Request for Amendment to Task Order 11 to Prepare an Engineer's Estimate of Probable Construction Cost for the Bid Alternate No.2, for the GSE Facility Civil, Electrical, Mechanical and Equipment in BP-196.

Dear Mr. Brooks,

This is our revised request for an Amendment to Task Order 11 to prepare Engineer's Estimate of Probable Construction Cost for the Bid Alternate No.2, the GSE Facility Civil, Electrical, Mechanical and Equipment in BP-196. These services will be provided by an amendment to Task Order 11 under our existing MASTER/TASK ORDER AGREEMENT BETWEEN HNTB AND SUBCONSULTANT, dated February 5, 2016, copy attached.

Our scope of services, assumptions and the associated fee for these services are included in Exhibit "A" and are based on your e-mail correspondences of November 17, 2023.

Connico will prepare the Engineer's Estimate of Probable Construction Cost with input from the designers TYLin, Avcon, and Voltair as needed to answer Connico questions on the scope of work. Connico's Scope and Fee Proposal is attached. An estimate of the designers' fee to assist Connico is also included.

Total fee requested for this scope of services is $34,648.00. We will deliver the Engineer's Estimate of Probable Construction Cost on or before December 12, 2023.

We look forward to working with you on the successful completion of this task. Should you have any questions, please do not hesitate to call.

Sincerely,

Michael Miller

Michael K. Miller, P.E.
Vice President
Attach: Exhibit "A" Scope of Services, Assumptions and Fee Estimate
Exhibit "B" Email Requesting Services
Exhibit "C" Connico Scope and Fee Proposal
Exhibit "D" TYLIN INTERNATIONAL Task Order, TASK ORDER NUMBER: 11

TYLin

**EXHIBIT "A" SCOPE OF SERVICES, ASSUMPTIONS AND FEE ESTIMATE**

## 1.0 DESCRIPTION OF THE PROJECT

Prepare an Engineer's Estimate of Probable Construction Cost for Bid Alternate No.2, the GSE Facility Civil, Electrical, Mechanical and Equipment in BP-196. The estimate will be prepared by Connico with input from the designers as needed to clarify the scope of work.

## 2.0 SCOPE OF SERVICES FOR THE ESTIMATE

The scope of services to be provided include 100 % Design Estimate for the following:

**2.1.** The civil work associated with the GSE facility site, including final grading, base, drainage, paving and electrical work.

**2.2.** In addition to the civil scope of work, the scope includes eight trash compactors, the gasoline and diesel fuel station, two oil-water separators, two grinder stations and all site utilities, lighting and fencing are included.

**2.3.** Per the Connico scope of services two meetings are planned by teleconference. One meeting to review the initial scope of work and one meeting to review the draft cost estimate. One representative from each of the designers will attend each of the two meetings. Attendance at weekly meeting was excluded in the Connico proposal.

## 4.0 ASSUMPTIONS

**4.1** Review the attached Connico Scope of Work and FEE document for assumption, exclusions, criteria, and clarifications for the estimate. No site visit is included.

**4.2** Additional services are not included but can be provided with additional compensation and time to provide the additional services. No additional services will be provided without written authorization.

**4.3** Connico to be provided with the bid documents in electronic PDF form.
.

**4.4** Any services not specifically noted in this proposal are not included.

**4.5** A mutually agreeable sub-agreement between TYLin and Connico can be executed.

**4.6** The task is to be completed by December 12, 2023.

TYLin

## 5.0 SCHEDULE AND DELIVERABLES

**5.1** The Deliverable will be an electronic copy of the final Estimate of Probable Construction Cost for BP-196 Bid Alternate No.2, GSE Facility.

**5.2** The initial scope review meeting is scheduled for TBD and the draft estimate review meeting is scheduled for TBD.

**5.3** The electronic copy of the final Estimate of Probable Construction Cost will be delivered on December 12, 2023.

## 6.0 FEE FOR ESTIMATE OF PROBABLE CONSTRUCTION COST

**6.1** Connico's Fee for the services to prepare the estimate is a lump sum of $21,584.00.

**6.2** Designers' lump sum fee for assisting Connico to prepare the estimate is $13,064.00.

**6.3** Total Fee request is $34,648.00.

2594 N. Mount Juliet Road
Mount Juliet, TN 37122

(615) 994-1980
www.connico.com

November 21, 2023

**Michael K. Miller, PE**
**TYLin International**
**201 Alhambra Circle, Suite 900,**
**Coral Gables, FL**

**RE: Connico Scope and Fee Proposal**
**South Terminal Airfield Construction**
**Greater Orlando Airport Authority**
**Orlando, FL 32827**

Dear Michael:

We are pleased to present our revised fee proposal for the referenced project. Connico will perform the services outlined in this proposal.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team



Charl J. Neser, MRICS, CCP
Director
cjneser@connico.com

Connico Project No. 6107.23.03

## *SCOPE OF WORK AND FEE*

### *Project Scope*

It is understood that the project scope consists Bid Alternate 2: Ground Support Equipment (GSE) Facility:

- Underground utilities including drainage, potable water, sanitary, power, and fiber.
- Construction of all grading, base and pavement for the GSE facility, fuel facility, grinder stations with canopies (Excluded), building (Excluded), emergency power generator, domestic and international trash garbage facilities, fencing, markings, signage, and lighting.

The construction budget has not been established.

### *Basic Scope of Services*

Connico proposes to provide the following services:

- 100% Design Estimate

Each phase includes an initial scope of work review meeting and a draft deliverable review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purpose of providing an opinion of probable cost is not included**.** No onsite meetings have been included. Should they be required, they will be considered Additional Services and compensated as such. The only weekly design meetings included in this proposal are the ones that will occur a couple of weeks before our work begins. Should attendance at all weekly design meetings be required, this will be considered Additional Services and compensated for as such. This proposal is for design phase services only; construction phase services are not included.

Hazardous Materials Abatement is not included. If the Client provides an estimate for hazardous materials, Connico will include it in the estimate and cite the source.

In providing estimates of probable construction cost, the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids, or the negotiated cost of the Work, will not vary from Connico's estimate of probable construction cost.

Connico will require an electronic version (PDF) of the drawings and specifications, and a copy of any other applicable documentation which applies to the project.

### *Deliverables*

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

## *SCOPE OF WORK AND FEE*

Also included within the report shall be the estimate notes. The notes will contain assumptions, criteria, and clarifications for the estimate, based on Connico's professional experience and information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the report.

The report will be issued on or before December 12th, 2023, if and only if the agreements is in place and all relevant information (drawings, sketches, est.) has been issued to Connico by November 22nd, 2023. In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation and time for completion for any such additional work. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

***Proposed Fees (Basic Scope of Services)***

| | | |
|---|---|---|
| □ | 100% Design Estimate (Lump Sum) | $21,584.00 |
| | ***TOTAL FEE (Lump Sum)*** | ***$21,584.00*** |

The proposed fees are based on providing all listed estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate fees.
Services not set forth above are specifically excluded from the scope of Connico's services. Connico assumes no responsibility to perform any services not specifically listed herein.

***Additional Services***
The Basic Scope Services do not include cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems, reconciliation estimates or services, and meetings not included within the base proposal. Additional Services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for the Basic Scope of Services, at the rates included within the agreement.

Proposal submitted by:



_____
Charl J. Neser, MRICS, CCP
Director

## KIMLEY-HORN Opinion of Probable Construction Cost (OPCC)

| Position: | Sr. Program Manager | | Sr Project Manager | | Engineer | | Sr. Administrative Asst. | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| Rate ($/Hour): | $249 | | $248 | | $133 | | $78 | | | | Avg. Hourly |
| **Kimley Horn and Associates** | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Opinion of Probable Construction Cost (OPCC)** | | | | | | | | | | | |
| Team Manange | 4.00 | $996 | 4.00 | $992 | | $0 | | $0 | 8.00 | $1,988 | 248.50 |
| SOW/Bid Schedule/Estimate Coordination | | $0 | 4.00 | $992 | 8.50 | $1,131 | 4.25 | $332 | 16.75 | $2,454 | 146.51 |
| **Sub-Total OPCC Svcs** | **4.00** | **$996** | **8.00** | **$1,984** | **8.50** | **$1,131** | **4.25** | **$332** | **24.75** | **$4,442** | **179.47** |

CONNICO

| Date | 9-Nov-2023 |
|---|---|
| Prepared by | DJH |

**Fee Proposal Worksheet**

| Task | Description | | | | | | | | | Total Hours | Total Direct Labor | Total Expenses | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **6107.23.01 MCO South Terminal Apron Construction** | Principal | Associate Principal | Director | Chief Cost Specialist | Cost Specialist | Analyst II | Analyst I | Admin Director | | | | |
| | | | | | | | | | | | | | |
| | Loaded Billing Rate | $ 226.00 | $ 261.00 | $ 255.00 | $ 231.00 | $ 147.00 | $ 113.00 | $ 109.00 | $ 162.00 | | | | |
| | **BASIC SERVICES** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | | | | |
| | | | | | | | | | | 0 | $ - | | $ - |
| 940.04 | *Construction Document Estimate (100%)* | 2 | 2 | 4 | 8 | 40 | 40 | 16 | 4 | 116 | $ 16,634.00 | | $ 16,634.00 |
| | *Add Alt. 1 Estimate* | | | 2 | 2 | 8 | 8 | 8 | | 28 | $ 3,924.00 | | $ 3,924.00 |
| | | | | | | | | | | 0 | $ - | | $ - |
| | | | | | | | | | | 0 | $ - | | $ - |
| | **Subtotal - Basic Services** | **2** | **2** | **6** | **10** | **48** | **48** | **24** | **4** | **144** | **$ 20,558.00** | **$ -** | **$ 20,558.00** |
| | **Reimbursable Expenses** | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | **Total Fee** | | | | | | | | | | | | **$ 20,558.00** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-1
# SUMMARY OF TOTAL CONTRACT VALUE

| Phase of Project: | | TOTAL CONTRACT |
|---|---|---|
| 1.0 Lump Sum Fee: | $1,520 | **$1,520** |
| 2.0 Not to Exceed Reimbursable Fee: | $0 | **$0** |
| 3.0 Not to Exceed Reimbursable Expenses: | $0 | **$0** |
| **4.0 TOTAL CONTRACT VALUE:** | **$1,520** | **$1,520** |

| | | |
|---|---|---|
| Total Lump Sum Labor Hours: | 14.00 | **14.00** |
| Total Not to Exceed Reimbursable Labor Hours: | - | **-** |
| **TOTAL LABOR HOURS:** | **14.00** | **14.00** |
| **Average Hourly Rate:** | $108.57 | **$108.57** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-2
# SUMMARY OF LUMP SUM FEES

| Phase of Project: | Design Services | | TOTAL | | |
|---|---|---|---|---|---|
| | labor hours | Total Fee | labor hours | Cost | Avg. Rate |
| **Rhodes Brito Architects** | | | | | |
| Lump Sum Fee Subtotal Subtotal | 14.00 | $1,520 | 14.00 | $1,520 | $108.57 |
| **Total Lump Sum Amount:** | **14.00** | **$1,520** | **14.00** | **$1,520** | $108.57 |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-3
# BREAKOUT OF LUMP SUM FEES

| Position: | Sr. Project Manager | | Architect | | Project Administrator | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $164.00 | | $112.00 | | $74.00 | | | | Avg. Hourly |
| **Rhodes Brito Architects** | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Design Services** | | | | | | | | | |
| Review Cost Estimate | 2.00 | $328 | 8.00 | $896 | | $0 | 10.00 | $1,224 | $122.40 |
| Project Administration | | $0 | | $0 | 4.00 | $296 | 4.00 | $296 | $74.00 |
| **Sub-Total Design Services** | **2.00** | **$328** | **8.00** | **$896** | **4.00** | **$296** | **14.00** | **$1,520** | **$108.57** |
| **TOTAL LUMP SUM FEE:** | **2.00** | **$328** | **8.00** | **$896** | **4.00** | **$296** | **14.00** | **$1,520** | **$108.57** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-9
# CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

| FIRM | POSITION | CONTRACT HOURLY RATE |
|---|---|---|
| Rhodes Brito Architects | Principal | $176 |
| Rhodes Brito Architects | Sr. Project Manager | $164 |
| Rhodes Brito Architects | Project Manager | $131 |
| Rhodes Brito Architects | Architectural Project Manager | $118 |
| Rhodes Brito Architects | Sr Interior Designer | $117 |
| Rhodes Brito Architects | Project Architect | $120 |
| Rhodes Brito Architects | Architect | $112 |
| Rhodes Brito Architects | Sr. Architectural Designer | $103 |
| Rhodes Brito Architects | Architectural Designer | $95 |
| Rhodes Brito Architects | Construction Administrator | $90 |
| Rhodes Brito Architects | Sr. Project Administrator | $102 |
| Rhodes Brito Architects | Project Administrator | $74 |
| Rhodes Brito Architects | Document Control Specialist | $67 |
| Rhodes Brito Architects | Clerical | $49 |

CONNICO

| Date | 17-Nov-2023 |
|---|---|
| Prepared by | CJN |

**Fee Proposal Worksheet**

| Task | Description | | | | | | | Total Hours | Total Direct Labor | Total Expenses | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **6107.23.02 MCO GSE Office and Grinder Canopies** | Principal | Director | Chief Cost Specialist | Senior Cost Specialist | Cost Specialist | Admin Director | | | | |
| | | | | | | | | | | | |
| | Loaded Billing Rate | $ 226.00 | $ 255.00 | $ 231.00 | $ 196.00 | $ 147.00 | $ 162.00 | | | | |
| | **BASIC SERVICES** | Hours | Hours | Hours | Hours | Hours | Hours | | | | |
| 940 | Estimating | 0 | 0 | 0 | 0 | 0 | 0 | 0 | $ - | $ - | $ - |
| 940.04 | Construction Document Estimate (100%) | 1 | 1 | 12 | 32 | 0 | 1 | 47 | $ 9,687.00 | $ - | $ 9,687.00 |
| | | | | | | | | 0 | $ - | | $ - |
| 940.04 | *Construction Document Estimate (100%)* | | | | | | | 0 | $ - | | $ - |
| | *Opp. Offices* | 1 | 1 | 8 | 24 | | 1 | 35 | $ 7,195.00 | | $ 7,195.00 |
| | *2 x Grinder Canopies* | | | 4 | 8 | | | 12 | $ 2,492.00 | | $ 2,492.00 |
| | | | | | | | | 0 | $ - | | $ - |
| | | | | | | | | 0 | $ - | | $ - |
| | **Subtotal - Basic Services** | **1** | **1** | **12** | **32** | **0** | **1** | **47** | **$ 9,687.00** | **$ -** | **$ 9,687.00** |
| | **Reimbursable Expenses** | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | **Total Fee** | | | | | | | | | | **$ 9,687.00** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-1
# SUMMARY OF TOTAL CONTRACT VALUE

| Phase of Project: | Design Services - Meetings & Questions | TOTAL CONTRACT |
|---|---|---|
| | $0 | **$0** |
| 1.0 Lump Sum Fee: | $14,356 | **$14,356** |
| 3.0 Not to Exceed Reimbursable Expenses: | $0 | **$0** |
| **4.0 TOTAL CONTRACT VALUE:** | **$14,356** | **$14,356** |
| | | |
| | - | **-** |
| Total Lump Sum Labor Hours: | 72 | **72** |
| **TOTAL LABOR HOURS:** | **72** | **72** |
| **Average Hourly Rate:** | $199.39 | **$199.39** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-2
# SUMMARY OF LUMP SUM FEES

| Phase of Project: | Design Services - Meetings & Questions | | TOTAL | | |
|---|---|---|---|---|---|
| T.Y. Lin International | labor hours | Total Fee | labor hours | Cost | Avg. Rate |
| **T.Y. Lin International** | | | | | |
| Lump Sum Fee | 24 | $6,544 | 24 | $6,544 | $272.67 |
| **AVCON, Inc.** | | | | | |
| Lump Sum Fee | 24 | $4,996 | 24 | $4,996 | $208.17 |
| **VoltAir Consulting Engineers, Inc** | | | | | |
| Lump Sum Fee | 24 | $2,816 | 24 | $2,816 | $117.33 |
| **Total Not to Exceed Amount:** | **72** | **$14,356** | **72** | **$14,356** | **$199.39** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-3
# BREAKDOWN OF LUMP SUM FEES

| Position: | Sr. Engineer | | Principal | | TOTAL | | |
|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $246 | | $326 | | | | Avg. Hourly |
| **T.Y. Lin International** | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Design Services - Meetings & Questions** | | | | | | | |
| Attend Scope Review Meeting and Prepare Minutes | 4 | $984 | 2 | $652 | 6 | $1,636 | $272.67 |
| Respond to Scope Questions from Connico | 8 | $1,968 | | $0 | 8 | $1,968 | $246.00 |
| Attend Draft Deliverable Meeting and prepare Minutes | 4 | $984 | 2 | $652 | 6 | $1,636 | $272.67 |
| PM | | $0 | 4 | $1,304 | 4 | $1,304 | $326.00 |
| **Sub-Total** | **16** | **$3,936** | **8** | **$2,608** | **24** | **$6,544** | **$272.67** |
| **TOTAL LUMP SUM FEE:** | **16** | **$3,936** | **8** | **$2,608** | **24** | **$6,544** | **$272.67** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-3
# BREAKDOWN OF LUMP SUM FEES

| Assist with Fuel Station Engineers Estimate | Senior Project Manager - QA/QC | | Project Manager | | Senior Engineer | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | $284 | | $217 | | $177 | | | | Avg. Hourly |
| AVCON, Inc. | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Design Services - Meetings & Questions** | | | | | | | | | |
| | | $0 | | $0 | | $0 | 0.00 | 0 | #DIV/0! |
| Attend Scope Review Meeting and Prepare Minutes | 2 | $568 | | $0 | 2 | $354 | 4 | $922 | $230.50 |
| Respond to Scope Questions from Connico | | $0 | 8 | $1,736 | 8 | $1,416 | 16 | $3,152 | $197.00 |
| Attend Draft Deliverable Meeting | 2 | $568 | | $0 | 2 | $354 | 4 | $922 | $230.50 |
| **Sub-Total** | **4** | **$1,136** | **8** | **$1,736** | **12** | **$2,124** | **24** | **$4,996** | **$208.17** |
| **TOTAL LUMP SUM FEE:** | **4** | **$1,136** | **8** | **$1,736** | **12** | **$2,124** | **24** | **$4,996** | **$208.17** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-3
# BREAKDOWN OF LUMP SUM FEES

| Position: | Principal | | Sr. Engineer | | TOTAL | | |
|---|---|---|---|---|---|---|---|
| Assist with Fuel Station Engineers Estimate | | | | | | | |
| Rate ($/Hour): | $140 | | $106 | | | | Avg. Hourly |
| VoltAir Consulting Engineers, Inc | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| Design Services - Meetings & Questions | | | | | | | |
| Attend Scope Review Meeting and Prepare Minutes | 4 | $560 | | $0 | 4 | $560 | $140.00 |
| Respond to Scope Questions from Connico | | $0 | 16 | $1,696 | 16 | $1,696 | $106.00 |
| Attend Draft Deliverable Meeting | 4 | $560 | | $0 | 4 | $560 | $140.00 |
| **TOTAL LUMP SUM FEE:** | **8** | **$1,120** | **16** | **$1,696** | **24** | **$2,816** | **$117.33** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-9
# CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

| FIRM | POSITION | CONTRACT HOURLY RATE |
|---|---|---|
| T.Y. Lin International | Sr. Project Manager | $232 |
| T.Y. Lin International | Sr. Engineer | $246 |
| T.Y. Lin International | Sr. Administrative Asst. | $96 |
| T.Y. Lin International | Sr. CADD Designer | $163 |
| T.Y. Lin International | Sr. CADD Technician | $128 |
| T.Y. Lin International | QC Reviewer | $189 |
| T.Y. Lin International | Principal | $326 |
| T.Y. Lin International | Engineer | $168 |
| T.Y. Lin International | Engineer Intern | $57 |
| T.Y. Lin International | CADD Technician | $98 |
| AVCON, Inc. | Senior Project Manager - QA/QC | $284 |
| AVCON, Inc. | Project Manager | $217 |
| AVCON, Inc. | Senior Engineer | $177 |
| AVCON, Inc. | Project Engineer | $128 |
| AVCON, Inc. | Senior CADD Designer | $118 |
| AVCON, Inc. | Administrative | $81 |
| VoltAir Consulting Engineers, Inc | Principal | $140 |
| VoltAir Consulting Engineers, Inc | Senior Project Manager | $106 |
| VoltAir Consulting Engineers, Inc | Sr. Engineer | $106 |
| VoltAir Consulting Engineers, Inc | QC | $0 |
| VoltAir Consulting Engineers, Inc | Clerical | $40 |

CONNICO

| Date | 20-Nov-2023 |
|---|---|
| Prepared by | CJN |

**Fee Proposal Worksheet**

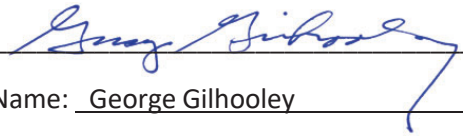
| Task | Description | | | | | | | | | | Total Hours | Total Direct Labor | Total Expenses | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **6107.23.01 MCO South Terminal Apron Construction** | Principal | Associate Principal | Director | Chief Cost Specialist | Senior Cost Specialist | Cost Specialist | Analyst II | Analyst I | Admin Director | | | | |
| | Loaded Billing Rate | $ 226.00 | $ 261.00 | $ 255.00 | $ 231.00 | $ 196.00 | $ 147.00 | $ 113.00 | $ 109.00 | $ 162.00 | | | | |
| | **BASIC SERVICES** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | **Hours** | | | | |
| | | | | | | | | | | | 0 | $ - | | $ - |
| 940.04 | *Construction Document Estimate (100%)* | 1 | | | | | | | | 4 | 5 | $ 874.00 | | $ 874.00 |
| | *Appron Paving* | | | 1 | 2 | | 8 | | | | 11 | $ 1,893.00 | | $ 1,893.00 |
| | *2 x Grinder relocations* | | | 1 | 4 | 16 | 8 | | | | 29 | $ 5,491.00 | | $ 5,491.00 |
| | *Trash Compactors* | | | 1 | 4 | 8 | 8 | | | | 21 | $ 3,923.00 | | $ 3,923.00 |
| | *GSE Fueling Facility* | | | 1 | 2 | 16 | 8 | | | | 27 | $ 5,029.00 | | $ 5,029.00 |
| | *Area Lighting* | | | 1 | 2 | | 8 | | | | 11 | $ 1,893.00 | | $ 1,893.00 |
| | *Security Fencing* | | | 1 | 2 | | 12 | | | | 15 | $ 2,481.00 | | $ 2,481.00 |
| | | | | | | | | | | | 0 | $ - | | $ - |
| | | | | | | | | | | | 0 | $ - | | $ - |
| | **Subtotal - Basic Services** | **1** | **0** | **6** | **16** | **40** | **52** | **0** | **0** | **4** | **119** | **$ 21,584.00** | **$ -** | **$ 21,584.00** |
| | **Reimbursable Expenses** | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | **Total Fee** | | | | | | | | | | | | | **$ 21,584.00** |

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant HNTB Corporation

By: 

Print Name: George Gilhooley

Date: November 21, 2023

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
***(Prepared by Don Corthell, PSA)***

**Date:** **December 5, 2023**

**Re:** **Request for Approval of a Job Order Construction Services Addendum to the Continuing Electrical Construction Services Agreement with Electric Services, Inc. for E-S00020 Terminal C Enhancements Electrical BHS Lighting Improvements, Orlando International Airport**

---

The scope of this project is to provide and install approximately sixty-one (61) LED strip lights within existing BHS mezzanine areas at the Terminal C Landside Terminal where lighting is not sufficient to meet minimum safety requirements.

The duration of the project is 90 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of December 12, 2023. Liquidated damages are defined as $0.00 per calendar day for late Substantial Completion and $0.00 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

| | | |
|---|---|---|
| ☒ Experience | ☒ Available Personnel | ☒ Current Workload |
| ☒ Expertise | ☐ Equitable Distribution | ☐ Other:_____ |

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved General Airport Revenue Bonds. Funding source verified by Melvin Martinez of Construction Finance on 11 / 30 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Electrical Construction Services Agreement with the above-referenced continuing contractor in the total direct-negotiated amount of $ 61,870.24, which includes a Lump Sum amount of $61,870.24, allowance(s) totaling the amount of $0.00, and waive the requirement for Performance and Payment Bond.

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (w/o Allowances)
*Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).*

| CONSTRUCTION AWARD | |
|---|---|
| **L/S** | **$61,870.24** |
| **ALLOWANCE (NTE)** | **0.00** |
| **TOTAL** | **$61,870.24** |
| **AAC – Compliance Review Date** | 11/29/2023 ZTG |
| **AAC – Funding Eligibility Review Date** | 11/29/2023 |

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

# MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** Request for Approval of a Job Order Construction Services Addendum to the Continuing Electrical Construction Services Agreement with Electric Services, Inc for E-S00020 Terminal C Enhancements Electrical BHS Lighting Improvements, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited scope of the services to be provided, Electric Services, Inc. did not propose small business participation in this job order construction services addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

# Electric Services, Inc.

**INDUSTRIAL COMMERCIAL ELECTRICAL CONTRACTORS & ENGINEERS**
**EC#1415 CA#9435**
**1746 U.S. Highway 441, Leesburg, FL 34748**
**Telephone (352) 787-1322 Fax (352) 787-7871**


Date: 9/19/2023

**Greater Orlando Aviation Authority**
Attn: Don Corthell
1 Jeff Fuqua Blvd.
Orlando, FL 32824

Project: **South Terminal Level BHS Additional Lighting**

Electric Services, Inc. is pleased to offer the following proposal for the above referenced project. Electric Services will supply all equipment, material and labor necessary to complete the electrical system as defined in the general scope of work below.

**GENERAL SCOPE OF WORK:**

1. Install conduits and wiring for up to sixty-one (61) additional LED strip light fixtures, ILP model SS4-4L-U-40-FRL, in BHS areas as shown on attached marked-up drawing date 9/15/23.
2. Existing circuits are to be used for additional lighting, no new circuits will be needed.
3. Provide and install new lighting control relays for both North and South electrical rooms to allow for both Normal and Emergency operation of lighting on level-5. Up to a total of six (6) new lighting control relays to be installed (ISOL ELCD-1008).
4. Majority of new light fixtures, and associated circuitry, is to be installed during normal business hours.
5. Installation of new lighting control relays shall take place after hours.

**LIMITATIONS & EXCLUSIONS:**

1. No Permit fees or documents included.
2. No X-ray of any floor or wall penetrations has been included.
3. Work to be completed during normal work days and no overtime has been included.
4. No demolition of existing light fixtures, conduit or circuitry has been included.
5. No load analysis or load metering of existing panels or circuits has been included.
6. ~~Proposal is good for up to 30 days.~~

WITH THE EXCEPTION OF ITEM #5 UNDER GENERAL SCOPE OF WORK

DON CORTHELL, OAR
11/27/23

**BASE BID: $61,870.24**

Respectfully,

Wood T. Brazill, P.E.
Vice-President of Engineering

# *Electric Services, Inc.*

*Tele 352-787-1322  Fax 352-787-7871*


## SUMMARY SHEET

## South Terminal Level BHS Additional Lighting

September 19, 2023

| ITEM NO. | Self-Performed - By Electric Services | MATERIAL-DOLLARS | LABOR-HOURS |
|---|---|---|---|
| 1 | BOM | 5,738.43 | 522.03 |
| | *Light Fixtures* | 4,209.00 | |
| | Lighting Control Relays | 2,713.64 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | **Subcontractors Quotes** | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | TOTAL - SUBCONTRACTORS QUOTES | $ - | |

| ADDITIONAL LABOR | HOURS |
|---|---|
| Handling Material | 26.10 |
| Superintendent | |
| Project Foreman | 52.20 |
| Contractual Negotiations | |
| Estimating | |
| **TOTAL (A)** | 78.31 |

| | | | |
|---|---|---|---|
| Miscellaneous Material and Labor | | $ 12,661.07 | 522.03 |
| Sales Tax | | 886.27 | 0.00 |
| Additional Labor | | | 78.31 |
| TOTALS - MATERIAL & SUB | | $ 13,547.34 | 600.34 |
| 400.34 | Standard Hours Labor @ | $ 40.00 | 16,013.56 |
| 200.00 | Non-standard Labor @ | $ 43.00 | 8,600.00 |
| | | | 0.00 |

| UNITS | JOB EXPENSE | RATE | DOLLARS |
|---|---|---|---|
| 300.2 | Field Truck - hrs | $ 9.50 | $ 2,851.61 |
| 7.0 | Field office - wks | $ 350.00 | $ 2,450.00 |
| 0.0 | Dumpster Disp. | $ 350.00 | $ - |
| | Lull | $ 75.00 | $ - |
| 0.0 | 30' Scisrs Lift - mth | $ 1,500.00 | $ - |
| | JOB EXPENSE | | |
| Permitting | | | $ - |
| Travel | | | $ - |
| S&S permit drawings | | | $ - |
| Small Tools - Consumable | | | $ - |
| Equipment Rental Cost - metering | | | $ - |
| | | **TOTAL (B)** | $ 5,301.61 |

| | |
|---|---|
| Labor Hours Subtotal Labor | 24,613.56 |
| 42% Labor Burden | 10,337.70 |
| **LABOR COST GROSS TOTAL** | 34,951.26 |
| Equipment/Tool Expense (B) | 5,301.61 |
| Material Cost & Sub | 13,547.34 |
| **TOTAL PRIME COST** | 53,800.21 |
| 15% ESI-Over Head & Profit | 8,070.03 |
| 10% Sub - Overhead & Profit | 0.00 |
| **TOTAL NET COST** | 61,870.24 |
| Selling Price without Bond | 61,870.24 |
| 1.0% Bond | n/a |
| Selling Price with Bond | 61,870.24 |
| **"PRICE QUOTED"** | **$61,870.24** |

# *Electric Services, Inc.*

*Tele 352-787-1322  Fax 352-787-7871*

**SUMMARY SHEET**

**South Terminal Level BHS Additional Lighting**

September 19, 2023

| Item # | Quantity | Item Name | Material | U | Labor | U | Ext. Material | Ext. Labor |
|---|---|---|---|---|---|---|---|---|
| 8 | 660 | EMT 3/4 | 137.70 | C | 0.06 | E | 908.82 | 40.92 |
| 63 | 122 | EMT CONN, COMP IT S 3/4 | 58.05 | C | 0.12 | E | 70.82 | 15.13 |
| 96 | 70 | EMT COUPLING, COMP S 3/4 | 44.69 | C | 0.10 | E | 31.28 | 6.97 |
| 250 | 122 | 3/4 to 1/2 | 4.75 | C | 0.08 | E | 5.80 | 9.46 |
| 399 | 150 | EMT STRAP 1H 3/4 | 9.59 | C | 0.05 | E | 14.38 | 6.98 |
| 485 | 10 | LB MA 3/4 | 14.85 | E | 0.54 | E | 148.50 | 5.43 |
| 537 | 350 | STEEL FLEX 1/2 | 103.95 | C | 0.06 | E | 363.83 | 20.90 |
| 549 | 61 | FLEX CONN ST 1/2 | 93.15 | C | 0.14 | E | 56.82 | 8.50 |
| 561 | 61 | FLEX CONN 90 1/2 | 162.00 | C | 0.16 | E | 98.82 | 9.46 |
| 633 | 69 | 4 SQDEEP BOX 1/2 & 3/4 | 135.00 | C | 0.29 | E | 93.15 | 20.32 |
| 634 | 69 | 4 SQBLANK PLATE | 29.30 | C | 0.12 | E | 20.21 | 8.24 |
| 708 | 3500 | # 12 THHN/THWN SOL | 216.00 | M | 0.62 | C | 756.00 | 21.70 |
| 1033 | 227 | WIRE NUTS YELLOW | 41.85 | M | 0.06 | E | 9.50 | 13.55 |
| 1034 | 54 | WIRE NUTS RED | 47.25 | M | 0.06 | E | 2.55 | 3.22 |
| 1099 | 69 | GRD SCREW (GRN) | 36.45 | C | 0.03 | E | 25.15 | 2.14 |
| 1104 | 275 | 1/4 X 1 1/4 TAPCON | 19.53 | C | 0.09 | E | 53.72 | 25.58 |
| | 4 | Hubbell HBL 1221PL | 7.40 | E | 0.25 | E | 29.60 | 1.00 |
| | 6 | Hubbell HBL 1223PL | 12.56 | E | 0.25 | E | 75.36 | 1.50 |
| | 10 | Appleton FSK-1TS Switch cover | 9.52 | E | 0.05 | E | 95.20 | 0.50 |
| | 10 | Cooper FS2 Box | 22.45 | E | 0.15 | E | 224.50 | 1.50 |
| | 61 | Install new 4' LED strip fixture | | Q | 1.25 | E | | 76.25 |
| | 6 | Install re-purposed UFO fixtures | | | 1.25 | E | | 7.50 |
| 9 | 6 | Install ISOL ELCD-1008 | | Q | 2.50 | E | | 15.00 |
| 9 | 200 | EMT 1 | 236.25 | C | 0.08 | E | 472.50 | 15.50 |
| 64 | 15 | EMT CONN, COMP IT S 1 | 72.90 | C | 0.12 | E | 10.94 | 1.86 |
| 97 | 20 | EMT COUPLING, COMP S 1 | 70.20 | C | 0.08 | E | 14.04 | 1.55 |
| 208 | 12 | BUSH PLASTIC 1 | 12.15 | C | 0.03 | E | 1.46 | 0.37 |
| 411 | 25 | C200 STRAP 1 | 121.50 | C | 0.08 | E | 30.38 | 1.94 |
| 432 | 20 | MINI STRAP 1 | 40.50 | C | 0.12 | E | 8.10 | 2.48 |
| 539 | 100 | STEEL FLEX 1 | 256.50 | C | 0.05 | E | 256.50 | 4.65 |
| 551 | 24 | FLEX CONN ST 1 | 226.80 | C | 0.14 | E | 54.43 | 3.35 |
| 706 | 700 | # 10 THHN/THWN STR | 353.70 | M | 0.78 | C | 247.59 | 5.43 |
| 1003 | 4 | JB SC GALV N1 12 X 12 X 6 | 202.50 | E | 0.68 | E | 810.00 | 2.73 |
| | 10 | Meetings, coordination and prep | | | 3.00 | E | | 30.00 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 4 | UON Prep & Submittal | | | 2.50 | E | | 10.00 |
| | 1 | GC MISC. MATERIAL & LABOR | | | | | 748.49 | 120.47 |
| | | **TOTAL** | | | | | $5,738.43 | 522.03 |

#3013 LADY LAKE APS
ANIXTER INC.
450 ROLLING ACRES RD
LADY LAKE FL 32159-5031
352-561-3072 Fax 352-753-0572

**QUOTATION**
SE44351968
P/O# : 2145-400
12:43:20EST 09/15/23


All sales are subject to Anixter Inc.'s Terms & Conditions of Sale found at https://www.anixter.com/en_us/resources/terms-of-sale.html

**Sold To: 26878**
ELECTRIC SERVICES INC
1746 US HWY 441
LEESBURG, FL 34748-7091
352-787-1322 Fax 352-787-7871

**Ship To: 26878**
ELECTRIC SERVICES INC
GOAA E-286 BHS LIGHTING MOD
6100 CANAL ROAD LOT 16A
ORLANDO, FL 32827-7206
352-787-1322 Fax 352-787-7871

| Ordered By | Ship Via | Quote Date | |
|---|---|---|---|
| | BID | 09/15/23 | |
| Writer | Freight Terms/FOB | Expiration Date | |
| Vonnie Morgan | Yes | 09/14/23 | |
| Salesperson | Terms | FOB | |
| Dennis Bradford | 2% 10TH PROX 1.5% SC 50 | | |

Special Instructions: **********

| Quantity | UM | Product Description | FD | Unit Price | UM | Net Amount |
|---|---|---|---|---|---|---|
| 1 | ea | ^MISC PRODUCT FOR LOT BILLING<br>GOAA BHS ADDITIONAL LIGHTING PER FLAO23-95505-1<br><br>This Lot Consists of the following:<br>Ord Qty Shp Qty Description<br>61 61 ILP SS4-4L-U-40-FRL | | 4209.000 | ea | 4209.00 |

Wesco may charge you storage and transportation fees if you do not take possession or accept delivery of the above products within ninety (90) days or agreed upon time from such products being available for delivery or pick-up.

Lighting fixtures per discussions with GOAA/VI/OPS, match those used on north terminal BHS

| | | | |
|---|---|---|---|
| Total Weight | 0.0 lbs | Subtotal | 4209.00 |
| | | S & H | 0.00 |
| | | Tax | 0.00 |
| | | Total Amount | 4209.00 |

THIS IS A QUOTATION
Prices are firm until 09/14/23, subject to change without notice after 09/14/23.
SALES TAX IS AN ESTIMATE!S&H IS AN ESTIMATE!

C.E.S. (Leesburg)
1736 U.S. Highway 441, Leesburg, FL,
34748.

Phone: 352-787-3600
Fax: 352-787-6908
Email: Leesburg0137@cityelectricsupply.com

# QUOTATION

LEE/032149

Valid From: 18 Sep 2023
Valid Until: 23 Sep 2023



CITY ELECTRIC SUPPLY

ELECTRIC SERVICES INC - LEE
1746 US HWY 441
LEESBURG
34748
Phone: 3527871322

Entered by: Kaitlin Gaylord
Sales Rep: Robert Cosgrove
Account No.: 01370001001

| Qty | Item | Description | $ Price Per | $ Goods |
|---|---|---|---|---|
| 6 | ELCD-1008 | ISOL ELCD-1008 | | |
| 1 | LOT PRICE | LOT PRICE | 2713.64 1 | 2713.64 |

PLUS FREIGHT 5 DAY LEAD TIME

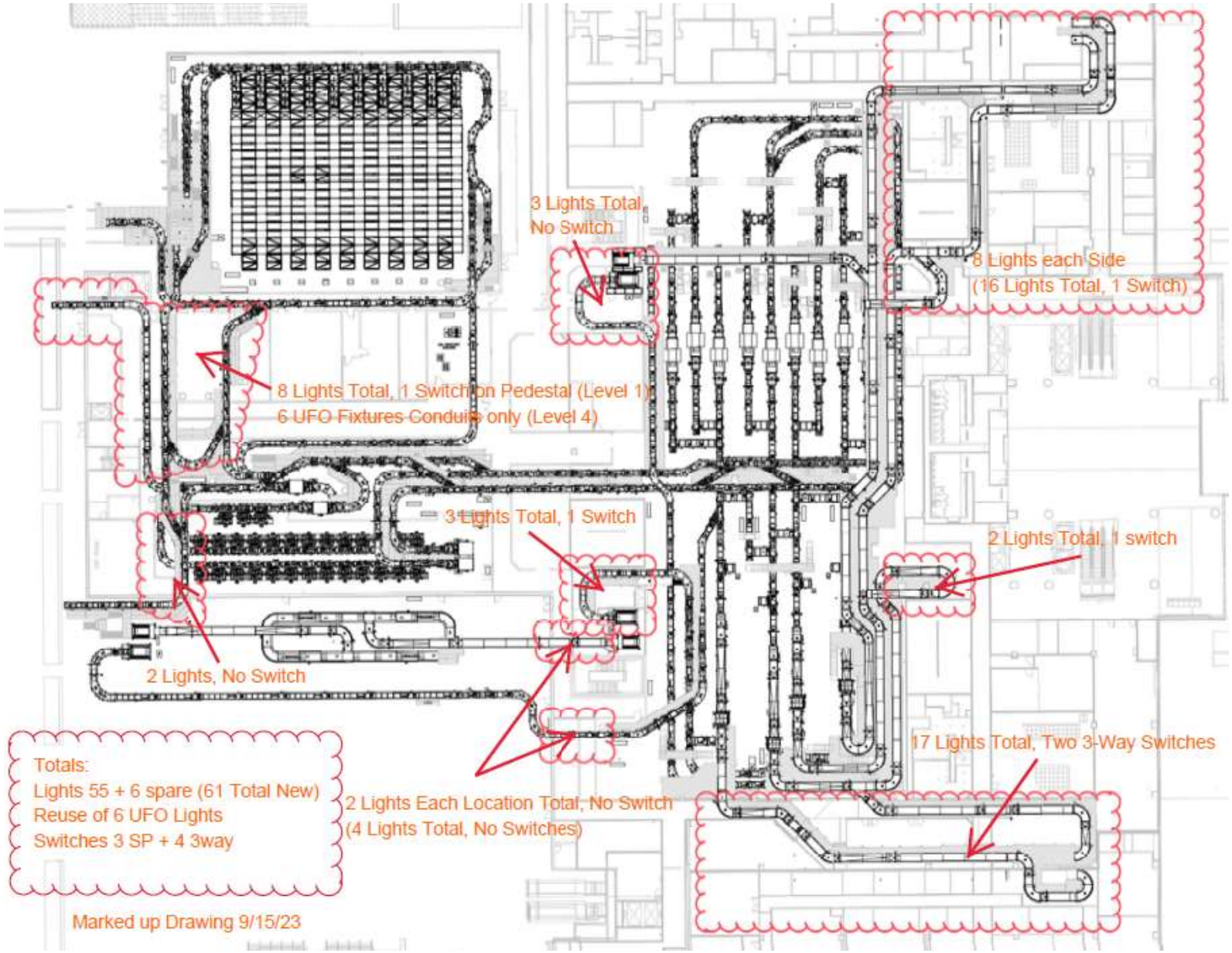
Please do not hesitate to contact us if we can be of any further assistance.

Sincerely Yours,

Relay contactors to transfer power

Kaitlin Gaylord

Prices may be subject to change from manufacturer at the time of dispatch. When ordering please use above quotation number.
Seller assumes no responsibility for quoted materials meeting job specifications unless specifically stated in writing.
Substitution of similar quality material is permitted. All special order material is non-returnable or subject to the manufacturer's return goods policy.
E&OE


3 Lights Total,
No Switch
8 Lights each Side
(16 Lights Total, 1 Switch)
8 Lights Total, 1 Switch on Pedestal (Level 1)
6 UFO Fixtures Conduits only (Level 4)
3 Lights Total, 1 Switch
2 Lights Total, 1 switch
2 Lights, No Switch
17 Lights Total, Two 3-Way Switches
Totals:
Lights 55 + 6 spare (61 Total New)
Reuse of 6 UFO Lights
Switches 3 SP + 4 3way
2 Lights Each Location Total, No Switch
(4 Lights Total, No Switches)
Marked up Drawing 9/15/23

**OAR Summary of Probable Construction Costs**

**E-S00020 Electrical BHS Lighting Improvements**

**13-Nov-23**

| | | | | Materials | | Labor | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Item No.** | **BHS LED Strip Lights** | **Qty** | **Units** | **Unit Cost** | **Material Cost** | **Man hours** | **Unit Cost** | **Labor Cost** | **Subtotals** |
| 1 | LED Strip Lights | 61 | EA | $ 70.00 | $ 4,270.00 | 90 | $ 43.00 | $ 3,870.00 | $ 8,140.00 |
| 8 | 3/4" EMT pipe | 700 | LF | $ 1.00 | $ 700.00 | 70 | $ 43.00 | $ 3,010.00 | $ 3,710.00 |
| 9 | 3/4 fittings,couplings, connectors | 1 | LS | $ 350.00 | $ 350.00 | 4 | $ 43.00 | $ 172.00 | $ 522.00 |
| 11 | Mounting boxes | 4 | EA | $ 18.00 | $ 72.00 | 2 | $ 43.00 | $ 86.00 | $ 158.00 |
| 15 | 1/2" flex mccable | 300 | LF | $ 3.00 | $ 900.00 | 35 | $ 43.00 | $ 1,505.00 | $ 2,405.00 |
| 17 | #12 THHN grnd/neu/hot | 3200 | LF | $ 0.24 | $ 768.00 | 60 | $ 43.00 | $ 2,580.00 | $ 3,348.00 |
| | Relays for transfer of power | 6 | EA | $ 680.00 | $ 4,080.00 | 6 | $ 43.00 | $ 258.00 | $ 4,338.00 |
| | 1" EMT pipe | 190 | LF | $ 1.80 | $ 342.00 | 21 | $ 43.00 | $ 903.00 | $ 1,245.00 |
| | 1" EMT connectors and couplings | 1 | LS | $ 65.00 | $ 65.00 | 5 | $ 43.00 | $ 215.00 | $ 280.00 |
| | Unistrut | 100 | LF | $ 3.00 | $ 300.00 | 15 | $ 43.00 | $ 645.00 | $ 945.00 |
| | Allthread and connectors | 1 | LS | $ 145.00 | $ 145.00 | 15 | $ 43.00 | $ 645.00 | $ 790.00 |
| | #10 THHN | 220 | LF | $ 0.28 | $ 61.60 | 12 | $ 43.00 | $ 516.00 | $ 577.60 |
| 19 | | | | Materials | $ 12,053.60 | 335 | Labor | $ 13,889.00 | |
| 20 | | | | 7% Tax | $ 843.75 | | Burden | $ 5,833.38 | |
| 21 | | | | Total Mat. | $ 12,897.35 | | Labor Total | $ 19,722.38 | |
| 24 | | | | | | | | Labor and Material Total | $ 40,759.73 |
| 26 | | | | | | | | | |
| 27 | **ESI Contractor Support for Subs** | | | **Labor/Misc.** | | | | Contractor Support | $ 9,526.32 |
| 28 | Working Foreman | 60 | HRS | $ 43.00 | $ 2,580.00 | | | | $ 50,286.05 |
| 29 | Superintendant | 30 | HRS | $ 50.00 | $ 1,500.00 | | | Prime Mark-up 15% | $ 7,542.91 |
| 30 | Close-out tech | 0 | HRS | $ 35.00 | $ - | | | | $ - |
| 31 | Barricades-Safety | 0 | LS | $ 250.00 | $ - | | | | |
| 32 | UON Support/Coordination | 12 | Hrs | $ 43.00 | $ 516.00 | | | Grand Total | $ 57,828.96 |
| 33 | Articulating Boom lift x 2 | 0 | MO | $ 2,263.00 | $ - | | | | |
| 34 | Phone X 2 | 2 | MO | $ 150.00 | $ 450.00 | | | | |
| 35 | Truck x 2 | 2 | MO | $ 850.00 | $ 2,550.00 | | | | |
| 36 | Scissor Lift | 1 | EA | $ 1,450.00 | $ 1,450.00 | per attached drawing based on field walk with VI/OPS | | | |
| 37 | Permit | 1 | LS | $ 3,500.00 | $ 3,500.00 | | | | |
| 38 | | | | Labor | $ 4,596.00 | | | | |
| 39 | | | | Burden 42% | $ 1,930.32 | | | | |
| 40 | | | | Equipment | $ 3,000.00 | $ 9,526.32 | | | |

★★★★★ 5.00/1 Customer Review | Write a Review




# ELCD 1008

BRAND: EVENLITE

See **PRODUCT DESCRIPTION** below

This product is a variation of the base model: **Evenlite Accessories.**
**Customize your Evenlite Accessories**

**$680.50**

**Order Quantity**

1

**$680.50**/ea as Configured or choose a product variation below

**ADD TO CART**

Weight: 3 lbs
SKU: 99:ELCD-1008-
Product Name: ELCD 1008 Accessory

## DESCRIPTION

Accessory: Control Device ELCD 1008
This item can replace: ELCD1008

Section 01 11 00 - SUMMARY OF WORK
PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

2. E-S00020 Terminal C BHS Lighting Enhancements

can be summarized for purposes of administration and payment in the manner of project segments as follows:

Provide sixy-one (61) LED Strip lights utilizing existing circuits within specified BHS mezzanine locations for operational safety reasons

1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.
b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.
2) Form #018a System Interruption/Utility Outage Notification Procedured.
3) Form #018b Roofing Impact Notification
4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

   a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.

   a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
   b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

      1) Schedule and coordinate all deliveries and removal of debris with the OAR.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

   a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. Working hours are to be coordinated with the OAR with Operations. It is anticipated that approximately 100% of the work can be completed during normal Operational hours.

1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner's safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner's insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

# PROJECT START-UP PACKAGE FOR E-S00020-MCO

***PROJECT ASSESSMENT FORM (PAF)***

**Coding by Construction Finance :**

| | |
|---|---|
| Short Name: | |
| Template: | |
| Campus: | |
| Cost Center: | |
| Organization: | |
| Program: | |
| Subprogram: | |

**DATE:** November 28, 2023

**TO:** Kevin J. Thibault, P.E, Chief Executive Officer

**FROM:** Torie Brooks, Assistant Vice President, Construction

**SUBJECT:** **Project Start-Up**

**E-S00020-MCO TERMINAL C ENHANCEMENTS ELECTRICAL BHS LIGHTING IMPROVEMENTS**
**Orlando International Airport**

**PROGRAM: Facilities Improvements Projects / Other FIP Projects by Maintenance (FIP)**

## DESCRIPTION OF PROJECT:

**SPONSOR:** Facilities

Install approximately 61 LED strip lights within existing BHS Mezzanine areas at Terminal C Landside Terminal at the Orlando International Airport.

## PROPOSED DELIVERY METHOD: (Proposed)

**A/E:** NONE

**Construction:** Direct Negotiated - Traditional

**OAR Design Phase:** NONE

**OAR Constr. Phase:** PSA Constructors Inc. dba PSA Management Inc.

**PROJECT PRIORITY:** High Priority

**LIFE EXPECTANCY OF PROJECT:** 20 Years

**FUNDING:** GARBS (General Airport Revenue Bonds)

## SCHEDULE: (See Details under "CURRENT STATUS" Below)

| | | |
|---|---|---|
| Advertise: | | |
| Pre-Bid Conference: | | |
| Bid Opening: | | |
| Ant. Notice to Proceed: | 12/12/2023 | |
| Ant. Subst. Completion: | 03/10/2024 | **90 Calendar Days** |
| Ant. Final Completion: | 04/09/2024 | **30 Calendar Days** |

## CONTROL BUDGET:

| | | BY CONSTRUCTION FINANCE: | | |
|---|---|---|---|---|
| **Task** | **$ Amount** | **$ FUNDED** | **$ UNFUNDED** | **Comments** |
| A/E Consultant Fees - Design Phase (Base) | $0.00 | | | |
| A/E Consultant Fees - Construction Phase (Base) | $0.00 | | | |
| Construction | $61,870.24 | | | |
| OAR Fees - Design Phase | $0.00 | | | |
| OAR Fees - Construction Phase | $6,500.00 | | | |
| Miscellaneous | $0.00 | | | |
| Contingency | $6,629.76 | | | |
| **TOTAL** | **$75,000.00** | | | |

**Comments by Construction Finance**

| | | | | |
|---|---|---|---|---|
| FAA/AIP | | | | |
| FDOT | | | | |
| PFCs | | | | |
| Authority Funds | | | | |
| Other Funds | | | | |
| **TOTAL** | | | | |

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

# PROJECT START-UP PACKAGE FOR E-S00020-MCO

**CURRENT STATUS:**

FUNDING: GARBS

STATUS: Anticipate direct negotiations with cotinuing electrical contractor.

TENTATIVE SCHEDULE:
12/05/23 Receive Approval to Award from CC
12/11/23 Complete Contract Execution
12/12/23 Issue Construction NTP (effective date)
03/10/24 Substantial Completion (90 cal. days from NTP)
04/09/24 Final Completion (30 cal. days from Subst.)

**DRB (DISPUTE REVIEW BOARD):**

DRB requirement IS NOT anticipated.

**SYSTEMS / AREAS AFFECTED:**

NONE

**ANTICIPATED PERMITS:**

**PERMITS**

| Agency : | Type Of Permit: | Permit No: | Issued: | Expires: | Final: | Comments: | Address: |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

# PROJECT START-UP PACKAGE FOR E-S00020-MCO

**REVIEWED BY:**

ENGINEERING & CONSTRUCTION SENIOR STAFF:

_____ Date: _____

Torie Brooks, Assistant Vice President, Construction (Project Manager)

_____ Date: _____

Scott Shedek, Vice President, Construction

_____ Date: _____

Max E. Marble, Senior Vice President, Capital Programs

*If signing as a Temporary Designee, attach a copy of authorization memo (or e-mail)*

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
***(Prepared by Don Corthell, PSA)***

**Date:** **December 5, 2023**

**Re:** **Request for Approval of a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with Gomez Construction Company for V-S00045 Terminal C Enhancements Trash Room Platforms, Orlando International Airport**

---

The scope of this project is to provide two (2) trash dumpster platforms with associated power and misc. construction at the South Terminal C LST dumpster room on ground floor at the loading dock. The platforms are prefabricated by Republic and will allow for dumpsters to be loaded horizontally due to clearances overhead.

The duration of the project is 120 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of December 12, 2023. Liquidated damages are defined as $0.00 per calendar day for late Substantial Completion and $0.00 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

☒ Experience ☒ Available Personnel ☒ Current Workload

☒ Expertise ☐ Equitable Distribution ☐ Other:_____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved General Airport Revenue Bonds. Funding source verified by VHinds of Construction Finance on 11/29/23 as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Electrical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of $ 105,439.38, which includes a Lump Sum amount of $95,439.38 with an allowance in the amount of $10,000.00 without the requirement for performance and payment bonds.

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (with Allowances)
*Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).*

| CONSTRUCTION AWARD | |
|---|---|
| **L/S** | **$95,439.38** |
| **ALLOWANCE (NTE)** | **10,000.00** |
| **TOTAL** | **105,439.38** |
| **AAC – Compliance Review Date** | 11/29/2023 |
| **AAC – Funding Eligibility Review Date** | 11/29/2023 |

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

# MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** Request for Approval of a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with Gomez Construction Company for V-S00045 Terminal C Enhancements Trash Room Platforms, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited scope of the services to be provided, Gomez Construction Company did not propose small business participation in this job order construction services addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

*Trash Room Compactor Platform*

GOMEZ Construction Company
**Gomez Construction Company**
**749 Jackson Avenue**
**Winter Park, Florida 32788**
**407-628-4353 phone**
**407-645-2499 fax**

**November 14, 2023**

This is for the trash compactor platform, power and adjustment of the trash chute.
We presume this system fits in the space and will work as given to us.

| Item | Description of the Item | Est Qty | Unit | | Unit Cost | | Total Cost |
|---|---|---|---|---|---|---|---|
| 1 | **GCC Self Perform** | | | | | | |
| 2 | GCC PM | 8 | HOUR | $ | 82.22 | $ | 657.76 |
| 3 | GCC General Foreman | 24 | HOUR | $ | 64.10 | $ | 1,538.40 |
| 4 | GCC Foreman | 48 | HOUR | $ | 47.16 | $ | 2,263.68 |
| 5 | GCC Skilled | | HOUR | $ | 36.50 | $ | - |
| 6 | GCC Semi-Skilled | | HOUR | $ | 29.11 | $ | - |
| 7 | GCC Office | | HOUR | $ | 37.55 | $ | - |
| 8 | Permit | | LUMP | $ | - | $ | - |
| 9 | Dumpster | | EACH | $ | - | $ | - |
| 10 | Final Clean Up | | LUMP | $ | - | $ | - |
| 11 | Temp Water | | LUMP | $ | - | $ | - |
| 12 | Temp Toilets | | MONTH | $ | - | $ | - |
| 13 | Temp Protection | | LUMP | $ | - | $ | - |
| 14 | Fire Ext. | | EACH | $ | - | $ | - |
| 15 | | | | $ | - | $ | - |
| 16 | | | | $ | - | $ | - |
| 17 | | | | $ | - | $ | - |
| 18 | | | | $ | - | $ | - |
| 19 | | | | $ | - | $ | - |
| 20 | GCC Subtotal of Self-Perform | | | | | $ | 4,459.84 |
| 21 | GCC Mark-Up (Based on "Grand Total": $1 to $25K=15%, $25K to $500K=12%, $500K< =10%) | | | | 12% | $ | 535.18 |
| 22 | **Total GCC** | | | | | **$** | **4,995.02** |
| 23 | | | | | | | |
| 24 | **Subcontractors** | | | | | | |
| 25 | Republic | 1 | LUMP | $ | 70,712.76 | $ | 70,712.76 |
| 26 | ESI | 1 | LUMP | $ | 11,998.87 | $ | 11,998.87 |
| 27 | Trash chute adjustment allowance | 1 | LUMP | $ | 10,000.00 | $ | 10,000.00 |
| 28 | | 1 | LUMP | $ | - | $ | - |
| 29 | | 1 | LUMP | $ | - | $ | - |
| 30 | | 1 | LUMP | $ | - | $ | - |
| 31 | | 1 | LUMP | $ | - | $ | - |
| 32 | | 1 | LUMP | $ | - | $ | - |
| 33 | | 1 | LUMP | $ | - | $ | - |
| 34 | | 1 | LUMP | $ | - | $ | - |
| 35 | | 1 | LUMP | $ | - | $ | - |
| 36 | | 1 | LUMP | $ | - | $ | - |
| 37 | | 1 | LUMP | $ | - | $ | - |
| 38 | | 1 | LUMP | $ | - | $ | - |
| 39 | | 1 | LUMP | $ | - | $ | - |
| 40 | Subtotal Subcontractors | | | | | $ | 92,711.63 |
| 41 | GCC Mark-Up (Based on "Grand Total"; $1 to $25K=10%, $25K to $500K=8%, $500K< =6%) | | | | 8% | $ | 7,416.93 |
| 42 | **Total Subcontractors Above** | | | | | **$** | **100,128.56** |
| 43 | **Total GCC Above** | | | | | **$** | **4,995.02** |
| 44 | Subtotal GCC & Subcontractors | | | | | $ | 105,123.58 |
| 45 | Builder's Risk (.38% of line "Subtotal GCC & Subcontractors") | | | | | $ | 399.63 |
| 46 | GL Insurance (.9% of line "Subtotal GCC & Subcontractors") | | | | | $ | 946.11 |
| 47 | Bond (.76% of all lines above-When required) | | | | | | N/A |
| 48 | **Grand Total** | | | | | **$** | ~~106,469.32~~ |

$105,439.38
REVISED AFTER
ADJUSTMENTS,
DON CORTHELL, PSA/QAR

# Electric Services, Inc.

**INDUSTRIAL COMMERCIAL ELECTRICAL CONTRACTORS & ENGINEERS**
**EC#1415 CA#9435**
**1746 U.S. Highway 441, Leesburg, FL 34748**
**Telephone (352) 787-1322 Fax (352) 787-7871**


Date: 11/9/2023

**Gomez Construction, Inc.**
750 Jackson Ave.
Winter Park, FL 32789
Attn: Steve Corrow

Project: **Terminal-C LST Level-1 Compactor Winch Power**

Electric Services, Inc. is pleased to offer the following proposal for the above referenced project. Electric Services will supply all equipment, material and labor necessary to complete the electrical system as defined in the general scope of work below.

**GENERAL SCOPE OF WORK:**

1. Provide power conduits, with associated circuitry, to two new winches to be install in the dumpster enclosure.
2. Power provided to winches to be within 200' of electrical room, where two existing breakers shall be used.
3. Power provided to winches shall be #10 THHN to accommodate winch motors.
4. Provide two NEMA-1 Eaton C-H DH362FGK 60-amp 600v rated fused disconnects, with associated fuses, for new winches.

**LIMITATIONS & EXCLUSIONS:**

1. Drywall and paint repair done by others.
2. X-ray of walls and or floors is by others.
3. No new ACS conduits included.
4. No permit fees or permit documents are included.
5. No fire alarm, security, access control or low voltage equipment, wire, terminations or testing has been included; all by others.
6. Work to be completed during days and no overtime has been included.
7. Proposal good for up to 30-days.

**BASE BID: $11,998.87**

Respectfully,

Wood T. Brazill, P.E.
Vice-President of Engineering

# *Electric Services, Inc.*

*Tele 352-787-1322  Fax 352-787-7871*

## SUMMARY SHEET

## Terminal-C LST Level-1 Compactor Winch Power

November 9, 2023

| ITEM NO. | Self-Performed - By Electric Services | MATERIAL-DOLLARS | LABOR-HOURS |
|---|---|---|---|
| 1 | BOM | 2,227.98 | 100.79 |
| 2 | *Disconnects & Fuses* | 528.64 | |
| 3 | Breakers | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | **Subcontractors Quotes** | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | TOTAL - SUBCONTRACTORS QUOTES | $ - | |

| ADDITIONAL LABOR | HOURS |
|---|---|
| Handling Material | 5.04 |
| Superintendent | |
| Project Foreman | 10.08 |
| Contractual Negotiations | |
| Estimating | |
| **TOTAL (A)** | 15.12 |

| | | | |
|---|---|---|---|
| Miscellaneous Material and Labor | | $ 2,756.62 | 100.79 |
| Sales Tax | | 192.96 | 0.00 |
| Additional Labor | | | 15.12 |
| TOTALS - MATERIAL & SUB | | $ 2,949.59 | 115.91 |
| 115.91 | Standard Hours Labor @ | $ 40.00 | 4,636.37 |
| - | Non-standard Labor @ | $ 43.00 | 0.00 |
| | | | 0.00 |

| UNITS | JOB EXPENSE | RATE | DOLLARS |
|---|---|---|---|
| 58.0 | Field Truck - hrs | $ 9.50 | $ 550.57 |
| 1.0 | Field office - wks | $ 350.00 | $ 350.00 |
| 0.0 | Dumpster Disp. | $ 350.00 | $ - |
| | Lull | $ 75.00 | $ - |
| 0.0 | 30' Scisrs Lift - mth | $ 1,500.00 | $ - |
| | JOB EXPENSE | | |
| Permitting | | | $ - |
| Travel | | | $ - |
| S&S permit drawings | | | $ - |
| Small Tools - Consumable | | | $ - |
| Equipment Rental Cost - metering | | | $ - |
| | | **TOTAL (B)** | $ 900.57 |

| | | |
|---|---|---|
| Labor Hours | Subtotal Labor | 4,636.37 |
| 42% | Labor Burden | 1,947.27 |
| **LABOR COST GROSS TOTAL** | | 6,583.64 |
| Equipment/Tool Expense (B) | | 900.57 |
| Material Cost & Sub | | 2,949.59 |
| **TOTAL PRIME COST** | | 10,433.80 |
| 15% | ESI-Over Head & Profit | 1,565.07 |
| 10% | Sub - Overhead & Profit | 0.00 |
| **TOTAL NET COST** | | 11,998.87 |
| Selling Price without Bond | | 11,998.87 |
| 1.0% | Bond | n/a |
| Selling Price with Bond | | 11,998.87 |
| **"PRICE QUOTED"** | | **$11,998.87** |

# *Electric Services, Inc.*

*Tele 352-787-1322  Fax 352-787-7871*

## SUMMARY SHEET

## Terminal-C LST Level-1 Compactor Winch Power

November 9, 2023

| Item # | Quantity | Item Name | Material | U | Labor | U | Ext. Material | Ext. Labor |
|---|---|---|---|---|---|---|---|---|
| 9 | 300 | EMT 1 | 236.25 | C | 0.08 | E | 708.75 | 23.25 |
| 64 | 6 | EMT CONN, COMP IT S 1 | 72.90 | C | 0.12 | E | 4.37 | 0.74 |
| 97 | 30 | EMT COUPLING, COMP S 1 | 70.20 | C | 0.08 | E | 21.06 | 2.33 |
| 187 | 2 | LOCK NUT 1 | 11.41 | C | 0.03 | E | 0.23 | 0.06 |
| 208 | 6 | BUSH PLASTIC 1 | 12.15 | C | 0.03 | E | 0.73 | 0.19 |
| 219 | 2 | BUSH INSUL GRND 1 | 279.45 | C | 0.06 | E | 5.59 | 0.12 |
| 400 | 50 | EMT STRAP 1H 1 | 16.88 | C | 0.05 | E | 8.44 | 2.33 |
| 419 | 20 | B-905 STRUT 1 1/2 | 415.80 | C | 0.19 | E | 83.16 | 3.72 |
| 432 | 20 | MINI STRAP 1 | 40.50 | C | 0.12 | E | 8.10 | 2.48 |
| 486 | 2 | LB MA 1 | 21.60 | E | 0.62 | E | 43.20 | 1.24 |
| 573 | 25 | SEALTITE 3/4 | 251.10 | C | 0.05 | E | 62.78 | 1.16 |
| 584 | 4 | SEALTITE CONN 3/4 | 248.40 | C | 0.20 | E | 9.94 | 0.81 |
| 652 | 2 | 4 11/16 1 | 178.24 | C | 0.29 | E | 3.56 | 0.59 |
| 654 | 2 | 4 11/16 BLANK COVER | 53.57 | C | 0.09 | E | 1.07 | 0.19 |
| 709 | 2000 | # 10 THHN/THWN SOL | 337.50 | M | 0.78 | C | 675.00 | 15.50 |
| 1074 | 1 | PLASTIC TAPE | 0.86 | E | 0.78 | E | 0.86 | 0.78 |
| 1081 | 1 | ROLL DUCT TAPE | 4.73 | E | 1.55 | E | 4.73 | 1.55 |
| 1082 | 2 | WIRE MARKERS | 11.14 | E | 1.55 | E | 22.28 | 3.10 |
| 1084 | 10 | SMALL TIE WRAP | 20.84 | C | 0.03 | E | 2.08 | 0.31 |
| 1088 | 1 | SPRAY PAINT IN CAN | 4.05 | E | 0.78 | E | 4.05 | 0.78 |
| 1093 | 1 | FIRECAULK TUBE | 16.20 | E | 1.55 | E | 16.20 | 1.55 |
| 1099 | 2 | GRD SCREW (GRN) | 36.45 | C | 0.03 | E | 0.73 | 0.06 |
| 1104 | 20 | 1/4 X 1 1/4 TAPCON | 19.53 | C | 0.09 | E | 3.91 | 1.86 |
| 1150 | 20 | 3/8 ALTHREAD ROD | 35.78 | C | 0.05 | E | 7.16 | 0.93 |
| 1151 | 20 | 3/8 HEX NUTS | 3.78 | C | 0.03 | E | 0.76 | 0.62 |
| 1152 | 18 | 3/8 LOCK WASHER | 5.33 | C | 0.03 | E | 0.96 | 0.56 |
| 1153 | 18 | 3/8 FLAT WASHER | 5.40 | C | 0.03 | E | 0.97 | 0.56 |
| 1155 | 20 | 3/8 DROP IN STEEL ANCHOR | 51.98 | C | 0.12 | E | 10.40 | 2.48 |
| 1156 | 10 | 3/8 CAST BEAM CLAMP | 492.75 | C | 0.06 | E | 49.28 | 0.62 |
| 1158 | 10 | 3/8 X 1 BOLT | 5.33 | C | 0.03 | E | 0.53 | 0.31 |
| 1181 | 2 | ACRYLIC LABLE 1 X 3 | 4.73 | E | 0.39 | E | 9.45 | 0.78 |
| 1183 | 1 | WIRE LUB (1 QT ) | 6.68 | E | 0.78 | E | 6.68 | 0.78 |
| 1185 | 500 | PULL STRING | 10.80 | M | 0.47 | C | 5.40 | 2.33 |
| 1345 | 2 | 3/30A 600V N3R FU | 0.00 | Q | 2.00 | E | | 4.00 |
| | | | | | | | | |
| | 1 | UON Prep & Submittal | | | 2.00 | E | | 2.00 |
| | 1 | GC MISC. MATERIAL & LABOR | | | | | 445.60 | 20.16 |
| | | **TOTAL** | | | | | $2,227.98 | 100.79 |

# INVOICE

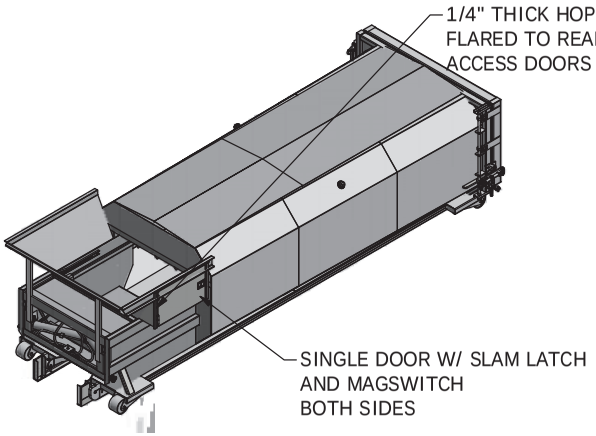
## Republic Services

DATE: September 15, 2023
INVOICE # 690-00009152023

FOR: Platform Sale and Installat (OIA)
BILL TO: OIA-Landside Terminal Orlando, Florida

Republic Services #690
11255 Rocket Blvd.
Orlando, Florida 32824

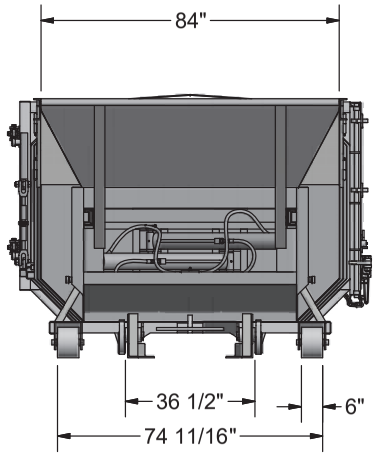
| DESCRIPTION | AMOUNT |
|---|---|
| | |
| Platform Sale (2 Units) | $ 57,112.76 |
| Special Platform with Winch Mounted on Platform to Pull Compactor from Truck | |
| Special Platform for Compactors at Landside | |
| | |
| | |
| | |
| Platform Installation (2) Includes Delivery, and Mounting the Winches | $ 13,600.00 |
| | |
| | |
| | |
| | |
| | |
| | |
| 1/2 due at order and 1/2 due upon installation | |
| | |
| | |
| | |
| | |
| SUBTOTAL | $ 70,712.76 |
| TAX RATE | 0.00% |
| SALES TAX | - |
| COUNTY SUR TAX | - |
| TOTAL | 70,712.76 |

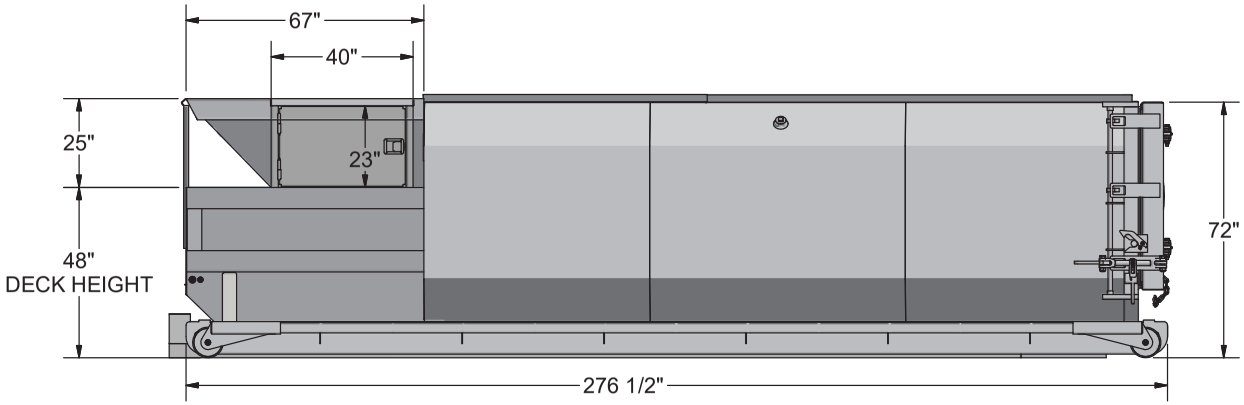



**NOTE:** THIS IS A CONCEPTUAL DRAWING ONLY. FIELD CONDITIONS MAY REQUIRE AN ALTERNATIVE LOCATION AND/OR DESIGN.

**NOTES**

- **PRESSURE GAUGE - COLOR CODED AND NUMERIC - ON POWER UNIT**
- **12' HYDRAULIC HOSES PER UNIT**
- **GUIDE RAILS - 45' - W/ STOPS**




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PLEASE REVIEW BEFORE SIGNING THIS DRAWING.
PLEASE MARK CHANGES. ALL CHANGES WILL BE REVIEWED.

FIRM: _____

SIGNATURE: _____ DATE: _____

TITLE: _____

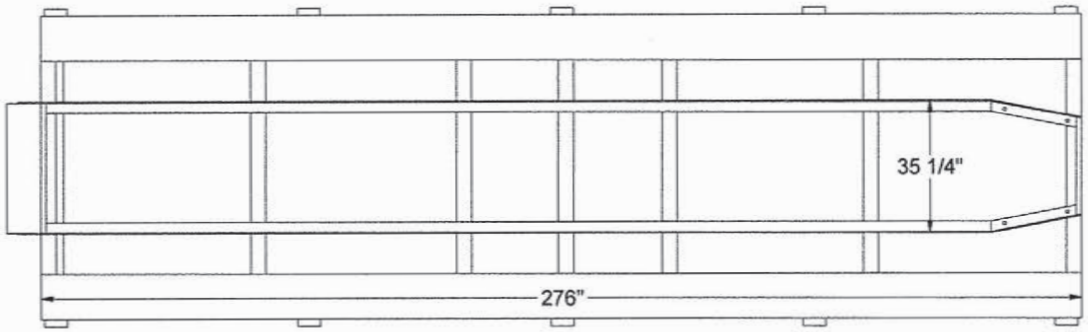
PRODUCTION CANNOT BEGIN UNTIL WASTEQUIP, INC. RECEIVES THIS SIGNED APPROVAL.

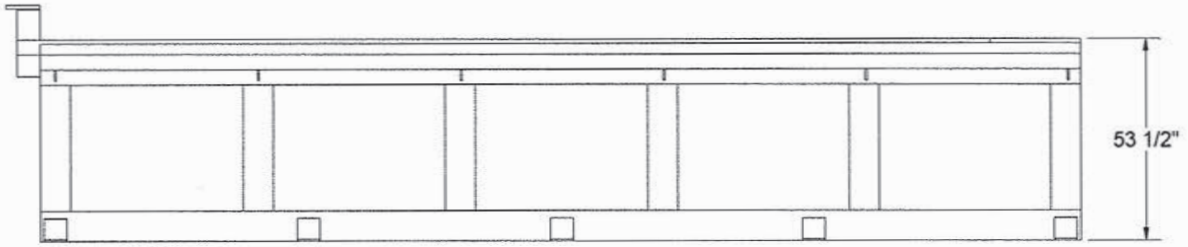
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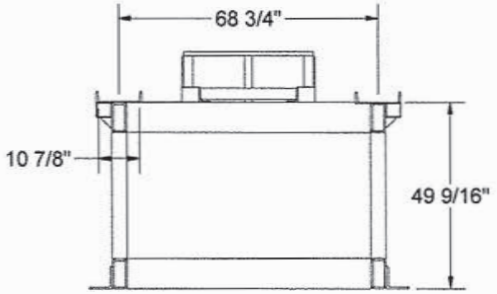
| | | | | | | |
|---|---|---|---|---|---|---|
| REF. 15027 | DXF: | Drawn By: tstefancic | Date: 5/10/2022 | Weight: 8869 lbmass | Scale: DO NOT SCALE DWG | |
| | Job #: | Revision: C | Revision Date: 7/15/2022 | Drawing Number: **3SA6156** | | |
| UNLESS OTHERWISE SPEFICIED: UNITS ARE INCHES AND TOLERANCES: | Previous Part #: | | | | | |
| Fractional: ± 1/16" / Angular: ± 1' | Description: **265XPE-35 72" OAH W/ TOP FEED HOPPER 84in W FLARED TO REAR AND GUIDE RAILS** | | | Sheet No. 1 OF 1 | Loc. ID: | |

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| Wastequip Assembly BOM | | | | | | |
|---|---|---|---|---|---|---|
| Bubble | Item # | Item Description | Material | Qty | DWG? | Weight |
| 1 | 223619 | PLATFORM BASE - ELYTUS | ASSEMBLY | 1 | Y | 3474.06 |
| 2 | 223620 | TOP FRAME OF PLATFORM - ELYTUS | ASSEMBLY | 1 | Y | 4754.5 |




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WASTEQUIP

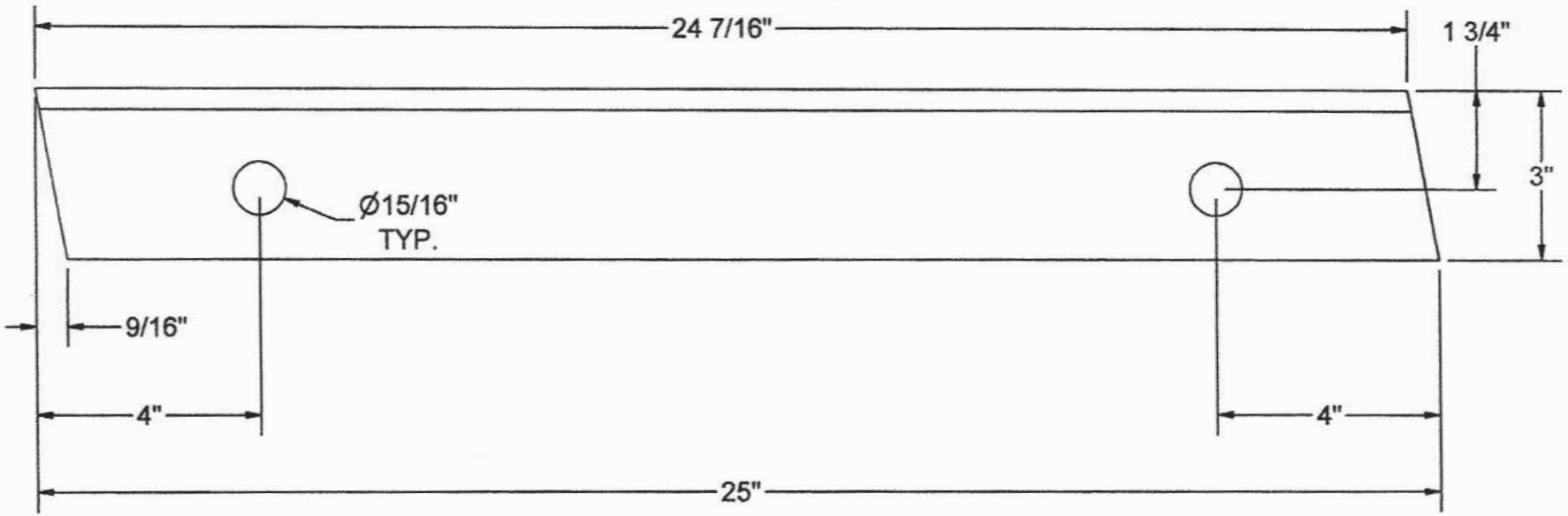
REF.

UNLESS OTHERWISE SPEFICIED: UNITS ARE INCHES AND TOLERANCES:

Fractional: ±1/16" | Angular: ±1°

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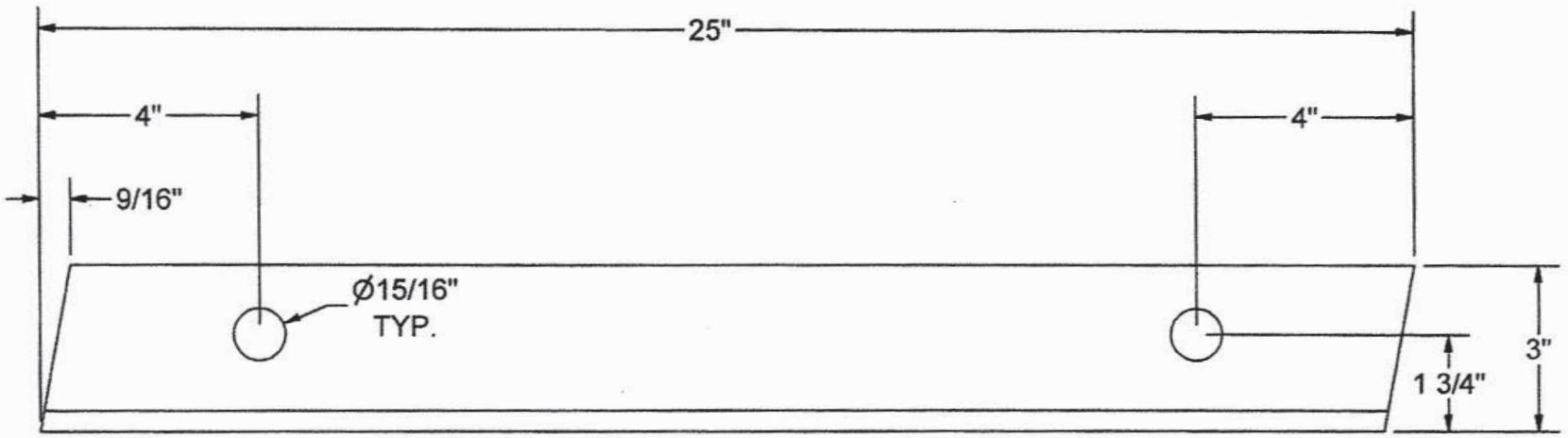
| | | | |
|---|---|---|---|
| DXF: | Drawn By: gsavin | Date: 1/18/2015 | Weight: 0 # |
| Job #: | Revision: A | Revision Date: 11/6/2012 | Scale: DO NOT SCALE DWG |
| Previous Part #: | | | Drawing Number: 223618 |
| Description: CUSTOM STAND FOR EXISTING SC - ELYTUS | | | - |
| | | | Sheet No. / Location ID: |




AN 4 X 3 X 3/8 X 25

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| | | | | | | |
|---|---|---|---|---|---|---|
| WASTEQUIP | REF. | DXF: | Drawn By: SCS | Date: 9/19/2012 | Weight: # | Scale: DO NOT SCALE DWG |
| | | Job #: | Revision: A | Revision Date: | Drawing Number: 161437 | |
| UNLESS OTHERWISE SPEFICIED: UNITS ARE INCHES AND TOLERANCES: | | Previous Part #: | | | | |
| Fractional: | Angular: | Description: LEFT MITERED ANGLE | | | | |
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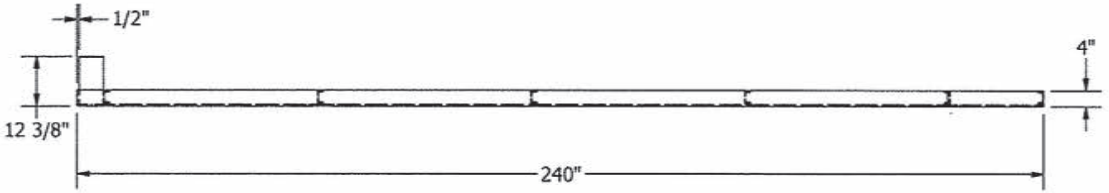

AN 4 X 3 X 3/8 X 25

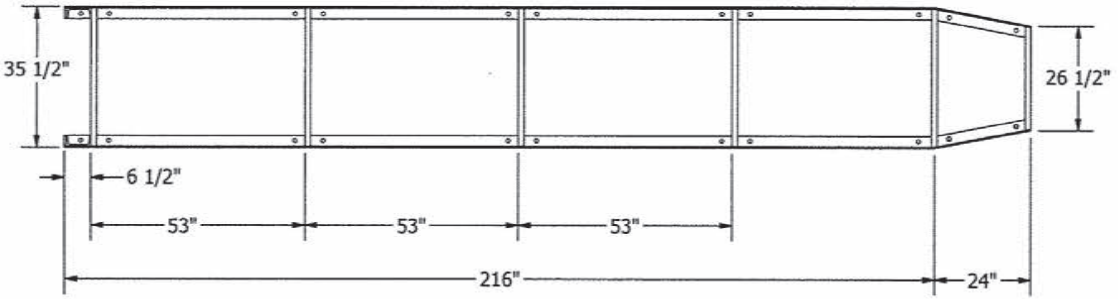
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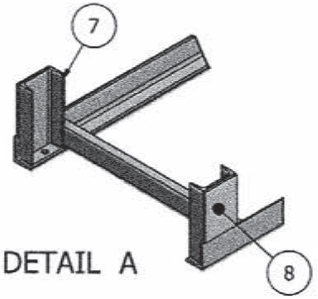
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| | | Job #: | Revision: A | Revision Date: 9/20/2012 | Drawing Number: 161438 | |
| UNLESS OTHERWISE SPEFICIED: UNITS ARE INCHES AND TOLERANCES: | | Previous Part #: | | | | |
| Fractional: | Angular: | Description: RIGHT MITERED ANGLE | | | Sheet No. | Location ID: |

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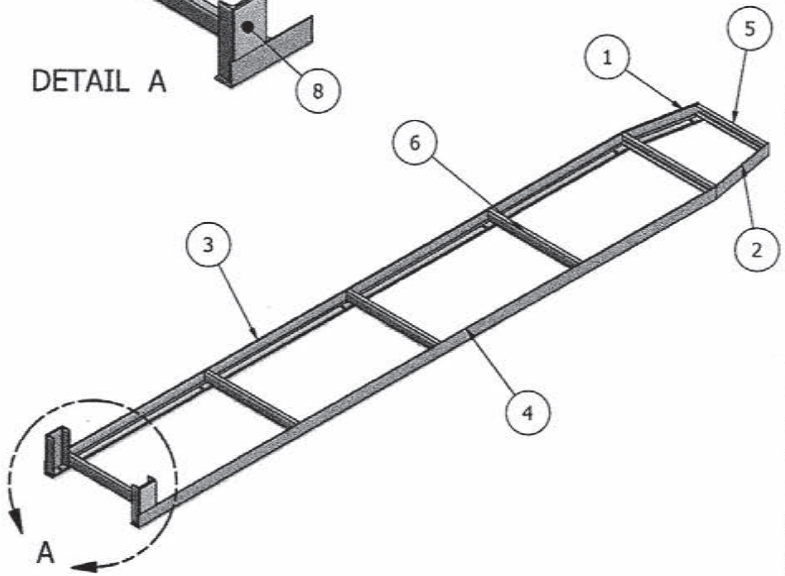
| Wastequip Assembly BOM | | | | | |
|---|---|---|---|---|---|
| Bubble | Item # | Item Description | Material | Qty | DWG? |
| 1 | 161437 | LEFT MITERED ANGLE | AN 4 X 3 X 3/8 X 25 | 1 | Y |
| 2 | 161438 | RIGHT MITERED ANGLE | AN 4 X 3 X 3/8 X 25 | 1 | Y |
| 3 | 190207 | LEFT STRAIGHT ANGLE | AN 4 X 3 X 3/8 X 216 | 1 | Y |
| 4 | 190208 | RIGHT STRAIGHT ANGLE | AN 4 X 3 X 3/8 X 216 | 1 | Y |
| 5 | 137117 | SHORT CROSS CHANNEL | CH 3 X 3# X 25 3/4 | 1 | N |
| 6 | 137119 | LONG CROSS CHANNEL | CH 3 X 3# X 34 1/2 | 5 | N |
| 7 | 166333 | STOP CHANNEL | CH 6 X 12# X 12 | 2 | N |
| 8 | 166334 | STOP PLATE | HRFB 3/8 X 6 X 8 1/4 | 2 | N |




DETAIL A




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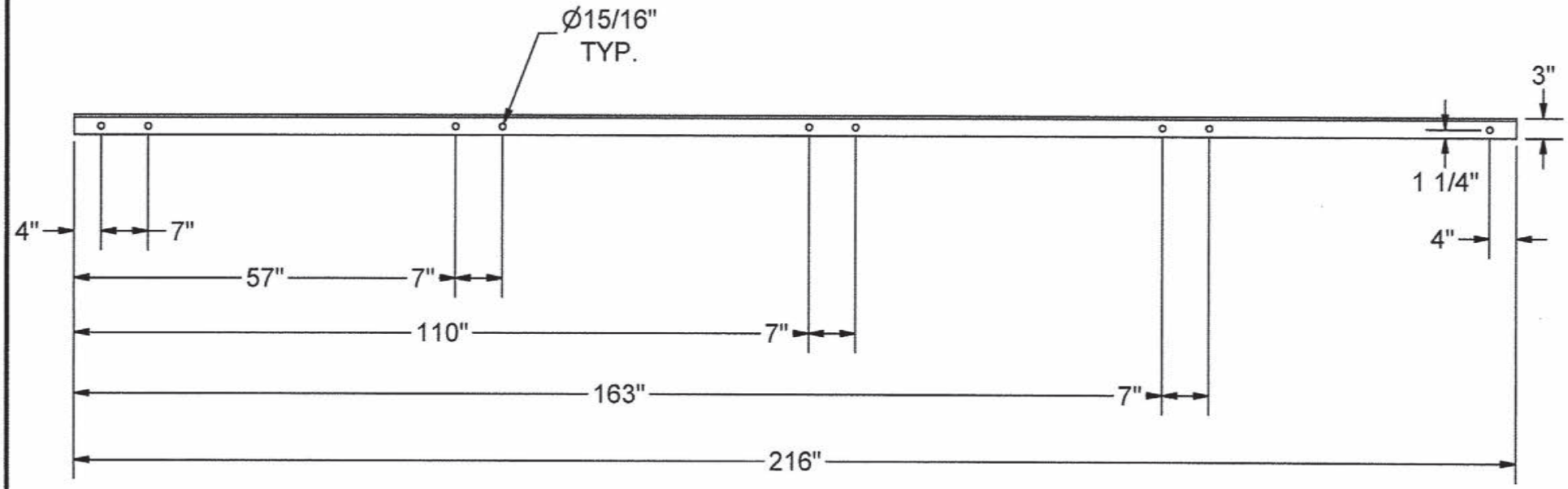
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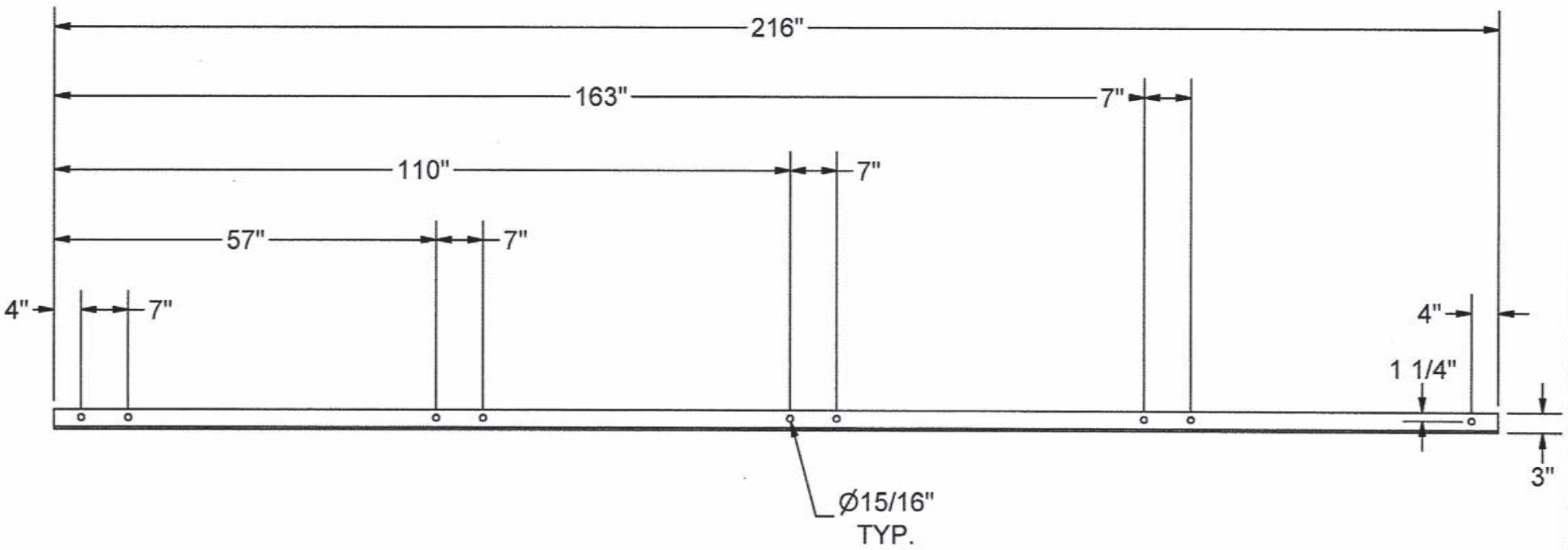
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|---|---|---|---|---|---|
| DXF: | | Drawn By: SCS | Date: 9/20/2012 | Weight: 0 # | Scale: DO NOT SCALE DWG |
| Job #: | | Revision: A | Revision Date: 9/20/2012 | Drawing Number: **190206** | |
| Previous Part #: | | | | | |
| Description: **20' GUIDE RAIL W/ STOPS** | | | | Sheet No. | Location ID: |




AN 4 X 3 X 3/8 X 216

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| | | | | | | |
|---|---|---|---|---|---|---|
| WASTEQUIP | REF. | DXF: | Drawn By: SCS | Date: 9/19/2012 | Weight: # | Scale: DO NOT SCALE DWG |
| | | Job #: | Revision: A | Revision Date: | Drawing Number: 190207 | |
| UNLESS OTHERWISE SPEFICIED: UNITS ARE INCHES AND TOLERANCES: | | Previous Part #: | | | | |
| Fractional: | Angular: | Description: LEFT STRAIGHT ANGLE | | | | |
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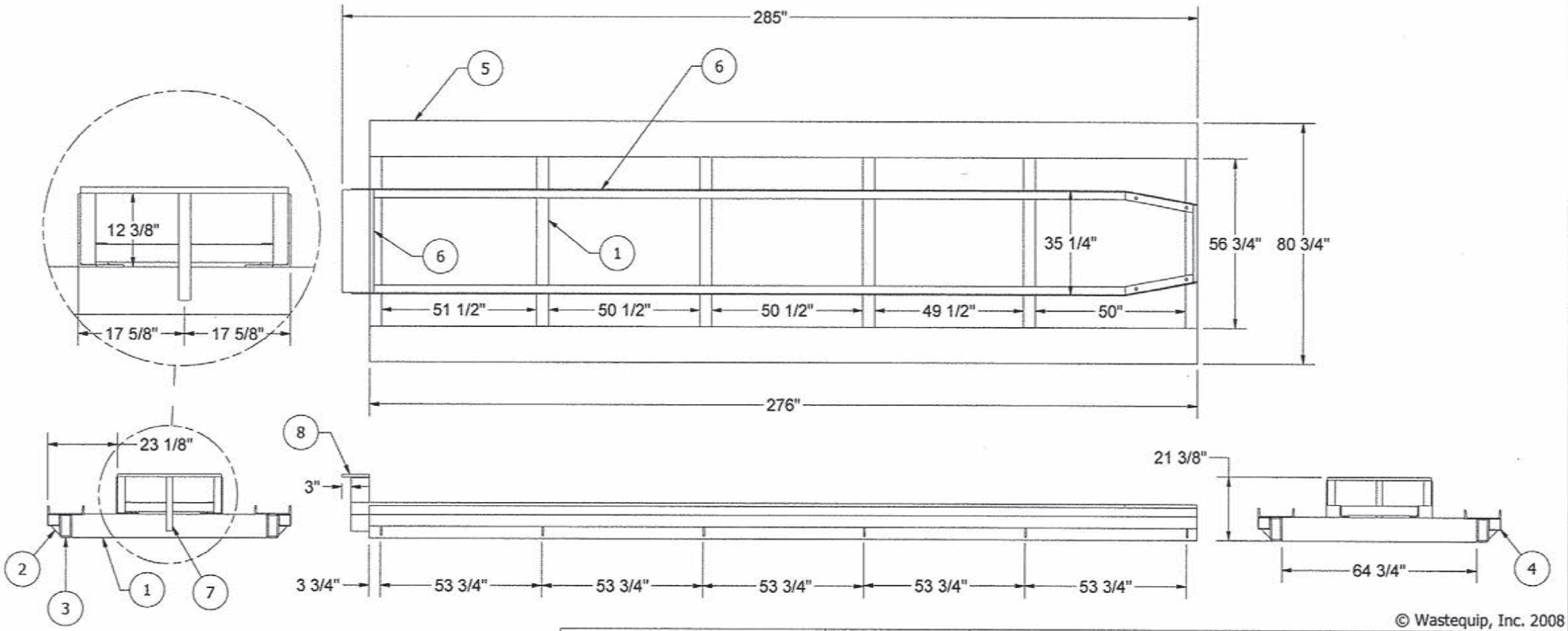

AN 4 X 3 X 3/8 X 216

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|---|---|---|---|---|---|---|
| WASTEQUIP | REF. | DXF: | Drawn By: SCS | Date: 9/20/2012 | Weight: # | Scale: DO NOT SCALE DWG |
| | | Job #: | Revision: A | Revision Date: 9/20/2012 | Drawing Number: **190208** | |
| UNLESS OTHERWISE SPEFICIED: UNITS ARE INCHES AND TOLERANCES: | | Previous Part #: | | | | |
| Fractional: | Angular: | Description: **RIGHT STRAIGHT ANGLE** | | | | |
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| Wastequip Assembly BOM | | | | | | |
|---|---|---|---|---|---|---|
| Bubble | Item # | Item Description | Material | Qty | DWG? | Weight |
| 1 | 204091 | CUT TS | RT 1/2 X 8 X 4 X 64 3/4 CUT | 6 | N | 190.41 |
| 2 | 161828 | GUSSET | PL 1/2 X 3 X 3 TCUT | 12 | N | .08 |
| 3 | 223622 | CUT TS | RT 1/2 X 8 X 4 X 276 CUT | 2 | N | 811.65 |
| 4 | 223623 | CUT TS | RT 3/16 X 4 X 4 X 276 CUT | 2 | N | 217 |
| 5 | 223624 | GUIDES | CH 12 X 20.7# X 276 CUT | 2 | N | 476.31 |
| 6 | 190206 | 20' GUIDE RAIL W/ STOPS | ASSEMBLY | 1 | Y | 494.6 |
| 7 | ~~171394~~ | CUT TS | RT 1/4 X 6 X 2 X 18 CUT | 1 | N | 18.34 |
| 8 | 223625 | PLATE | FB 1 X 9 X 34 1/2 CUT | 1 | N | 88.17 |

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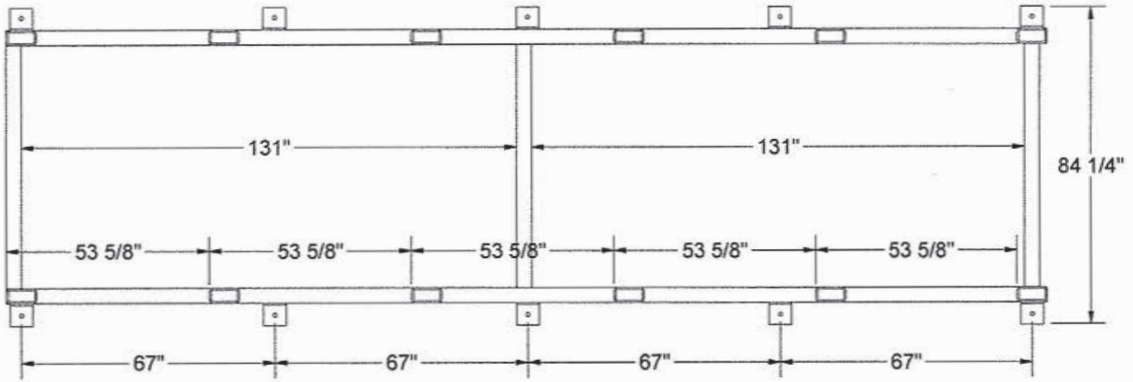
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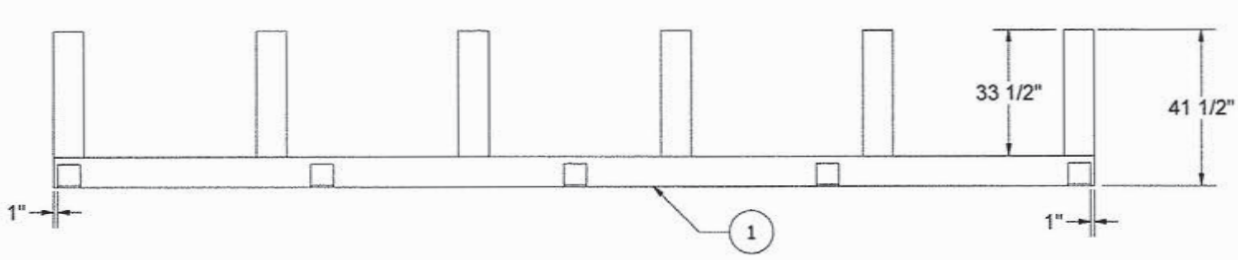
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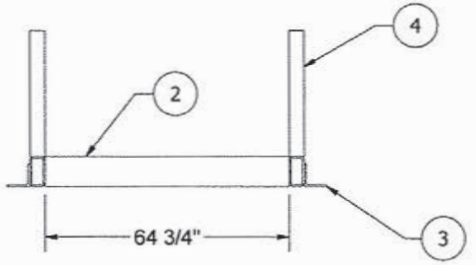
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| | | | | | |
|---|---|---|---|---|---|
| DXF: | Drawn By: gsavin | Date: 1/18/2015 | Weight: # | Scale: DO NOT SCALE DWG | |
| Job #: | Revision: A | Revision Date: 11/6/2012 | Drawing Number: 223620 | | |
| Previous Part #: | | | | | |
| Description: TOP FRAME OF PLATFORM - ELYTUS | | | Sheet No. | Location ID: | |

| Wastequip Assembly BOM | | | | | | |
|---|---|---|---|---|---|---|
| Bubble | Item # | Item Description | Material | Qty | DWG? | Weight |
| 1 | 223622 | CUT TUBE | RT 1/2 X 8 X 4 X 276 CUT | 2 | N | 811.65 |
| 2 | 204091 | CUT TUBE | RT 1/2 X 8 X 4 X 64 3/4 CUT | 3 | N | 190.41 |
| 3 | 204093 | ANCHOR PAD | AN 1/2 X 6 X 6 X 6 DWG | 10 | Y | 9.73 |
| 4 | 223621 | CUT TUBE | RT 1/2 X 8 X 4 X 33 1/2 CUT | 12 | N | 98.52 |




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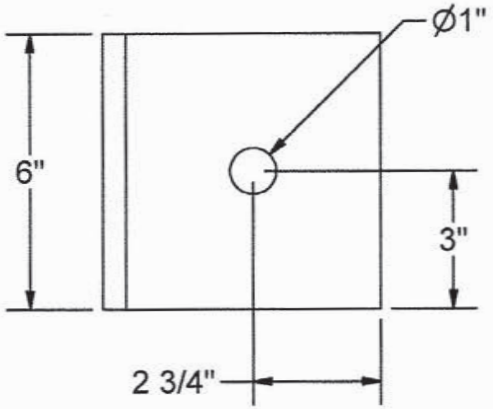
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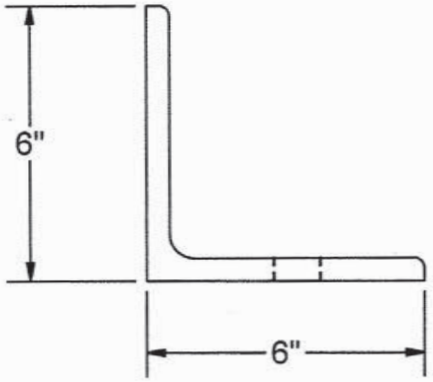
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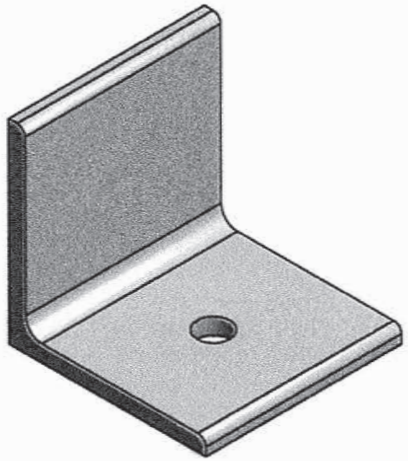
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|---|---|---|---|---|---|
| DXF: | Drawn By: gsavin | Date: 1/18/2015 | Weight: # | Scale: DO NOT SCALE DWG | |
| Job #: | Revision: A | Revision Date: 11/6/2012 | Drawing Number: 223619 | | |
| Previous Part #: | | | | | |
| Description: PLATFORM BASE - ELYTUS | | | Sheet No. | Location ID: | |



AN 6 X 6 X 1/2 X 6

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| | | | | | | |
|---|---|---|---|---|---|---|
| WASTEQUIP | REF. | DXF: | Drawn By: trichardson | Date: 6/20/2013 | Weight: # | Scale: DO NOT SCALE DWG |
| | | Job #: | Revision: A | Revision Date: 6/20/2013 | Drawing Number: **204093** | |
| UNLESS OTHERWISE SPEFICIED: UNITS ARE INCHES AND TOLERANCES: | | Previous Part #: | | | | |
| Fractional: ± 1/16" | Angular: ±1° | Description: **ANCHOR PAD** | | | | |
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**OAR Summary of Probable Construction Costs**
**V-S00045 Terminal C Trash Room Platforms**
**13-Nov-23**

| | | | | Materials | | Labor | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Item No.** | **Trash Room Platforms** | **Qty** | **Units** | **Unit Cost** | **Material Cost** | **Man hours** | **Unit Cost** | **Labor Cost** | **Subtotals** |
| 1 | Platforms-Quote from Republic/GOAA OPS | 0 | LS | $ 70,712.00 | $ - | 0 | $ 43.00 | $ - | $ 70,712.00 |
| 8 | Electrical | 0 | LS | $ 12,000.00 | $ - | 0 | $ 43.00 | $ - | $ - |
| 9 | 60 amp Nema 1 disconnects | 2 | EA | $ 157.00 | $ 314.00 | 20 | $ 43.00 | $ 860.00 | $ 1,174.00 |
| 10 | Connectors/fittings/straps | 1 | LS | $ 450.00 | $ 450.00 | 4 | $ 43.00 | $ 172.00 | $ 622.00 |
| 11 | Mounting boxes | 4 | EA | $ 18.00 | $ 72.00 | 1 | $ 43.00 | $ 43.00 | $ 115.00 |
| 15 | Sealtite-flex 3/4" connectors | 12 | LF | $ 27.00 | $ 324.00 | 6 | $ 43.00 | $ 258.00 | $ 582.00 |
| 16 | 24" x 3/4" rigid nipple box to fixture connector | 0 | EA | $ 19.00 | $ - | 0 | $ 43.00 | $ - | $ - |
| 17 | #10 THHN grnd/neu/hot | 600 | LF | $ 0.24 | $ 144.00 | 60 | $ 43.00 | $ 2,580.00 | $ 2,724.00 |
| | UONs | 1 | | | | | | | $ 350.00 |
| 19 | | | | Materials | $ 1,304.00 | 91 | Labor | $ 3,913.00 | |
| 20 | | | | 7% Tax | $ 91.28 | | Burden | $ 1,643.46 | |
| 21 | | | | Total Mat. | $ 1,395.28 | | Labor Total | $ 5,556.46 | |
| 24 | | | | | | | | Labor and Material Total | $ 78,013.74 |
| 26 | | | | | | | | | |
| 27 | **ESI Contractor Support for Subs** | | | **Labor/Misc.** | | | | Contractor Support | $ 8,938.44 |
| 28 | Working Foreman | 70 | HRS | $ 43.00 | $ 3,010.00 | | | | $ 86,952.18 |
| 29 | Superintendant | 15 | HRS | $ 50.00 | $ 750.00 | | | Prime Mark-up 12% | $ 10,434.26 |
| 30 | Close-out tech | 0 | HRS | $ 35.00 | $ - | | | Allowance | $ 10,000.00 |
| 31 | Barricades-Safety | 1 | LS | $ 250.00 | $ 250.00 | | | | |
| 32 | UON Support/Coordination on airside | 4 | Hrs | $ 43.00 | $ 172.00 | | | Grand Total | $ 107,386.44 |
| 33 | Articulating Boom lift x 2 | 0 | MO | $ 2,263.00 | $ - | | | | |
| 34 | Phone X 2 | 2 | MO | $ 150.00 | $ 450.00 | | | | |
| 35 | Truck x 2 | 2 | MO | $ 850.00 | $ 2,550.00 | | | | |
| 36 | Dumpsters/Debris Removal-will use on site exisitng/site clean during operations | 0 | LS | $ 1,450.00 | $ - | | | | |
| 37 | Permit | 1 | LS | $ 3,500.00 | $ 3,500.00 | | | | |
| 38 | | | | Labor | $ 4,182.00 | | | | |
| 39 | | | | Burden 42% | $ 1,756.44 | | | | |
| 40 | | | | Equipment | $ 3,000.00 | $ 8,938.44 | | | |

Section 01 11 00 - SUMMARY OF WORK
PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

2. V-S00045 Terminal C Trash Room Platforms

can be summarized for purposes of administration and payment in the manner of project segments as follows:

Provide two (2) dumpster platforms, electrical supply and misc. construction in the Terminal C Loading Dock to allow for horizontal loading and unloading of the dumpsters at the level 1 loading dock.

1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.
b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.
2) Form #018a System Interruption/Utility Outage Notification Procedured.
3) Form #018b Roofing Impact Notification
4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

   a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.

   a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
   b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

      1) Schedule and coordinate all deliveries and removal of debris with the OAR.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

   a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. Working hours are to be coordinated with the OAR with Operations. It is anticipated that approximately 100% of the work can be completed during normal Operational hours.

1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner’s safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner’s insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

SECTION 01 21 00 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of the Contract, including other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes administrative and procedural requirements governing allowances.

B. All applicable allowances are listed on the Bid Form.

1.3 SCOPE, SELECTION AND PRICING

A. For each Work item covered by an allowance, including concealed conditions, the Contractor shall submit a Request for Change Order (RCO) at the earliest practical date after award of the Contract or upon discovery of the condition. The RCO shall include the scope of work, the schedule and the amount of allowance to be used for the Work item. The OAR will process a Contract Modification for the Work item in accordance with the terms of the Contract. Note that the General Conditions outline the various types of Contract Modifications as well as various methods of payment, including Force Account provisions.

B. At the OAR’s request, submit proposals for each applicable allowance item for use in making final selections. Include recommendations that are relevant to performing the Work.

C. Purchase products and systems selected by the OAR. Do not begin Work on an item covered by an allowance until a Contract Modification has been authorized by the Owner.

1.4 SUBMITTALS

A. General: Submit proposals for the work included in allowances, in the form specified for Change Orders.

1. Submit invoices or delivery slips to show the actual quantities of materials delivered to the site for use in fulfillment of each allowance.

1.5 ALLOWANCES

A. Use the allowance only as directed by the OAR or Owner for the Owner's purposes. The inclusion of Allowances in the Contract is not a guarantee that payment will be made for any amount of the allowance unless the Owner has determined there has been full compliance with the Contract Documents for each Allowance.

B. Allowances shall only include the Contractor's direct costs and mark-up in accordance with the Changes in the Work Article of the General Conditions.

1.6 UNUSED ALLOWANCES

A. At Project close-out, credit all unused Allowance monies to the Owner by Change Order.

PART 2 - PART 2 - PRODUCTS (Not Applicable)

PART 3 - PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine products covered by an Allowance promptly upon delivery for damage or defects. Report findings and proposed corrective action to the OAR in writing.

3.2 PREPARATION

A. Coordinate all work for each Allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

Allowance 1: Modify Trash Chutes - $10,000.00

END OF SECTION 01 21 00

# PROJECT START-UP PACKAGE FOR V-S00045-MCO

***PROJECT ASSESSMENT FORM (PAF)***

**Coding by Construction Finance :**

| | |
|---|---|
| Short Name: | |
| Template: | |
| Campus: | |
| Cost Center: | |
| Organization: | |
| Program: | |
| Subprogram: | |

**DATE:** November 29, 2023

**TO:** Kevin J. Thibault, P.E, Chief Executive Officer

**FROM:** Torie Brooks, Assistant Vice President, Construction

**SUBJECT:** **Project Start-Up**

**V-S00045-MCO TERMINAL C ENHANCEMENTS TRASH ROOM PLATFORMS Orlando International Airport**

**PROGRAM: Facilities Improvements Projects / Other FIP Projects by Engineering & Construction (FIP)**

## DESCRIPTION OF PROJECT:

**SPONSOR:** Engineering & Construction

Provide and install two trash dumpster platforms and associated power on the ground floor of the loading dock at the Landside Terminal dumpster room at the Terminal C at Orlando International Airport. Scope will include miscellaneous construction for placement of the prefabricated platforms.and will aloow for dumpsters to be loaded horizontally for overhead clearance.

## PROPOSED DELIVERY METHOD: (Proposed)

**A/E:** NONE

**Construction:** Direct Negotiated - Traditional

**OAR Design Phase:** NONE

**OAR Constr. Phase:** PSA Constructors Inc. dba PSA Management Inc.

**PROJECT PRIORITY:** High Priority

**LIFE EXPECTANCY OF PROJECT:** 15 Years

**FUNDING:**

## SCHEDULE: (See Details under "CURRENT STATUS" Below)

| | | |
|---|---|---|
| Advertise: | | |
| Pre-Bid Conference: | | |
| Bid Opening: | | |
| Ant. Notice to Proceed: | 12/12/2023 | |
| Ant. Subst. Completion: | 04/09/2024 | **120 Calendar Days** |
| Ant. Final Completion: | 05/09/2024 | **30 Calendar Days** |

## CONTROL BUDGET:

| Task | $ Amount | BY CONSTRUCTION FINANCE: $ FUNDED | $ UNFUNDED | Comments |
|---|---|---|---|---|
| A/E Consultant Fees - Design Phase (Base) | $0.00 | | | |
| A/E Consultant Fees - Construction Phase (Base) | $0.00 | | | |
| Construction | $105,935.64 | | | |
| OAR Fees - Design Phase | $0.00 | | | |
| OAR Fees - Construction Phase | $11,302.00 | | | |
| Miscellaneous | $0.00 | | | |
| Contingency | $2,762.36 | | | |
| **TOTAL** | **$120,000.00** | | | |

**Comments by Construction Finance**

| | | | | |
|---|---|---|---|---|
| FAA/AIP | | | | |
| FDOT | | | | |
| PFCs | | | | |
| Authority Funds | | | | |
| Other Funds | | | | |
| **TOTAL** | | | | |

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

# PROJECT START-UP PACKAGE FOR V-S00045-MCO

## CURRENT STATUS:

FUNDING: Aviation Authority Funds.

STATUS: Anticipate direct negotiations with continuing vertical contractor.

TENTATIVE SCHEDULE:
12/05/23 Receive Approve to Award from CC
12/11/23 Complete Contract Execution
12/12/23 Issue Construction NTP (effective date)
04/09/24 Substantial Completion (120 cal. days from NTP)
05/09/24 Final Completion (30 cal. days from Subst.)

## DRB (DISPUTE REVIEW BOARD):

DRB requirement IS NOT anticipated.

## SYSTEMS / AREAS AFFECTED:

NONE

## ANTICIPATED PERMITS:

**PERMITS**

| Agency : | Type Of Permit: | Permit No: | Issued: | Expires: | Final: | Comments: | Address: |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

# PROJECT START-UP PACKAGE FOR V-S00045-MCO

**REVIEWED BY:**

Date: _____

,

SPONSORING DEPARTMENT (Per Policy 430.04)

Date: _____

Torie Brooks,Assistant Vice President, Construction (Project Manager)

Date: _____

,

Date: _____

,

ENGINEERING & CONSTRUCTION SENIOR STAFF:

Date: _____

Date: _____

Scott Shedek, Vice President, Construction

Date: _____

Max E. Marble, Senior Vice President, Capital Programs

FOR CONSTRUCTION FINANCE USE ONLY:

Date: _____

Kathleen M. Sharman, Executive Vice President, Chief Financial Officer

Date: _____

Kevin J. Thibault, P.E, Chief Executive Officer

*If signing as a Temporary Designee, attach a copy of authorization memo (or e-mail)*

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
(Prepared by Colin Paterson)

**Date:** **December 5, 2023**

**Re:** **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-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishment, Orlando International Airport**

---

The scope of this project is to provide all labor, equipment, and materials to refurbish restrooms 2635 and 2611 at the Airside 3 Wing 3 ramp level to include plumbing fixtures, electrical for hand dryers, LED lights, painting, floor and wall tile, ceiling tile and bathroom accessories. The duration of the project is 69 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of December 18, 2023. Liquidated damages are defined as $0.00 per calendar day for late Substantial Completion and $0.00 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

| | | |
|---|---|---|
| ☒ Experience | ☒ Available Personnel | ☐ Current Workload |
| ☒ Expertise | ☐ Equitable Distribution | ☐ Other:_____ |

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Fund 310-711-210-5660003-000-501388. Funding source verified by Melvin Martinez of Construction Finance on 12 / 1 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of $105,070.00, which includes a Lump Sum amount of $105,070.00, no allowances, and waive the requirement for Performance and Payment Bonds.

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (without Allowances)

*Payment Method: Payment allowance(s) totaling the amount of $0.00 will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).*

| CONSTRUCTION AWARD | |
|---|---|
| **L/S** | **$105,070.00** |
| **ALLOWANCE (NTE)** | |
| **TOTAL** | **$105,070.00** |
| **AAC – Compliance Review Date** | 12/01/2023 |
| **AAC – Funding Eligibility Review Date** | 12/01/2023 |

# SECTION 01 11 00 - SUMMARY OF WORK

## PART 1 - GENERAL

### 1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

### 1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

   V-01015, AIRSIDE 3 WING 3 RAMP LEVEL RESTROOM REFURBISHMENT
   Orlando International Airport
   Orlando, Florida

   can be summarized for purposes of administration and payment in the manner of project segments as follows:

2. The Project consists of refurbishing restrooms 2635 and 2611 at Airside 3 Wing 3 to include Retile wall and floor; paint any exposed walls not covered by tile; Remove and replace lighting with LED lights and Motion Sensors; Remove paper towel dispensers and replace with electric Hand Dryers; Replace Stall Walls as needed; Replace Toilets; Replace Mirrors; Replace Sinks; Replace Faucets; Replace Toilet Paper Holders; Replace Trash bins for each stall; Replace Trash bin at sink; Repair and paint doors in/out of restrooms on the ramp level.
   a. Furnish and install all temporary partitians.
   b. Furnish and install all metal framing and drywall required for a complete installation.
   c. Remove approx 76 LF of GWB furring and tile from walls.
   d. Remove approx 160 SF of floor tile.
   e. Furnish and install tile and flooring to include base.
   f. Furnish and install painting of ceilings and doors.
   g. Furnish and install all toilet accessories and fixtures including the following:
      1) 2 each 0362 Stainless Steel Automatic Liquid Soap Dispenser, Surface Mounted
      2) 2 each 20030 Twin Toilet Tissue Dispenser, Surface Mounted
      3) 2 each 20477-SM Seat Cover Dispenser, Surface Mounted
      4) 2 each 3801 42” Straight Grab Bar
      5) 2 each 3801 36” Straight Grab Bar
      6) 2 each 0600 24” x 36” Mirror
      7) 2 each HU02 Airblade V Hand Dryer
   h. Remove and replace all fixtures, reconnect to existing sanitary and water stubs in existing fixture locations including the following fixtures:
      1) 2ea Water closets (wall hung with auto valves)
      2) 2ea LAV-1 (wall hung with auto valves)
   i. Provide all electrical work including the following:
      1) Womens Room:
         a) Provide and install (1) fixtures utilizing the existing electrical feed.

b) Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
c) Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 1O0ft to the panel.
d) Provide and install a wall mounted occupancy switch sensor.
e) Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sink.
f) Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

2) Mens Room:
a) Provide and install (1) fixtures utilizing the existing electrical feed.
b) Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
c) Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 1O0ft to the panel.
d) Provide and install a wall mounted occupancy switch sensor.
e) Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sinks.
f) Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

j. Furnish and install all doors and frames as required.

## 1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.
b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.
2) Form #018a System Interruption/Utility Outage Notification Procedured.
3) Form #018b Roofing Impact Notification
4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.
b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.

4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

    a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.

    a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
    b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

        1) Schedule and coordinate all deliveries and removal of debris as directed by the OAR.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

    a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

## 1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

    1. All work may be carried out without time restrictions, unless otherwise directed by the Owner.

## 1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner’s safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner’s insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

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## OAR Independent Estimate

11/13/2023

V01015 AS3 Wing 3 Ramp Level Restroom Refurbish

| V-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishment | | | | | |
|---|---|---|---|---|---|
| **Scope of Work** | **Unit of Measure** | **Qty** | **Unit Cost** | **Total Amount** | **Total Amount** |
| **Mobilization** | | | | | |
| Mobilization | LS | 1 | $ 3,000.00 | $ 3,000.00 | |
| Demobilization | LS | 1 | $ 3,000.00 | $ 3,000.00 | |
| | | | **Total Mobilization** | **$ 6,000.00** | |
| **Labor** | | | | | |
| Superintendent | HR | 312 | $ 75.00 | $ 23,400.00 | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | **Total Labor** | **$ 23,400.00** | |
| **Subcontractors** | | | | | |
| Demolition | LS | 1 | $4,000.00 | $ 4,000.00 | |
| Millwork | LS | 1 | | $ - | |
| Waterproofing | LS | 1 | $700.00 | $ 700.00 | |
| Doors & Windows | LS | 1 | $5,000.00 | $ 5,000.00 | |
| Framing/Drywall | LS | 1 | $10,000.00 | $ 10,000.00 | |
| Tile | LS | 1 | $10,000.00 | $ 10,000.00 | |
| Accessories | LS | 1 | $7,000.00 | $ 7,000.00 | |
| Paint | LS | 1 | $2,500.00 | $ 2,500.00 | |
| Plumbing | LS | 1 | $14,000.00 | $ 14,000.00 | |
| Electrical | LS | 1 | $10,000.00 | $ 10,000.00 | |
| | | | | $ - | |
| | | | **Total Equipment** | **$ 63,200.00** | |
| **Materials** | | | | | |
| Partitians (plywood & hardware) | LS | 1 | $3,500.00 | $ 3,500.00 | |
| | | | | | |
| | | | | | |
| | | | **Total Materials with Tax** | **$ 3,500.00** | |
| **Subcontracts** | | | | | |
| Subcontractor markup | | | 10% | $ 6,320.00 | |
| Prime Contractor markup | | | 10% | $ 3,922.00 | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | | |
| | | | **Total Markup** | **$ 10,242.00** | |
| **Total (Rounded to Nearest whole Dollar )** | | | | | **$ 106,342.00** |

H W DAVIS CONSTRUCTION, INC.
CGC 056985

1212 29th Street | Orlando, FL 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

# BID FORM

Date: November 13, 2023

Project V-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishment
GOAA - AS3 - Wing 3

I/We, the undersigned, hereby affirm that I/We have examined the site of the Project, have become fully informed relative to local conditions which may affect work, that I/We have examined all of this Project's Contract Documents and have a thorough and satisfactory concept of the work to be performed.

We propose to furnish all equipment, materials, labor and services required for construction of this Project in accordance with the Project's Contract Documents, and will complete the work within a 5 week schedule duration.

We acknowledge Addenda #: none

Dated:

BID: $105,070
(Write in Figures)

( One Hundred Five Thousand Seventy Dollars and No Cents )
(Write in Words)

Alternates: None

H.W. Davis Construction, Inc.
A Florida Corporation

Jeffrey J. Rife
President

In submitting this Bid, the Bidder understands that the right is reserved by the Owner to reject any and all Bids. If written notice of the acceptance of this Bid is emailed, telegraphed or delivered to the Undersigned within twenty (20) days after the opening of thereof, the Undersigned agrees to execute and deliver an Agreement in the prescribed form within ten (I0) days after the Agreement is presented to him for signature.

Please see the attached bid breakdown which will become an attachment to the final contract.

H W DAVIS CONSTRUCTION, INC.
CGC 010775

1212 29th Street * Orlando, Fl 32805
(407) 849-1212 * Fax (407) 839-4068
website - hwdavis.com

# Bid Breakdown

**Project:**

V-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishment Bid Date: November 13, 2023

GOAA - AS3 - Wing 3

| Division Number and Description | | Cost |
|---|---|---|
| 1 | General Conditions | $39,075 |
| 2 | Demolition/Cleanup | $4,715 |
| 3 | Concrete | $0 |
| 4 | Masonry | $0 |
| 5 | Metals | $0 |
| 6 | Wood and Plastics | $0 |
| 7 | Sealants | $114 |
| 8 | Doors and Windows | $5,750 |
| 9 | Finishes | $25,694 |
| 10 | Specialties | $5,802 |
| 11 | Equipment | $0 |
| 12 | Furnishings | $0 |
| 13 | Special Construction | $0 |
| 14 | Conveying Systems | $0 |
| 15 | Plumbing | $14,950 |
| 16 | Electrical | $8,970 |
| | Total | $105,070 |

Scope:

Bid is based on drawing package provided by owner.
No permit costs are included.
Total duration figured at 5 weeks. Weekdays 1st shift.

**H W DAVIS CONSTRUCTION, INC.**
CGC 010775

1212 29th Street | Orlando, Fl 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

# GENERAL ESTIMATE

**Project:**

## Restroom Refurb
## GOAA - AS3 - Wing 3

| | | | | |
|---|---|---|---|---|
| Add On: | Material Tax | 6.50% | Bid Date: | **11/13/23** |
| | Labor Burden | 41.00% | Today's Date: | 12/01/23 |
| | Overhead and Profit | 15.00% | Time: | 12:45 PM |
| | Bond | 0.00% | Square Footage | **600** |

| Div. | Description | Material | Labor | Sub-Contractor | Sub Total | Total with T & B | Total with T-B-OH&P-B | Division Total | Cost Per SF |
|---|---|---|---|---|---|---|---|---|---|
| 1 | General Conditions | 4,088 | 20,833 | 250 | 25,171 | 33,978 | 39,075 | | 65.12 |
| | Barricades | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 39,075 | |
| 2 | Demolition | | | 4,100 | 4,100 | 4,100 | 4,715 | | 7.86 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 4,715 | |
| 3 | Concrete - Allowance | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 4 | Masonry: CMU | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 5 | Miscellaneous Metals | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 6 | Millwork | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 7 | Sealants | 93 | | 0 | 93 | 99 | 114 | | 0.19 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 114 | |
| 8 | Frames & Doors* | 3,371 | 1,000 | 0 | 4,371 | 5,000 | 5,750 | | 9.58 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 5,750 | |
| 9 | Metal Framing* | 1,023 | 1,000 | | 2,023 | 2,499 | 2,874 | | 4.79 |
| | Drywall/Durock* | 1,883 | 4,000 | | 5,883 | 7,645 | 8,792 | | 14.65 |
| | Tile | | | 10,128 | 10,128 | 10,128 | 11,647 | | 19.41 |
| | Painting | | | 2,070 | 2,070 | 2,070 | 2,381 | | 3.97 |
| | ---------- | | | | | | | 25,694 | |
| 10 | Toilet Partition | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Toilet / Bath Accessories | | | 5,045 | 5,045 | 5,045 | 5,802 | | 9.67 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 5,802 | |
| 11 | O.F.C.I. | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 12 | Window Treatment | | | 0 | 0 | 0 | 0 | | 0.00 |

**H W DAVIS CONSTRUCTION, INC.**
CGC 010775

1212 29th Street | Orlando, Fl 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

# GENERAL ESTIMATE

**Project:**

## Restroom Refurb
## GOAA - AS3 - Wing 3

| | | | | |
|---|---|---|---|---|
| Add On: | Material Tax | 6.50% | Bid Date: | **11/13/23** |
| | Labor Burden | 41.00% | Today's Date: | 12/01/23 |
| | Overhead and Profit | 15.00% | Time: | 12:45 PM |
| | Bond | 0.00% | Square Footage | **600** |

| Div. | Description | Material | Labor | Sub-Contractor | Sub Total | Total with T & B | Total with T-B-OH&P-B | Division Total | Cost Per SF |
|---|---|---|---|---|---|---|---|---|---|
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 13 | Metal Building | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 14 | Elevator | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 15 | H.V.A.C. | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Plumbing | | | 13,000 | 13,000 | 13,000 | 14,950 | | 24.92 |
| | Fire Sprinkler | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 14,950 | |
| 16 | Electrical | | | 7,800 | 7,800 | 7,800 | 8,970 | | 14.95 |
| | Fire Alarm | | | | 0 | 0 | 0 | | 0.00 |
| | | | | | | | | 8,970 | 14.95 |
| | Subtotal | 10,458 | 26,833 | 42,393 | 79,684 | 91,365 | 105,070 | 105,070 | 175.12 |
| | Tax - Labor Burden | 680 | 11,002 | 0 | 11,681 | | | | 19.47 |
| | Costs | 11,137 | 37,835 | 42,393 | 91,365 | | | | 152.28 |
| | Overhead & Profit | | | | 13,705 | | | | 22.84 |
| | Subtotal | | | | 105,070 | | | | 175.12 |
| | Bond | | | | 0 | | | | 0.00 |
| | BID WITHOUT BUILDERS RISK | | | | 105,070 | | | | 175.12 |
| | Buiders Risk (this is added to Div 1 on the bid breakdown) | | | | 0 | | | | 0.00 |
| | Total Bid | | | | 105,070 | | | | 175.12 |

*Note that the hourly labor rate of $100/hr is being used for the listed work tasks.
Crew rate is based on 3Carpenters, 1 skilled laborer, 1 laborer.

| Position | Base Rate |
|---|---|
| Carpenter | $24.35 |
| Carpenter | $24.35 |
| Carpenter | $24.30 |
| Laborer | $12.00 |
| Skilled Laborer | $15.00 |
| **Crew Total** | **$100.00** |

# Professional Demolition Proposal

| | |
|---|---|
| **General Contractor:** | H W Davis Construction, Inc. |
| **Contractor Contact:** | Jeff Rife |
| **Project Name:** | GOAA Employee Restrooms/Stairwells/Corridors at OIA |
| **Project Location:** | Orlando International Airport, Orlando, FL |
| **Bid Number:** | **23-1411** |
| **Bid Date:** | *10/6/23* |
| **Bid Prepared By:** | Todd Delay 407.509.5871 \| tcdelay.creative@gmail.com |

Jeff,

Please note the following pertaining to the "GOAA Employee Restrooms/Stairwells/Corridors at OIA" demolition project. Please review and call me with any questions that you might have. I look forward to hearing from you soon. Creative Environmental values the invitation to bid.

## Demolition Scope:

**Mobilization of Creative Environmental Services, Inc. (CES) equipment, materials and employees. Quantity: one (1).** If any additional mobilizations including equipment are required there will be an additional cost of 1,000.00 per occurrence. If only personnel mobilization is required there will be an additional cost of $500.00 per occurrence.

**AIR SIDE 3 WING 3**
**Restrooms #2635 & 2611**

1. **Remove approx. 76 LF of GWB furring and tile from walls.**
2. **Remove approx. 160 SF of floor tile.**
3. **Remove (4) plumbing fixtures and accessories.**

**TOTAL COST: FOUR THOUSAND ONE HUNDRED DOLLARS** **$4,100.00**

**AIR SIDE 3 WING 2**
**Restrooms #4524 & 4521**

1. **Remove approx. 116 LF of GWB furring and tile from walls.**
2. **Remove approx. 255 SF of floor tile.**
3. **Remove (10) plumbing fixtures and accessories.**
4. **Remove approx. 35 LF of toilet partitions.**

**TOTAL COST: SIX THOUSAND FOUR HUNDRED DOLLARS** **$6,400.00**

**AIRSIDE 1 WING 4**
**Restrooms #2588 & 2585**

1. **Remove approx. 160 LF of GWB furring and tile from walls.**
2. **Remove approx. 480 SF of floor tile.**
3. **Remove (9) plumbing fixtures and accessories.**
4. **Remove approx. 30 LF of toilet partitions.**
5. **Remove approx. 16 LF of millwork.**

**TOTAL COST: EIGHT THOUSAND SIX HUNDRED DOLLARS** **$8,600.00**

Creative Environmental Services, Inc
PO Box 541509 Orlando, FL 32804
Office: 888.351.3755
Fax: 407.210.0538

# Designers West

# PROPOSAL

5609 South Orange Ave
Orlando, Florida 32809
Phone: (407)601-3433

Proposal Number

**SUBMITTED TO:**

**PROJECT:**

Orlando International Airport
Airside 3 - Ramp Level
Wing 3

**Date:** 10/6/23

**Attn:**

PROPOSAL VALID FOR 30 DAYS FROM THIS DATE

**Phone:** **Fax:** **Addenda:**

Furnish and Install per plans and Specs: Date of Plans:

| Code | Product | QTY | Unit | Sell | Total |
|---|---|---|---|---|---|
| PFT-1 | Trinity Aragonite_Amber_matte 12 x 12 | 190 | SF | 12.67 | 2,408.00 |
| PFTB-1 | Specialty Color Story Wall_Sq Top cove base | 69 | LF | 15.61 | 1,078.00 |
| PWT-1 | Specialty Color Story Wall_0036 Calm 6 x 6 | 550 | SF | 12.02 | 6,611.00 |
| TRANS-1 | Schluter Schiene_aluminum | 8 | LF | 3.79 | 31.00 |

**Contract Total:** **$10,128.00**

**Ten Thousand One Hundred Twenty Eight Dollars and No Cents**

**Proposal inclusions and exclusions**

* Proposal includes sales tax, job stocking, 1 hour of floor preparation, regular business hours installation and our 1 year installation warranty.
* Proposal excludes night and weekend work, moving furniture and fixtures, demolition, vacuuming, washing/waxing, moisture tests, moisture protection, heating/lighting and protective coverings.
* Additional floor preparation will be billed at $50.00 per man hour plus materials.
* Additional 3% to be added to contract if a bond is required

Payment terms:

* Customer will be responsible for any cost or fees incurred in the collection of any past due invoices, including attorney fees and that past due invoices are subject to a 1.5% per month finance charge.

**ALL QUOTES ARE SUBJECT TO CREDIT APPROVAL**

ACCEPTANCE OF PROPOSAL The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.
Payment will be made as outlined above

**ACCEPTED BY:** _____

**Date:** _____

# Proposal

SOUTHERN PAINTING & BLASTING, LLC

175 Anchor Road •Casselberry, FL 32707 • 407-822-1760 • Fax 407-822-1762

October 6, 2023

HW Davis Construction
1212 29th Street
Orlando, FL 32805

Attn: Jeff Rife

**Proposal No. *W144R1***

RE: Employee Restrooms - Wings 2, 3, 4 & 5

WORK PROPOSED AS FOLLOWS:

1. Apply two (2) coats of Promar 200 HP Zero VOC Interior Latex Flat to all ceilings.
2. Apply two (2) coats of Sherwin Williams DTM to all doors and jambs.
3. Scope includes ceilings and doors only.

| | | |
|---|---|---|
| 3 | Wing 2 | $2,080.00 |
| 3 | Wing 3 | $2,070.00 |
| 1 | Wing 4 | $1,760.00 |
| 1 | Wing 5 | $2,430.00 |
| | Total | $8,340.00 |

NOTES:

1. Southern Painting & Blasting will perform all work on site.
2. All materials will be stored and applied in accordance with the manufacturer's recommendations.
3. Southern Painting & Blasting is responsible for properly rigging and safety procedures in accordance with OSHA and common industry safety practices.
4. All work to be done during 1st shift.

Respectfully submitted,

Craig J. Stempkowski

**ACCEPTED**. The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Sales tax may be applicable. You will provide labor and materials and equipment- complete in accordance with above specifications, and subject to conditions found on this agreement and payment terms shall be net thirty days. This proposal may be withdrawn by Southern if not accepted within 90 days.

By: _____ Date of Acceptance: _____

**2) DDTEN Must be onsite for field dimension before drywall goes up to verify backing.**

AS3

**WING 3**

**Toilet Accessories by ASI & Dyson**

**No specifications provided**

2 each 0362 Stainless Steel Automatic Liquid Soap Dispenser, Surface Mounted
2 each 20030 Twin Toilet Tissue Dispenser, Surface Mounted
2 each 20477-SM Seat Cover Dispenser, Surface Mounted
2 each 3801 42" Straight Grab Bar
2 each 3801 36" Straight Grab Bar
2 each 0600 24" x 36" Mirror
2 each HU02 Airblade V Hand Dryer

**Materials.....$4,817.00 Tax Included** 5045 ✓
**Add for Installation.....$168.00**
**Add for Trip Charge.....$60.00**

**Note: 1) ASI Pricing good through Sept. 2024.**
**2) Electric Hand Dryers to be installed by Others with final connections made by GC's Electrician.**
**3) Verify Voltage Required for Automated Hand Dryers prior to ordering.**

AS3

**WING 2**

**Toilet Accessories by ASI & Dyson**

**No specifications provided**

4 each 0362 Stainless Steel Automatic Liquid Soap Dispenser, Surface Mounted
5 each 20030 Twin Toilet Tissue Dispenser, Surface Mounted
5 each 20477-SM Seat Cover Dispenser, Surface Mounted
3 each 0473-A Sanitary Napkin Disposal, Surface Mounted
7 each 7312 Double Robe Hook
2 each 1204 48"L Shower Curtain Rod w/ Flanges
2 each 1200-V 60"W x 72"H White Shower Curtain
4 each 3801 42" Straight Grab Bar
20 each 1200-SHU Shower Curtain Hook
4 each 0600 24" x 36" Mirror
2 each HU02 Airblade V Hand Dryer

**Materials.....$7,311.00 Tax Included** 7779
**Add for Installation.....$408.00**
**Add for Trip Charge.....$60.00**
**Prepayment Required.....$5,718.00**

**Note: 1) ASI Pricing good through Sept. 2024.**
**2) Electric Hand Dryers to be installed by Others with final connections made by GC's Electrician.**
**3) Verify Voltage Required for Automated Hand Dryers prior to ordering.**

# MID STATE PLUMBING INC

**Quote/Proposal** **DATE 9/15/23**

**PROJECT:** **OIA Airside 3 Wing 3** **BUDGET**

Description of work to be performed:

Remove and replace all fixtures in existing restrooms. Reconnect to existing sanitary and water stubs in existing fixture locations. Supply and install fixtures as listed below.

2) Water closets (wall hung with auto valves)

2) LAV-1 (wall hung with auto valves)

0) LAV-2 (Drop in with auto valves)

0) Urinal (Auto valve)

NOTES:

All work is to be done during normal hours and no after-hours work is included in price.

Cast-Iron for all drain and vent lines COPPER for all the water piping.

All hot water piping is to be insulated with 1" foam insulation.

THIS IS A BUDGET NUMBER ONLY AND SUBJECT TO CHANGE PENDING APPROVED DRAWINGS AND FIXTURES.

NO WORK IS INCLUDED ON IN WALL SANITARY, WATER, OR CARRIER SYSTEMS.

ADDITIONAL COST MAY APPLY PENDING INSURANCE REQUIREMENTS AND BADGING.

EXCLUSIONS FROM PROPOSAL:

- No drywall or concrete patch repair or replacement
- No service or repair work on existing fixtures or drain lines.
- No concrete cutting or core drilling.
- No X-Ray or scanning of concrete.

Total for material and labor provided $13,000.00

This proposal will be kept in good faith for 30 days from the date listed above.

Any alterations from original bid documents or plans provided at time of proposal are subject to additional charges.

I have read and accept this proposal and its conditions.

Signature X._____

Fire Alarm
Low Voltage
Egress Lighting

***Proposal Amount:***
***Airside 1 Wing 4: $7,500.00***
***Airside 1 Wing 5: $15,500.00***
***Airside 3 Wing 3: $7,800.00*** ✓
***Airside 3 Wing 2: $4,800.00***

If you have any questions, please feel free to contact me.

Thank you,

Bumgarner Electric
Travis Bumgarner

- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Men:

- Provide and install (3) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor to reconnect new hand dryer to the existing circuit. We have accounted for one new hand dryer.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 2 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Airside 3 Wing 3

Women:

- Provide and install (1) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 100ft to the panel.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Men:

- Provide and install (1) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 100ft to the panel.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Airside 3 Wing 2

Women:

- Provide and install (2) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor to reconnect new hand dryer to the existing circuit. We have accounted for one new hand dryer.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 2 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Men:

- Provide labor to remove the fixture in the shower.
- Provide labor and materials to install new recessed fixture in shower.

General Conditions:
Permitting fees are included.
Working hours are Monday-Friday 7am-3:30pm
We have carried a cost of $125.00 per each for the fixtures.
All Occupancy Sensors are to be wall mounted switch type.
We will need drywall removed to install power and install new lights.

Exclusions:
Drywall removal/replacement/repair
Any work not described as above
Overtime/night shift
Engineering
Signed/sealed drawings

# PROJECT START-UP PACKAGE FOR V-01015-MCO

***PROJECT ASSESSMENT FORM (PAF)***

**Coding by Construction Finance :**

| | |
|---|---|
| Short Name: | |
| Template: | |
| Campus: | |
| Cost Center: | |
| Organization: | |
| Program: | |
| Subprogram: | |

**DATE:** November 29, 2023

**TO:** Kevin J. Thibault, P.E, Chief Executive Officer

**FROM:** Scott Shedek, Vice President, Construction

**SUBJECT:** **Project Start-Up**

**V-01015-MCO AIRSIDE 3 WING 3 RAMP LEVEL RESTROOM REFURBISHMENT**
**Orlando International Airport**

**PROGRAM: Facilities Improvements Projects / Other FIP Projects by Maintenance (FIP)**

## DESCRIPTION OF PROJECT:

**SPONSOR:** Facilities

Refurbish Restroom Nos. 2635 and 2611 at Airside 3 Wing 3 at the Orlando International Airport. Scope will include retile wall and floor; paint any exposed walls not covered by tile; remove and replace lighting with LED lights and motion sensors; remove paper towel dispensers and replace with electric hand dryers; replace stall walls as needed; replace toilets; replace mirrors; replace sinks; replace faucets; replace toilet paper holders; replace trash bins for each stall; replace trash bin at sink; and, repair and paint doors in/out of restrooms.

## PROPOSED DELIVERY METHOD:

(Proposed)

**A/E:** NONE

**Construction:** Direct Negotiated - Traditional

**OAR Design Phase:** NONE

**OAR Constr. Phase:** The Roderick Group, Inc. dba Ardmore Roderick

**PROJECT PRIORITY:** Low Priority

## SCHEDULE:

(See Details under "CURRENT STATUS" Below)

| | | |
|---|---|---|
| Advertise: | | |
| Pre-Bid Conference: | | |
| Bid Opening: | | |
| Ant. Notice to Proceed: | 12/18/2023 | |
| Ant. Subst. Completion: | 02/24/2024 | **69 Calendar Days** |
| Ant. Final Completion: | 03/25/2024 | **30 Calendar Days** |

**LIFE EXPECTANCY OF PROJECT:** 20 Years

**FUNDING:** Cap. Ex. (Capital Expenditure Fund)

## CONTROL BUDGET:

| | | BY CONSTRUCTION FINANCE: | | |
|---|---|---|---|---|
| **Task** | **$ Amount** | **$ FUNDED** | **$ UNFUNDED** | **Comments** |
| A/E Consultant Fees - Design Phase (Base) | $0.00 | | | |
| A/E Consultant Fees - Construction Phase (Base) | $0.00 | | | |
| Construction | $105,070.00 | | | |
| OAR Fees - Design Phase | $0.00 | | | |
| OAR Fees - Construction Phase | $10,500.00 | | | |
| Miscellaneous | $0.00 | | | |
| Contingency | $25,000.00 | | | |
| **TOTAL** | **$140,570.00** | | | |

**Comments by Construction Finance**

| | | | | |
|---|---|---|---|---|
| FAA/AIP | | | | |
| FDOT | | | | |
| PFCs | | | | |
| Authority Funds | | | | |
| Other Funds | | | | |
| **TOTAL** | | | | |

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

# PROJECT START-UP PACKAGE FOR V-01015-MCO

**CURRENT STATUS:**

FUNDING: CapEx (310.711.210.5660003.000.501388)

STATUS: Anticipate direct negotiations with continuing vertical contractor.

TENTATIVE SCHEDULE:
12/05/23 Receive Approval to Award from CC
12/18/23 Complete Contract Execution
12/18/23 Issue Construction NTP (effective date)
02/24/24 Substantial Completion (69 cal. days from NTP)
03/25/24 Final Completion (30 cal. days from Subst.)

**DRB (DISPUTE REVIEW BOARD):**

DRB requirement IS NOT anticipated.

**SYSTEMS / AREAS AFFECTED:**

NONE

**ANTICIPATED PERMITS:**

**PERMITS**

| Agency : | Type Of Permit: | Permit No: | Issued: | Expires: | Final: | Comments: | Address: |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

# PROJECT START-UP PACKAGE FOR V-01015-MCO

**REVIEWED BY:**

Date: _____

Scott Shedek,Vice President, Construction

SPONSORING DEPARTMENT (Per Policy 430.04)

Date: _____

Scott Shedek,Vice President, Construction (Project Manager)

Date: _____

Scott Shedek,Vice President, Construction

Date: _____

,

ENGINEERING & CONSTRUCTION SENIOR STAFF:

Date: _____

Date: _____

Scott Shedek, Vice President, Construction

Date: _____

Max E. Marble, Senior Vice President, Capital Programs

FOR CONSTRUCTION FINANCE USE ONLY:

Date: _____

Kathleen M. Sharman, Executive Vice President, Chief Financial Officer

Date: _____

Kevin J. Thibault, P.E, Chief Executive Officer

*If signing as a Temporary Designee, attach a copy of authorization memo (or e-mail)*

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
(Prepared by Colin Paterson)

**Date:** **December 5, 2023**

**Re:** **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-XXX Airside3 Wing 3 Ramp Level Restroom Refurbishments, Orlando International Airport**

---

The scope of this project is to provide all labor, equipment, and materials to refurbish restrooms 2635 and 2611 at the Airside 3 Wing 3 ramp level to include plumbing fixtures, electrical for hand dryers, LED lights, painting, floor and wall tile, ceiling tile and bathroom accessories. The duration of the project is 69 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of December 18, 2023. Liquidated damages are defined as $0.00 per calendar day for late Substantial Completion and $0.00 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (☑ all that apply):

☒ Experience ☒ Available Personnel ☐ Current Workload

☒ Expertise ☐ Equitable Distribution ☐ Other:_____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Fund 310-711-210-5660003-000-501388. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of $105,070.00, which includes a Lump Sum amount of $105,070.00, no allowances, and waive the requirement for Performance and Payment Bonds.

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (with or w/o Allowances)
*Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).*

| CONSTRUCTION AWARD | |
|---|---|
| L/S | $105,070.00 |
| ALLOWANCE (NTE) | |
| TOTAL | $105,070.00 |
| AAC – Compliance Review Date | |
| AAC – Funding Eligibility Review Date | |

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

# MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** 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-XXX Airside3 Wing 3 Ramp Level Restroom Refurbishments, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that H W Davis Construction, Inc. proposes 11.6% MWBE participation on this job order construction services addendum.

Our analysis indicates that H W Davis Construction, Inc. is eligible for award of the subject job order construction services addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

**MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS**
**PLEASE COMPLETE THIS FORM**

This form should be used to report Construction and Engineering /Professional Services activities.

Name of Airport: **Orlando International Airport** Telephone No: **(407) 825-7179**

Address: **One Jeff Fuqua Boulevard, Orlando, FL 32827**

Project Name & Number: **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-XXX Airside3 Wing 3 Ramp Level Restroom Refurbishments, Orlando International Airport**

**1. Construction Information:**

**TOTAL:** **$105,070.00**

**2. MWBE Goal by Group Representation:**

| | | | |
|---|---|---|---|
| Asian Pacific American | - | Actual Result | 0.0% |
| Asian Subcontinent American | - | Actual Result | 0.0% |
| Black American | - | Actual Result | 0.0% |
| Caucasian Female American | 12,198.00 | Actual Result | 11.6% |
| Hispanic American | - | Actual Result | 0.0% |
| Native American | - | Actual Result | 0.0% |
| Other | | Actual Result | 0.0% |
| **Total MWBE Participation** | **12,198.00** | **Actual Result** | **11.6%** |

**3.a. Prime Contractor Information:**

Name: **H W Davis Construction, Inc.**
Address: **1212 29th Street**
City, State, Zip: **Orlando, FL**
Telephone: **(407) 921-0480**

**3.b. Name and Address of MWBE Subcontractor**

Name: **Please see attached**
Address:
City, State, Zip:
Telephone:

**3.c. *Identity:**
**Work Item(s):**
**Amount of Subcontract**
**Percent of Prime Contract (%):**

**4. Engineering/Professional Services Information:**

**TOTAL:**

**5. MWBE Goal by Group Representation:**

| | | | |
|---|---|---|---|
| Asian Pacific American | | Actual Result | |
| Asian Subcontinent American | | Actual Result | |
| Black American | | Actual Result | |
| Caucasian Female American | | Actual Result | |
| Hispanic American | | Actual Result | |
| Native American | | Actual Result | |
| Other | | Actual Result | |
| **Total MWBE Participation** | **-** | **Actual Result** | |

**6.b. Engineering / Professional Service Firm Information:**

Name:
Address:
City, State, Zip:
Telephone:

**6.b. Name and Address of MWBE Subconsultant**

Name:
Address:
City, State, Zip:
Telephone:

**6.c. *Identity:**
**Work Item(s):**
**Amount of Subcontract**
**Percent of Prime Contract (%):**

*** In Items 3.c. and 6.c. above specify the identity of MWBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)**

**MWBE Subcontractor/Subconsultant Certification**

| | |
|---|---|
| **Project Name & Number:** | **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-XXX Airside3 Wing 3 Ramp Level Restroom Refurbishments, Orlando International Airport** |

**Prime Firm:** **H W Davis Construction, Inc.**

**TOTAL:** **$105,070.00**

| | | |
|---|---|---|
| **Company Name** | **Designers West Interiors, Inc.** | **Southern Painting & Blasting, LLC** |
| **Address** | 5609 South Orange Ave. | 175 Anchor Rd |
| **City, State, Zip** | Orlando, FL 32809 | Casselberry , FL 32707 |
| **Phone** | 407-601-3433 | (407) 822-1760 |
| **Identity** | Caucasian Female American | Caucasian Female American |
| **Work Item** | Tile & Flooring | Painting |
| **Amount of Subcontract** | $10,128.00 | 2,070.00 |
| **Percentage** | 9.6% | 2.0% |
| | | |
| **Company Name** | | |
| **Address** | | |
| **City, State, Zip** | | |
| **Phone** | | |
| **Identity** | | |
| **Work Item** | | |
| **Amount of Subcontract** | | |
| **Percentage** | | |
| | | |
| **Company Name** | | |
| **Address** | | |
| **City, State, Zip** | | |
| **Phone** | | |
| **Identity** | | |
| **Work Item** | | |
| **Amount of Subcontract** | | |
| **Percentage** | | |
| | | |
| **Company Name** | | |
| **Address** | | |
| **City, State, Zip** | | |
| **Phone** | | |
| **Identity** | | |
| **Work Item** | | |
| **Amount of Subcontract** | | |
| **Percentage** | | |

**$12,198.00** **11.6%**

**$105,070.00**

# SECTION 01 11 00 - SUMMARY OF WORK

## PART 1 - GENERAL

### 1.1 RELATED DOCUMENTS

A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

### 1.2 PROJECT DESCRIPTION

A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

   V-XXX, AS3 W3 RAMP LEVEL RESTROOM REFURBISH
   Orlando International Airport
   Orlando, Florida

   can be summarized for purposes of administration and payment in the manner of project segments as follows:

2. The Project consists of refurbishing restrooms 2635 and 2611 at Airside 3 Wing 3 to include Retile wall and floor; paint any exposed walls not covered by tile; Remove and replace lighting with LED lights and Motion Sensors; Remove paper towel dispensers and replace with electric Hand Dryers; Replace Stall Walls as needed; Replace Toilets; Replace Mirrors; Replace Sinks; Replace Faucets; Replace Toilet Paper Holders; Replace Trash bins for each stall; Replace Trash bin at sink; Repair and paint doors in/out of restrooms on the ramp level.
   a. Furnish and install all temporary partitians.
   b. Furnish and install all metal framing and drywall required for a complete installation.
   c. Remove approx 76 LF of GWB furring and tile from walls.
   d. Remove approx 160 SF of floor tile.
   e. Furnish and install tile and flooring to include base.
   f. Furnish and install painting of ceilings and doors.
   g. Furnish and install all toilet accessories and fixtures including the following:
      1) 2 each 0362 Stainless Steel Automatic Liquid Soap Dispenser, Surface Mounted
      2) 2 each 20030 Twin Toilet Tissue Dispenser, Surface Mounted
      3) 2 each 20477-SM Seat Cover Dispenser, Surface Mounted
      4) 2 each 3801 42” Straight Grab Bar
      5) 2 each 3801 36” Straight Grab Bar
      6) 2 each 0600 24” x 36” Mirror
      7) 2 each HU02 Airblade V Hand Dryer
   h. Remove and replace all fixtures, reconnect to existing sanitary and water stubs in existing fixture locations including the following fixtures:
      1) 2ea Water closets (wall hung with auto valves)
      2) 2ea LAV-1 (wall hung with auto valves)
   i. Provide all electrical work including the following:
      1) Womens Room:
         a) Provide and install (1) fixtures utilizing the existing electrical feed.

b) Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
c) Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 1O0ft to the panel.
d) Provide and install a wall mounted occupancy switch sensor.
e) Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sink.
f) Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

2) Mens Room:
a) Provide and install (1) fixtures utilizing the existing electrical feed.
b) Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
c) Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 1O0ft to the panel.
d) Provide and install a wall mounted occupancy switch sensor.
e) Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sinks.
f) Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

j. Furnish and install all doors and frames as required.

## 1.3 CONTRACTOR USE OF PREMISES

A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.

1. Minimize any disruption to all operating areas, including parking areas.

a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.
b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:

1) Form #018 System Interruption/Utility Outage Notification.
2) Form #018a System Interruption/Utility Outage Notification Procedured.
3) Form #018b Roofing Impact Notification
4) Form #018c Security System Interruption/Outage Request

2. Provide all temporary directional signage, safety, and barricading required for passenger services.

a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.
b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.

3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.

4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.

    a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.

    a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
    b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:

        1) Schedule and coordinate all deliveries and removal of debris as directed by the OAR.

6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

    a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost $60 per card per month, taxes not included.

B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

## 1.4 OWNER OCCUPANCY

A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. All work may be carried out without time restrictions, unless otherwise directed by the Owner.

## 1.5 LAWS, PERMITS, AND REGULATIONS

A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.

B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.

C. Abide by FAA and Owner’s safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.

D. Comply with Owner’s insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00

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## OAR Independent Estimate

11/13/2023

V-TBD AS3 Wing 3 Ramp Level Restroom Refurbish

| V-TBD AS3 Wing 3 Ramp Level Restroom Refurbish | | | | | |
|---|---|---|---|---|---|
| **Scope of Work** | **Unit of Measure** | **Qty** | **Unit Cost** | **Total Amount** | **Total Amount** |
| **Mobilization** | | | | | |
| Mobilization | LS | 1 | $ 3,000.00 | $ 3,000.00 | |
| Demobilization | LS | 1 | $ 3,000.00 | $ 3,000.00 | |
| | | | **Total Mobilization** | **$ 6,000.00** | |
| **Labor** | | | | | |
| Superintendent | HR | 312 | $ 75.00 | $ 23,400.00 | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | **Total Labor** | **$ 23,400.00** | |
| **Subcontractors** | | | | | |
| Demolition | LS | 1 | $4,000.00 | $ 4,000.00 | |
| Millwork | LS | 1 | | $ - | |
| Waterproofing | LS | 1 | $700.00 | $ 700.00 | |
| Doors & Windows | LS | 1 | $5,000.00 | $ 5,000.00 | |
| Framing/Drywall | LS | 1 | $10,000.00 | $ 10,000.00 | |
| Tile | LS | 1 | $10,000.00 | $ 10,000.00 | |
| Accessories | LS | 1 | $7,000.00 | $ 7,000.00 | |
| Paint | LS | 1 | $2,500.00 | $ 2,500.00 | |
| Plumbing | LS | 1 | $14,000.00 | $ 14,000.00 | |
| Electrical | LS | 1 | $10,000.00 | $ 10,000.00 | |
| | | | | $ - | |
| | | | **Total Equipment** | **$ 63,200.00** | |
| **Materials** | | | | | |
| Partitians (plywood & hardware) | LS | 1 | $3,500.00 | $ 3,500.00 | |
| | | | | | |
| | | | | | |
| | | | **Total Materials with Tax** | **$ 3,500.00** | |
| **Subcontracts** | | | | | |
| Subcontractor markup | | | 10% | $ 6,320.00 | |
| Prime Contractor markup | | | 10% | $ 3,922.00 | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | $ - | |
| | | | | | |
| | | | **Total Markup** | **$ 10,242.00** | |
| **Total (Rounded to Nearest whole Dollar )** | | | | | **$ 106,342.00** |

H W DAVIS CONSTRUCTION, INC.
CGC 056985

1212 29th Street | Orlando, FL 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

# BID FORM

Date: November 13, 2023

Project Restroom Refurb
GOAA - AS3 - Wing 3

I/We, the undersigned, hereby affirm that I/We have examined the site of the Project, have become fully informed relative to local conditions which may affect work, that I/We have examined all of this Project's Contract Documents and have a thorough and satisfactory concept of the work to be performed.

We propose to furnish all equipment, materials, labor and services required for construction of this Project in accordance with the Project's Contract Documents, and will complete the work within a 5 week schedule duration.

We acknowledge Addenda #: none

Dated:

BID: $105,070
(Write in Figures)

( One Hundred Five Thousand Seventy Dollars and No Cents )
(Write in Words)

Alternates: None

H.W. Davis Construction, Inc.
A Florida Corporation

Jeffrey J. Rife
President

In submitting this Bid, the Bidder understands that the right is reserved by the Owner to reject any and all Bids. If written notice of the acceptance of this Bid is emailed, telegraphed or delivered to the Undersigned within twenty (20) days after the opening of thereof, the Undersigned agrees to execute and deliver an Agreement in the prescribed form within ten (l0) days after the Agreement is presented to him for signature.

Please see the attached bid breakdown which will become an attachment to the final contract.

H W DAVIS CONSTRUCTION, INC.
CGC 010775

1212 29th Street * Orlando, Fl 32805
(407) 849-1212 * Fax (407) 839-4068
website - hwdavis.com

# Bid Breakdown

**Project:**
Restroom Refurb
GOAA - AS3 - Wing 3

Bid Date: November 13, 2023

| Division Number and Description | | Cost |
|---|---|---|
| 1 | General Conditions | $39,075 |
| 2 | Demolition/Cleanup | $4,715 |
| 3 | Concrete | $0 |
| 4 | Masonry | $0 |
| 5 | Metals | $0 |
| 6 | Wood and Plastics | $0 |
| 7 | Sealants | $114 |
| 8 | Doors and Windows | $5,750 |
| 9 | Finishes | $25,694 |
| 10 | Specialties | $5,802 |
| 11 | Equipment | $0 |
| 12 | Furnishings | $0 |
| 13 | Special Construction | $0 |
| 14 | Conveying Systems | $0 |
| 15 | Plumbing | $14,950 |
| 16 | Electrical | $8,970 |
| | Total | $105,070 |

Scope:

Bid is based on drawing package provided by owner.
No permit costs are included.
Total duration figured at 5 weeks. Weekdays 1st shift.

H W DAVIS CONSTRUCTION, INC.
CGC 010775

1212 29th Street | Orlando, Fl 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

# GENERAL ESTIMATE

**Project:**

## Restroom Refurb
## GOAA - AS3 - Wing 3

| | | | | |
|---|---|---|---|---|
| Add On: | Material Tax | 6.50% | Bid Date: | **11/13/23** |
| | Labor Burden | 41.00% | Today's Date: | 11/13/23 |
| | Overhead and Profit | 15.00% | Time: | 1:08 PM |
| | Bond | 0.00% | Square Footage | **600** |

| Div. | Description | Material | Labor | Sub-Contractor | Sub Total | Total with T & B | Total with T-B-OH&P-B | Division Total | Cost Per SF |
|---|---|---|---|---|---|---|---|---|---|
| 1 | General Conditions | 4,088 | 20,833 | 250 | 25,171 | 33,978 | 39,075 | | 65.12 |
| | Barricades | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 39,075 | |
| 2 | Demolition | | | 4,100 | 4,100 | 4,100 | 4,715 | | 7.86 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 4,715 | |
| 3 | Concrete - Allowance | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 4 | Masonry: CMU | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 5 | Miscellaneous Metals | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 6 | Millwork | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 7 | Sealants | 93 | | 0 | 93 | 99 | 114 | | 0.19 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 114 | |
| 8 | Frames & Doors | 3,371 | 1,000 | 0 | 4,371 | 5,000 | 5,750 | | 9.58 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 5,750 | |
| 9 | Metal Framing | 1,023 | 1,000 | | 2,023 | 2,499 | 2,874 | | 4.79 |
| | Drywall/Durock | 1,883 | 4,000 | | 5,883 | 7,645 | 8,792 | | 14.65 |
| | Tile | | | 10,128 | 10,128 | 10,128 | 11,647 | | 19.41 |
| | Painting | | | 2,070 | 2,070 | 2,070 | 2,381 | | 3.97 |
| | ---------- | | | | | | | 25,694 | |
| 10 | Toilet Partition | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Toilet / Bath Accessories | | | 5,045 | 5,045 | 5,045 | 5,802 | | 9.67 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 5,802 | |
| 11 | O.F.C.I. | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 12 | Window Treatment | | | 0 | 0 | 0 | 0 | | 0.00 |

H W DAVIS CONSTRUCTION, INC.
CGC 010775

1212 29th Street | Orlando, Fl 32805
407-849-1212 | Fax 407-839-4068
www.hwdavis.com

# GENERAL ESTIMATE

**Project:**

## Restroom Refurb
## GOAA - AS3 - Wing 3

| | | | | |
|---|---|---|---|---|
| Add On: | Material Tax | 6.50% | Bid Date: | **11/13/23** |
| | Labor Burden | 41.00% | Today's Date: | 11/13/23 |
| | Overhead and Profit | 15.00% | Time: | 1:08 PM |
| | Bond | 0.00% | Square Footage | **600** |

| Div. | Description | Material | Labor | Sub-Contractor | Sub Total | Total with T & B | Total with T-B-OH&P-B | Division Total | Cost Per SF |
|---|---|---|---|---|---|---|---|---|---|
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 13 | Metal Building | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 14 | Elevator | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Other | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 0 | |
| 15 | H.V.A.C. | | | 0 | 0 | 0 | 0 | | 0.00 |
| | Plumbing | | | 13,000 | 13,000 | 13,000 | 14,950 | | 24.92 |
| | Fire Sprinkler | | | 0 | 0 | 0 | 0 | | 0.00 |
| | ---------- | | | | | | | 14,950 | |
| 16 | Electrical | | | 7,800 | 7,800 | 7,800 | 8,970 | | 14.95 |
| | Fire Alarm | | | | 0 | 0 | 0 | | 0.00 |
| | | | | | | | | 8,970 | 14.95 |
| | Subtotal | 10,458 | 26,833 | 42,393 | 79,684 | 91,365 | 105,070 | 105,070 | 175.12 |
| | Tax - Labor Burden | 680 | 11,002 | 0 | 11,681 | | | | 19.47 |
| | Costs | 11,137 | 37,835 | 42,393 | 91,365 | | | | 152.28 |
| | Overhead & Profit | | | | 13,705 | | | | 22.84 |
| | Subtotal | | | | 105,070 | | | | 175.12 |
| | Bond | | | | 0 | | | | 0.00 |
| | BID WITHOUT BUILDERS RISK | | | | 105,070 | | | | 175.12 |
| | Buiders Risk (this is added to Div 1 on the bid breakdown) | | | | 0 | | | | 0.00 |
| | Total Bid | | | | 105,070 | | | | 175.12 |

Please see the attached clarification letter

# Professional Demolition Proposal

| | |
|---|---|
| **General Contractor:** | H W Davis Construction, Inc. |
| **Contractor Contact:** | Jeff Rife |
| **Project Name:** | GOAA Employee Restrooms/Stairwells/Corridors at OIA |
| **Project Location:** | Orlando International Airport, Orlando, FL |
| **Bid Number:** | **23-1411** |
| **Bid Date:** | *10/6/23* |
| **Bid Prepared By:** | Todd Delay 407.509.5871 \| tcdelay.creative@gmail.com |

Jeff,

Please note the following pertaining to the "GOAA Employee Restrooms/Stairwells/Corridors at OIA" demolition project. Please review and call me with any questions that you might have. I look forward to hearing from you soon. Creative Environmental values the invitation to bid.

## Demolition Scope:

**Mobilization of Creative Environmental Services, Inc. (CES) equipment, materials and employees. Quantity: one (1).** If any additional mobilizations including equipment are required there will be an additional cost of 1,000.00 per occurrence. If only personnel mobilization is required there will be an additional cost of $500.00 per occurrence.

**AIR SIDE 3 WING 3**
**Restrooms #2635 & 2611**

1. **Remove approx. 76 LF of GWB furring and tile from walls.**
2. **Remove approx. 160 SF of floor tile.**
3. **Remove (4) plumbing fixtures and accessories.**

**TOTAL COST: FOUR THOUSAND ONE HUNDRED DOLLARS** **$4,100.00**

**AIR SIDE 3 WING 2**
**Restrooms #4524 & 4521**

1. **Remove approx. 116 LF of GWB furring and tile from walls.**
2. **Remove approx. 255 SF of floor tile.**
3. **Remove (10) plumbing fixtures and accessories.**
4. **Remove approx. 35 LF of toilet partitions.**

**TOTAL COST: SIX THOUSAND FOUR HUNDRED DOLLARS** **$6,400.00**

**AIRSIDE 1 WING 4**
**Restrooms #2588 & 2585**

1. **Remove approx. 160 LF of GWB furring and tile from walls.**
2. **Remove approx. 480 SF of floor tile.**
3. **Remove (9) plumbing fixtures and accessories.**
4. **Remove approx. 30 LF of toilet partitions.**
5. **Remove approx. 16 LF of millwork.**

**TOTAL COST: EIGHT THOUSAND SIX HUNDRED DOLLARS** **$8,600.00**

Creative Environmental Services, Inc
PO Box 541509 Orlando, FL 32804
Office: 888.351.3755
Fax: 407.210.0538

# Designers West

# PROPOSAL

5609 South Orange Ave
Orlando, Florida 32809
Phone: (407)601-3433

Proposal Number

**SUBMITTED TO:**

**PROJECT:**

**Date:** 10/6/23

Orlando International Airport
Airside 3 - Ramp Level
Wing 3

**Attn:**

PROPOSAL VALID FOR 30 DAYS FROM THIS DATE

**Phone:** **Fax:** **Addenda:**

Furnish and Install per plans and Specs: Date of Plans:

| Code | Product | QTY | Unit |
|---|---|---|---|
| PFT-1 | Trinity Aragonite_Amber_matte 12 x 12 | 190 | SF |
| PFTB-1 | Specialty Color Story Wall_Sq Top cove base | 69 | LF |
| PWT-1 | Specialty Color Story Wall_0036 Calm 6 x 6 | 550 | SF |
| TRANS-1 | Schluter Schiene_aluminum | 8 | LF |

**Contract Total:** **$10,128.00**

**Ten Thousand One Hundred Twenty Eight Dollars and No Cents**

**Proposal inclusions and exclusions**

* Proposal includes sales tax, job stocking, 1 hour of floor preparation, regular business hours installation and our 1 year installation warranty.
* Proposal excludes night and weekend work, moving furniture and fixtures, demolition, vacuuming, washing/waxing, moisture tests, moisture protection, heating/lighting and protective coverings.
* Additional floor preparation will be billed at $50.00 per man hour plus materials.
* Additional 3% to be added to contract if a bond is required

Payment terms:

* Customer will be responsible for any cost or fees incurred in the collection of any past due invoices, including attorney fees and that past due invoices are subject to a 1.5% per month finance charge.

**ALL QUOTES ARE SUBJECT TO CREDIT APPROVAL**

ACCEPTANCE OF PROPOSAL The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.
Payment will be made as outlined above

**ACCEPTED BY:** _____

**Date:** _____

# Proposal

SOUTHERN PAINTING & BLASTING, LLC

175 Anchor Road •Casselberry, FL 32707 • 407-822-1760 • Fax 407-822-1762

October 6, 2023

HW Davis Construction
1212 29th Street
Orlando, FL 32805

Attn: Jeff Rife

**Proposal No. *W144R1***

RE: Employee Restrooms - Wings 2, 3, 4 & 5

WORK PROPOSED AS FOLLOWS:

1. Apply two (2) coats of Promar 200 HP Zero VOC Interior Latex Flat to all ceilings.
2. Apply two (2) coats of Sherwin Williams DTM to all doors and jambs.
3. Scope includes ceilings and doors only.

| | |
|---|---|
| Wing 2 | $2,080.00 |
| Wing 3 | $2,070.00 |
| Wing 4 | $1,760.00 |
| Wing 5 | $2,430.00 |
| Total | $8,340.00 |

NOTES:

1. Southern Painting & Blasting will perform all work on site.
2. All materials will be stored and applied in accordance with the manufacturer's recommendations.
3. Southern Painting & Blasting is responsible for properly rigging and safety procedures in accordance with OSHA and common industry safety practices.
4. All work to be done during 1st shift.

Respectfully submitted,

Craig J. Stempkowski

**ACCEPTED.** The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Sales tax may be applicable. You will provide labor and materials and equipment- complete in accordance with above specifications, and subject to conditions found on this agreement and payment terms shall be net thirty days. This proposal may be withdrawn by Southern if not accepted within 90 days.

By: _____ Date of Acceptance: _____

**2) DDTEN Must be onsite for field dimension before drywall goes up to verify backing.**

AS3

**WING 3**

**Toilet Accessories by ASI & Dyson**

**No specifications provided**

2 each 0362 Stainless Steel Automatic Liquid Soap Dispenser, Surface Mounted
2 each 20030 Twin Toilet Tissue Dispenser, Surface Mounted
2 each 20477-SM Seat Cover Dispenser, Surface Mounted
2 each 3801 42" Straight Grab Bar
2 each 3801 36" Straight Grab Bar
2 each 0600 24" x 36" Mirror
2 each HU02 Airblade V Hand Dryer

**Materials.....$4,817.00 Tax Included** 5045 ✓
**Add for Installation.....$168.00**
**Add for Trip Charge.....$60.00**

**Note: 1) ASI Pricing good through Sept. 2024.**
**2) Electric Hand Dryers to be installed by Others with final connections made by GC's Electrician.**
**3) Verify Voltage Required for Automated Hand Dryers prior to ordering.**

AS3

**WING 2**

**Toilet Accessories by ASI & Dyson**

**No specifications provided**

4 each 0362 Stainless Steel Automatic Liquid Soap Dispenser, Surface Mounted
5 each 20030 Twin Toilet Tissue Dispenser, Surface Mounted
5 each 20477-SM Seat Cover Dispenser, Surface Mounted
3 each 0473-A Sanitary Napkin Disposal, Surface Mounted
7 each 7312 Double Robe Hook
2 each 1204 48"L Shower Curtain Rod w/ Flanges
2 each 1200-V 60"W x 72"H White Shower Curtain
4 each 3801 42" Straight Grab Bar
20 each 1200-SHU Shower Curtain Hook
4 each 0600 24" x 36" Mirror
2 each HU02 Airblade V Hand Dryer

**Materials.....$7,311.00 Tax Included** 7779
**Add for Installation.....$408.00**
**Add for Trip Charge.....$60.00**
**Prepayment Required.....$5,718.00**

**Note: 1) ASI Pricing good through Sept. 2024.**
**2) Electric Hand Dryers to be installed by Others with final connections made by GC's Electrician.**
**3) Verify Voltage Required for Automated Hand Dryers prior to ordering.**

# MID STATE PLUMBING INC

**Quote/Proposal** **DATE 9/15/23**

**PROJECT:** **OIA Airside 3 Wing 3** **BUDGET**

Description of work to be performed:

Remove and replace all fixtures in existing restrooms. Reconnect to existing sanitary and water stubs in existing fixture locations. Supply and install fixtures as listed below.

2) Water closets (wall hung with auto valves)

2) LAV-1 (wall hung with auto valves)

0) LAV-2 (Drop in with auto valves)

0) Urinal (Auto valve)

NOTES:

All work is to be done during normal hours and no after-hours work is included in price.

Cast-Iron for all drain and vent lines COPPER for all the water piping.

All hot water piping is to be insulated with 1" foam insulation.

THIS IS A BUDGET NUMBER ONLY AND SUBJECT TO CHANGE PENDING APPROVED DRAWINGS AND FIXTURES.

NO WORK IS INCLUDED ON IN WALL SANITARY, WATER, OR CARRIER SYSTEMS.

ADDITIONAL COST MAY APPLY PENDING INSURANCE REQUIREMENTS AND BADGING.

EXCLUSIONS FROM PROPOSAL:

- No drywall or concrete patch repair or replacement
- No service or repair work on existing fixtures or drain lines.
- No concrete cutting or core drilling.
- No X-Ray or scanning of concrete.

Total for material and labor provided $13,000.00

This proposal will be kept in good faith for 30 days from the date listed above.

Any alterations from original bid documents or plans provided at time of proposal are subject to additional charges.

I have read and accept this proposal and its conditions.

Signature X._____

- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Men:

- Provide and install (3) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor to reconnect new hand dryer to the existing circuit. We have accounted for one new hand dryer.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 2 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Airside 3 Wing 3

Women:

- Provide and install (1) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 100ft to the panel.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Men:

- Provide and install (1) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor and materials to install power from electrical room to new hand dryer to the existing circuit. We have accounted for one new hand dryer. We have accounted for 100ft to the panel.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 1 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Airside 3 Wing 2

Women:

- Provide and install (2) fixtures utilizing the existing electrical feed.
- Provide labor and materials to replace the existing GFCI receptacle. We have accounted for one GFCI.
- Provide labor to reconnect new hand dryer to the existing circuit. We have accounted for one new hand dryer.
- Provide and install a wall mounted occupancy switch sensor.
- Provide labor to reconnect the sink sensors to the existing power, retained from the demo phase. We have accounted for 2 sinks.
- Provide labor to disconnect existing fixtures, GFCI receptacle and hand dryer.

Men:

- Provide labor to remove the fixture in the shower.
- Provide labor and materials to install new recessed fixture in shower.

General Conditions:
Permitting fees are included.
Working hours are Monday-Friday 7am-3:30pm
We have carried a cost of $125.00 per each for the fixtures.
All Occupancy Sensors are to be wall mounted switch type.
We will need drywall removed to install power and install new lights.

Exclusions:
Drywall removal/replacement/repair
Any work not described as above
Overtime/night shift
Engineering
Signed/sealed drawings

Fire Alarm
Low Voltage
Egress Lighting

***Proposal Amount:***
***Airside 1 Wing 4: $7,500.00***
***Airside 1 Wing 5: $15,500.00***
***Airside 3 Wing 3: $7,800.00***
***Airside 3 Wing 2: $4,800.00***

If you have any questions, please feel free to contact me.

Thank you,

Bumgarner Electric
Travis Bumgarner

# Greater Orlando Aviation Authority

## Planning, Engineering, & Construction

## REQUEST FOR STARTUP PACKAGE

Revised 02/02/2022

| | |
|---|---|
| **Project Type:** | V - Vertical (Continuing) |
| **Project Title (please use CAPS):** | **AS3 W3 RAMP LEVEL RESTROOMS REFURBISH** |
| **New Startup or Revised?** | New |
| | |
| **Airport:** | Orlando International Airport |
| **Project Location:** | Airside 3 Wing 3 Ramp Level |
| | |
| **Project Manager:** | Colin Paterson |
| | |

# Greater Orlando Aviation Authority

**Planning, Engineering, & Construction**

**REQUEST FOR STARTUP PACKAGE**

| | |
|---|---|
| **Contractor (name of firm):** | GOAA |
| **Contract Type:** | Direct Negotiated - Traditional |
| **Work Period:** | Day |
| | |
| **Project Priority:** | Low |
| **Life Expectancy (in Years):** | **20** |
| | |
| **Project Scope:** | Refurbish restrooms 2635 and 2611 at Airside 3 Wing 3 to include Retile wall and floor; paint any exposed walls not covered by tile; Remove and replace lighting with LED lights and Motion Sensors; Remove paper towel dispensers and replace with electric Hand Dryers; Replace Stall Walls as needed; Replace Toilets; Replace Mirrors; Replace Sinks; Replace Faucets; Replace Toilet Paper Holders; Replace Trash bins for each stall; Replace Trash bin at sink; Repair and paint doors in/out of restrooms. |
| | |
| **Program:** | Capital Improvement Program |
| **Sub-Program:** | Facilities Improvement Projects - Maintenance |
| **Sub-Sub-Program:** | *Other FIP Projects by Maintenance (FIP) |

| **Schedule (enter dates):** *(type n/a if not applicable)* | | |
|---|---|---|
| | **n/a** | C.C. Approval of A/E Negotiated Fee |
| | **n/a** | Contract Execution & Design NTP |
| | **n/a** | Receive approval to bid |
| | **n/a** | Advertise for bids |
| | **n/a** | Pre-bid meeting |
| | **n/a** | Bid opening |
| | **12/05/23** | Receive approval to award from CC |
| | **n/a** | Receive approval to award from Board (If > $250k) |
| | **12/18/23** | Complete contract execution |
| | **12/18/23** | Issue Construction NTP (effective date) |
| **Enter Duration to Subst:** | **69** | |
| **Enter Duration to Final:** | **30** | |
| | ***02/24/24*** | ***Substantial Completion (calendar days from NTP*** |
| | ***03/25/24*** | ***Final Completion (calendar days from Subst.)*** |

| | |
|---|---|
| **A/E (name of firm):** | N/A |
| **A/E Contact:** | N/A |
| | |
| **OAR (name of firm):** | Ardmore Roderick |
| **OAR Contact:** | Colin Paterson |

| **Budget Item:** | **Current Budget** | | **New Request** | **Total Budget** |
|---|---|---|---|---|
| A/E Fees – Design | $ - | | $ - | $ - |
| A/E Fees – Construction | $ - | | $ - | $ - |
| Construction | $ - | | $ 105,070.00 | $ 105,070.00 |
| OAR Fees – Design | $ - | | $ - | $ - |
| OAR Fees – Construction | $ - | | $ 10,500.00 | $ 10,500.00 |
| *Miscellaneous | $ - | | $ - | $ - |
| Contingency | $ - | | $ 25,000.00 | $ 25,000.00 |

# Greater Orlando Aviation Authority

**Planning, Engineering, & Construction**

**REQUEST FOR STARTUP PACKAGE**

| | | | | |
|---|---|---|---|---|
| **TOTAL** | $ - | | $ 140,570.00 | $ 140,570.00 |
| ***Miscellaneous Comments:** | | | | |

| | |
|---|---|
| **Funding Dept (Sponsor):** | Maintenance |
| **Funding Source:** | CapEx (Capital Expenditure Fund) |
| | - |
| | - |
| | - |
| | - |
| **Funding Detail or Code:** | **310-711-210-5660003-000-501388** |
| **Permits Required:** | No |
| **Permit Types (List):** | |
| **Anticipate Dispute Resolution Board (DRB)?** | No |
| **Airport Security Program Approval Required?** *(TSA - 45 days in advance)* | No |
| **GOAA Systems/Areas Affected:** | Electrical (Interior & Exterior) |
| | Finishes |
| | Plumbing |
| | Electrical (Interior & Exterior) |
| | Tenant Space |
| | - |

**Major Trades:** *For BP Projects Only (type "x" next to trade names)*

| | ***100 General Building*** | | ***200 Site / Civil*** |
|---|---|---|---|
| | Airfield Operations | | Airfield Construction |
| | Electrical (BHS) | | Airport Lighting and Equipment |
| X | Electrical (Interior & Exterior) | | Airport Runway Cleaning Services |
| | Electroncis (Inc., PA, Parking Revenue) | | Asphalt Pavement |
| | Enviro-Hazardous Matls / UST | | Bridges |
| X | Finishes | | Box Culverts |
| | GSE (Inc. PC Air, 400 Hz) | | Clearing and Grubbing |
| | HVAC (Incl. BAS) | | Concrete & Corrugated Metal Pipes |
| | Hyatt Hotel | | Concrete Pavement |
| | Irrigation | | Earthwork and grading |
| | Landscaping | | Equipment Rental |
| | Life Safety (Incl. Fire Alarm, Sprinklers) | | Landscaping and Irrigation Systems |
| | NONE | | Painting and Striping |
| | Pavement (Incl. Drainage, Markings) | | Retaining Walls |
| X | Plumbing | | Roadway Construction |
| | Roofing & Glazing | | Underground Storage Tanks |
| | Security (Incl. Access Contrl & AOA Fences) | | Utilities |
| | Signage | | Waste Removal |
| X | Tenant Space | | |
| | Vertical Circulation (Elev, Esc, APM) | | |

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
11312 Terminal C Service Road
Orlando, FL 32824

# MEMORANDUM

TO: Members of the Construction Committee

FROM: Danielle Plummer, Manager, Contracts and Grants

DATE: December 5, 2023

SUBJECT: Request for Recommendation of Approval of No-Cost Addenda to the Continuing Environmental Consulting Services to Exercise the First One-Year Renewal Option

---

In April 2021, the Aviation Authority Board approved Continuing Environmental Consulting Services with the below firms. The provisions in the agreements include a base three-year term with two subsequent optional one-year renewal periods upon mutual agreement of the parties.

Each firm's base agreement expires as follows:

| FIRM | EXPIRATION DATE |
|---|---|
| Bio-Tech Consulting, Inc. | 06/30/2024 |
| Breedlove, Dennis & Associates, Inc. | 05/14/2024 |
| DRMP Inc. | 05/14/2024 |
| EXP U.S. Services, Inc. | 08/25/2024 |
| Terracon Consultants, Inc. | 05/14/2024 |
| The Transit Group, Inc. dba Ecological Associates, Inc. | 07/16/2024 |
| MSE Group, LLC | 05/07/2024 |
| Vanasse Hangen Brustlin, Inc. | 05/14/2024 |

To maintain these services on an as-needed basis for routine operations of the Aviation Authority, staff requires the services of the above-referenced firms. All eight firms were requested to provide their concurrence to exercise the first one-year renewal option (copies of which are attached).

It is requested that the Construction Committee recommend to the Aviation Authority Board approval of a No-cost Addendum to each of the Continuing Environmental Consulting Services Agreements with the firms listed above to extend each agreement for one year from the current expiration date.

# Bio-Tech Consulting Inc.
Environmental and Permitting Services

November 8, 2023

Greater Orlando Aviation Authority
ATTN: Danielle Plummer - Manager, Contracts and Grants
One Jeff Fuqua Blvd
Orlando, FL 32827

Re: Continuing Environmental Consulting Services Agreement dated June 30, 2021

Dear Ms. Plummer:

Bio-Tech Consulting, Inc. is pleased to submit our intention to exercise the first one-year renewal option in accordance with Section 7 of the Agreement.

Should you have any questions or comments, please do not hesitate to contact me directly at (407) 894-5969. Thank you for your consideration.

Sincerely,



John A. Miklos
President

Orlando: Main Office
3025 East South Street
Orlando, FL 32803

Jacksonville Office
11235 St Johns Industrial Pkwy N
Suite 2
Jacksonville, FL 32246

Tampa Office
6011 Benjamin Road
Suite 101-B
Tampa, FL 33634

Vero Beach Office
4445 North A1A
Suite 221
Vero Beach, FL 32963

Key West Office
1107 Key Plaza
Suite 259
Key West, FL 33040

Land & Aquatic Management
3825 Rouse Road
Orlando, FL 32817

407.894.5969
877.894.5969
407.894.5970 fax

info@bio-techconsulting.com www.bio-techconsulting.com

# BDA

ENVIRONMENTAL CONSULTANTS

October 18, 2023

Ms. Danielle Plummer
Manager, Contract & Grants
Greater Orlando Aviation Authority – Engineering and Construction
11312 Terminal C Service Road
Orlando International Airport, Orlando, FL 32824
Office: 407.825.4082/Cell: 407.375-2275
Email: danielle.plummer@goaa.org

RE: Continuing Environmental Consulting Services Agreement 5073-3 OQ
Extension Request

Dear Ms. Plummer:

In response to your October 13, 2023, notice regarding the Continuing Environmental Consulting Services Agreement Dated May 14, 2021, BDA intends to exercise the first one-year extension in accordance with Section 7 of the dated Agreement.

Sincerely yours,



W. Jeffrey Pardue, C.E.P., M.S., M.B.A.
Senior Vice President

WJP/tnp

941 Lake Baldwin Lane, Orlando, Florida 32814
Phone: 407.896.0594 | Fax: 407.896.4836
1.833.811.3767 | www.DRMP.com

October 16, 2023

Ms. Danielle Plummer
GOAA-Engineering and Construction
11312 Terminal C. Service Road
Orlando International Airport, Orlando FL 32824

**Subject: Continuing Environmental Consulting Services Agreement dated May 14, 2021**

Dear Ms. Plummer

We concur renewal for the Continuing Environmental Consulting Services Agreement dated May 14, 2021 with DRMP, Inc.

Please reach me at 407-362-1331 or rschmidt@drmp.com if any further documentation is needed for the renewal. Thank you.

Sincerely,
**DRMP, Inc.**

Rachel Schmidt
Environmental Department Manager

CC: INITIALS

October 16, 2023

Danielle Plummer
Manager, Contracts and Grants
Greater Orlando Aviation Authority
One Jeff Fuqua Boulevard
Orlando, FL 32827

Re: Continuing Environmental Consulting Services
Extension Request

Dear Ms. Plummer:

I am writing to provide concurrence to exercise the first one-year renewal option for our Continuing Environmental Consulting Services agreement.

If there are any additional documents or information required from my end to facilitate this process, please do not hesitate to inform me. Should you have any questions, please call me at 954.999.8292.

Sincerely,

Marcos Souza, PE, PMP
Director of Aviation
EXP U.S. Services Inc.

201 Alhambra Circle, Suite 800, Coral Gables, Florida 33134
t: 305-631-2208 | exp.com

1675 Lee Road
Winter Park, FL 32789
P (407) 740-6110
F (407) 740-6112
Terracon.com

November 10, 2023

Greater Orlando Aviation Authority
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4399

Attn: Ms. Danielle Plummer, Manager, Contracts and Grants
E: danielle.plummer@goaa.org
O: 407-825-4082 C: 407-375-2275

Re: Renewal Acceptance

Dear Ms. Plummer:

Terracon is providing this letter as acceptance of the renewal for the Continuing Environmental Consulting Services Agreement, dated May 14, 2021. GOAA's letter, dated October 13, 2023, states that the Authority is extending this contract for the first one-year renewal option.

Thank you very much for the opportunity to continue providing our services to GOAA.

Sincerely,
Terracon Consultants, Inc.

Mark W. Mulligan, P.G.
Principal / Office Manager III

November 13, 2023

Danielle Plummer
Manager, Contracts and Grants
Greater Orlando Aviation Authority
One Jeff Fuqua Blvd.
Orland, FL 32827-4399
Danielle.plummer@goaa.org

Dear Mrs. Plummer:

In response to your correspondence dated October 13, 2023, please accept this letter as written notification of The Transit Group, Inc. DBA Ecological Associates, Inc.'s (EAI) concurrence to exercise the first one-year renewal option in Section 7 of our Continuing Environmental Consulting Services Agreement dated July 15, 2021, with the Greater Orlando Aviation Authority (GOAA).

We hope to obtain recommendation of approval of the contract extension by the Construction Committee in December and subsequent placement on the GOAA Board's January agenda.

If you need any additional information from EAI, please do not hesitate to contact me or Rachel King.

Thank you,

James Sellers
Co-President

Cc: Rachel King, Niki Desjardin - EAI

Ecological | Environmental | Engineering

November 13, 2023

**Electronic Mail Delivery Only**
***danielle.plummer@goaa.org***

Greater Orlando Aviation Authority (GOAA)
5855 Cargo Road
Orlando, FL 32827

**c/o Danielle Plummer**
Manager, Contracts and Grants

RE: **Continuing Environmental Consulting Services agreement dated April 21, 2021**
First One-Year Renewal Option

Dear Ms. Plummer,

MSE has received the GOAA letter dated October 13, 2023, requesting concurrence of our intentions to exercise the first one-year renewal option. MSE would like to exercise this renewal option to continue providing environmental consulting services to GOAA.

Should you have any questions, please contact me at 813.504.2716 or elevland@montrose-env.com.

Sincerely,
**MSE Group, LLC**

Ellen M. Eveland, PE
Principle-in-Charge

Cc. Jim Cotton, Contract Manager

October 16, 2023

Ref: 81031.21

Ms. Danielle Plummer
Manager, Contracts and Grants
Greater Orlando Aviation Authority – Engineering and Construction
11312 Terminal C Service Road
Orlando International Airport
Orlando, FL 32824

Re: First One-Year Renewal to Continuing Environmental Consulting Services Agreement

Dear Ms. Anderson:

As requested, this letter serves as the written notification of our desire to exercise the first one-year renewal option to our Continuing Environmental Consulting Services Agreement dated May 14, 2021. We have enjoyed working with the Greater Orlando Aviation Authority and look forward to continuing our relationship.

If you have any questions at all, please do not hesitate to contact me at (407) 839-4006 or gserviss@vhb.com. Thanks for all your help.

Sincerely,

VANASSE HANGEN BRUSTLIN, INC.

Gary M. Serviss
Southeast Region Environmental Services Director

225 E. Robinson Street, Suite 300
Landmark Center Two
Orlando, Florida 32801
P 407.839.4006
F 407.839.4008

ORLANDO INTERNATIONAL AIRPORT | MCO
Innovation Connecting the World

# MEMORANDUM

**TO:** **Members of the Construction Committee**

**FROM:** **Scott Shedek, Vice President, Construction**

**DATE:** **December 5, 2023**

**RE:** **CONTRACTOR FINAL PAYMENT AUTHORIZATION CONTRACTOR: Hensel Phelps Construction**

---

The **Guaranteed Maximum Price (GMP) Construction Contracts** for the projects listed below have been completed and final pay applications have been submitted.

**BP-S143 (GMP 6S.1) Airside Terminal, Structure, and Enclosure**
GMP 6S.1, Airside Terminal, Structure, and Enclosure, included Building Concrete, Precast, Masonry, Structural Steel and Miscellaneous Metals, Foundation Waterproofing, Exterior Glass Systems, Skylights, Elevators and Escalators, Fire Suppression, Plumbing, and HVAC.

**BP-S144 (GMP 6S.2) STC Airside Enclosure & Exterior Finishes**
GMP 6S.2, Airside Enclosure and Exterior Finishes, included the Electrical, Framing & Drywall, Roofing, Stucco, Exterior Metal Panels, Waterproofing & Caulking, Air Barrier, Passenger Boarding Bridges Foundations, Horizontal Lifeline System, Miscellaneous Metals, Utility Transformers, and Fiber Ductbank.

**BP-S145 (GMP 6S.3) Airside Early Interiors**
GMP 6S.3, Airside Early Interiors, included Ornamental Metals and Railings, Millwork, Doors/Frames/Hardware, Overhead Service Doors, Spray-Applied Fireproofing and Insulation, Intumescent Fireproofing, Interior Storefront & Glass Wall Systems, Acoustical Ceilings, Interior Plaster, Terrazzo, and Building Signage.

**BP-S168 (GMP 6S.4) Airside Interior Finishes and Specialties**
GMP 6S.4, Airside Interior Finishes and Specialties, included Column Covers, Interior Wall Panels, Tile, Resilient Tile and Carpet, Epoxy Flooring, Painting, Interior Specialties, Bird Control Devices, Roller Window Shades, and Low Voltage Systems.

**CC**
**ITEM IV-F**
**12/5/2023**

**BP-S177 (GMP 6S.5) Airside Experiential Media Environment (EME)**
GMP 6S.5, furnished and installed all mechanical, electrical, plumbing, structural and architectural finishes for the Experiential Media Environment (EME) system including, but not limited to, fountain/water feature, moment vault, windows of Orlando (window structures) and related work required for a complete EME system at the Orlando International Airport.

**BP-S154 (GMP 11S) Fueling System**
GMP 11S, included the Fuel System.

All final completion requirements, including but not limited to; close-out documentation, punch list items, warranty information, and Small Business reconciliations required for these, and all remaining Hensel Phelps Construction South Terminal C projects must be provided prior to release of final payment for BP-S159 (GMP 16S.6) General Conditions.

It is respectfully requested that the Construction Committee authorize final payment to **Hensel Phelps Construction** for the above referenced projects.

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Tuan Nguyen, *Assistant Vice President, Engineering***
***(Prepared by Ben Brown, Loyal Wingman)***

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Amendment to Addendum 1 to the Continuing Program and Project Management Services Agreement with WSP USA, Inc. for a No Cost Time Adjustment for additional Construction Phase OAR Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2) Orlando International Airport**

---

On June 21, 2022, the Construction Committee recommended approval of Addendum 1 in the amount of $1,308,472.00 to the above-referenced agreement for Construction Phase OAR Services, which the Aviation Authority Board approved on August 21, 2022. Since that time, it has been discovered that additional scope has been added to the construction contract extending both the substantial and final completion dates. Based on the remaining balance in the OAR budget, no additional funding will be needed for the OAR to continue to provide project management and oversight through final completion. Therefore, since it has been determined that services continue to be required until project completion or until further notice. It is respectfully requested that the completion date for Addendum 1 be removed so that the Consultant may continue to submit invoices for services rendered.

There is no impact on small business participation goals since there is no funding impact.

It is respectfully requested that the Construction Committee approve an Amendment to Addendum 1 to the Continuing Program and Project Management Services Agreement with WSP USA, Inc. for a No Cost Time Adjustment to remove the completion date on Addendum 1 as described above:

| | |
|---|---|
| Not to Exceed Fees | $0.00 |
| Lump Sum Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$0.00** |
| AAC – Compliance Review Date | EW 11/30/23 |
| AAC – Funding Eligibility Review Date | N/A |

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

# MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** Request for Approval of an Amendment to Addendum 1 to the Continuing Program and Project Management Services Agreement with WSP USA, Inc. for a No Cost Time Adjustment for additional Construction Phase OAR Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2) Orlando International Airport

The no-cost time extension amendment does not have any impact on small business participation.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

South Terminal Complex Field Office
11346 Terminal C Service Road
Orlando, FL 32824
Cell: 786.236.2137
November 27, 2023

Mr. Tuan Nguyen, P.E.
Manager of Engineering
GREATER ORLANDO AVIATION AUTHORITY
11314 Terminal C Service Road
Orlando, FL 32824

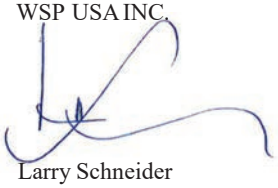
Subject: **BP-0496, EAST AIRFIELD TAXIWAYS REHABILITATION- PHASE 2**
Orlando International Airport
OAR Task Extension

Dear Mr. Nguyen:

The BP-496 project is nearly complete. Only a few outstanding items remain. During the course of construction, several additional scope items were added to the project. These additional items extended the substantial completion date by 42 days. For this reason, our OAR services will continue to be required until project completion or until further notice. It is respectfully requested that the completion date for Addendum 1 be removed, so we may continue to submit invoices for services rendered. This request would eliminate any end date for our OAR services.

Respectfully submitted,

WSP USA INC.



Larry Schneider
SVP, National Aviation Sr. Director

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant: WSP USA INC.

By: 

Print Name: Larry Schneider

Date: Nov. 27, 2023

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
***(Prepared by Don Corthell, PSA)***

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc. dba PSA Management Inc. for W-S00151 Terminal C Design and Project Oversight Services to provide Construction Phase OAR Services for E-S00020 Terminal C Enhancements Electrical BHS Lighting Improvements at the Orlando International Airport.**

Consultant's proposal dated November 21, 2023, is to provide construction phase OAR services for the above referenced project, which will provide approximately sixty-one (61) new LED strip lights and associated raceways and cabling within the Landside Terminal BHS rooms at the mezzanine level. The project is anticipated to begin in December 2023 and be substantially complete in March 2024.

If approved, these services would be effective on the date of Construction Committee approval.

This continuing consultant was selected for this task based on (☑ all that apply):

☒ Experience ☒ Available Personnel ☒ Current Workload

☒ Expertise ☒ Equitable Distribution ☐ Other: Security Project

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved General Airport Revenue Bonds. Funding source verified by VHinds of Construction Finance on 11/29/23 as correct and available.

It is respectfully requested that the Construction Committee approve the Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors Inc. dba PSA Management Inc. for the services contained herein and amount as shown below:

| | | |
|---|---|---|
| Not to Exceed Fees | | $6,496.00 |
| Lump Sum Fees | | $0.00 |
| Not to Exceed Expenses | | $0.00 |
| **TOTAL** | | **$6,496.00** |
| AAC-Compliance Review Date | 11/29/2023 | ZTG |
| AAC-Funding Eligibility Review Date | 11/29/2023 | |

**CC**
**ITEM IV-H**
**12/5/2023**

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

## MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc. dba PSA Management Inc. for W-S00151 Terminal C Design and Project Oversight Services to provide Construction Phase OAR Services for E-S00020 Terminal C Enhancements Electrical BHS Lighting Improvements at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that PSA Constructors, Inc. dba PSA Management, Inc. does not propose small business participation on this addendum, as the services being provided are for staffing support.

Our analysis indicates that PSA Constructors, Inc. dba PSA Management, Inc. is eligible for award of the subject addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

November 21, 2023

Mr. Scott Shedek
Greater Orlando Aviation Authority
Vice President, Construction
11312 Terminal C Service Rd., Bldg. 16
Orlando, FL. 32824

**RE: W-S00151 Terminal C Design and Project Oversight Services to provide Construction Phase OAR Services for E-S00020 Terminal C Enhancements Electrical BHS Lighting Improvements at the Orlando International Airport.**

Dear Mr. Shedek,

PSA Management, Inc. is pleased to provide this proposal for Onsite OAR Support Services/Staffing for Continuing Program and Project Management on the **RE: E-S00020 Electrical BHS Lighting Improvements.** We will staff this project with a Senior Project Manager for minimum oversight, and Electrical Project Manager, and a Senior Project Coordinator to work closely with the Contractor, GOAA OPS and Maintenance.

This project will supply and install sixty-one (61) LED strip lights in the Landside BHS mezzanine areas where lighting levels are not sufficient and present a safety concern for BHS personnel and Maintenance. The PSA team will provide appropriate notifications and assistance with the Contractor to ensure the minimum amount of impact to Operations occurs. The Team will perform the work based on the project schedule to include after hours and weekends if needed. The field work is anticipated to begin in December 2023 and be Substantially Complete in March 2023.

Our proposed staffing requirements and applicable unit rates to manage this project effectively is depicted in the attached schedules. The total submitted value in the amount of $6,496.00 includes $6,496.00 in NTE Fees for PSA.

| | | | | |
|---|---|---|---|---|
| Senior Project Coordinator | PSA | $110.00 | 14 | $1,540.00 |
| Senior Project Manager | PSA | $248.00 | 5 | $1,240.00 |
| Project Manager-Electrical | PSA | $171.00 | 20 | $3,420.00 |
| Admin Assistant | PSA | $75.00 | 4 | $296.00 |
| | | | 43 | $6,496.00 |

Thank you for giving us this opportunity to work together. Please reach out to me should you have any questions.

Sincerely,

Patrick Aliu, CSI, CGC, CCI, CCPM, CRA, PMI, BDIA
President/CEO

# Orlando International Airport

| E-S00020 Electrical BHS Lighting Improvements | | | 21-Nov-23 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Construction Phase OAR Staffing Estimate** | | | | | | | | | | |
| **Role** | **Firm** | **Hourly Rate** | **Total Hours** | **Total Fee** | | | | | | |
| Senior Project Coordinator | PSA | $110.00 | 14 | $1,540.00 | | | | | | |
| Senior Project Manager | PSA | $248.00 | 5 | $1,240.00 | | | | | | |
| Project Manager-Electrical | PSA | $171.00 | 20 | $3,420.00 | | | | | | |
| Admin Assistant | PSA | $74.00 | 4 | $296.00 | | | | | | |
| | | | 43 | $6,500.00 | | | | | | |
| **REIMBURSABLE EXPENSES:** | | | | $0.00 | | | | | | |
| **SUBTOTAL** | | | | **$0.00** | | | | | | |
| | | | | | | | | | | |
| **TOTAL:** | | | | **$6,496.00** | | | | | | |
| | | | | | | | | | | |
| **MWBE/LDB PARTICIPATION** | | 0.00 | **% Participation** | | | | | | | |
| | | | | | | | | | | |
| **SUBTOTAL** | | | | **$0.00** | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **Construction Phase OAR Staffing Proposal** | | | | | | | | | | |
| | | | | | 1/2 Mnth | | | | | |
| Role | Individual | Firm | Expanded Role Information | | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | Total |
| Senior Project Coordinato | Rebecca McKeown | PSA | Project Coordination | | 5 | 3 | 3 | 3 | 0 | **14** |
| Senior Project Manager | Don Corthell | PSA | Project Management/Team Leadership | | 2 | 2 | 1 | 0 | 0 | **5** |
| Project Manager-Electrica | Dale Race | PSA | Field inspections, coordination, PM | | 10 | 5 | 5 | 0 | 0 | **20** |
| Admin Assistant | TBD | PSA | Home Office | | 1 | 1 | 1 | 1 | 0 | **4** |
| Total Staff Hours | | | | | | | | | | **43** |

**Greater Orlando Aviation Authority**

**PSA Management, Inc.**

**Projected Hours by Task for FY23-24 (October 1, 2023 - September 30, 2024)**

*Legend:*

Proposal submitted for review

Previously approved

Future proposal

| Name | Position | Project | Task Description | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | ##### | Sep-24 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FOR CC AS OF 4/4/2023** | | | | | | | | | | | | | | | | |
| Jaime Olivo | QA/QC | BP-S00199 | Train Station Passenger Drop-Off Lobby Parking Lot D/B Phase 2 | 160 | 80 | 20 | | | | | | | | | | 980 |
| Dale Race | Senior Electrical Inspector | BP-S00199 | Train Station Passenger Drop-Off Lobby Parking Lot D/B Phase 2 | 80 | 60 | 20 | | | | | | | | | | 510 |
| | | | | | | | | | | | | | | | | 1490 |
| | | | **TOTAL** | | | | | | | | | | | | | **2980** |
| Don Corthell | Senior Project Manager | E-00283 | Runway 18L Vault Work | | | | | | | | | | | | | 100 |
| Rene Morejon | QA/QC | E-00283 | Runway 18L Vault Work | | | | | | | | | | | | | 115 |
| | | | **TOTAL** | | | | | | | | | | | | | **215** |
| Don Corthell | Senior Project Manager | H-00359 | Pond Dredging Program (FY 2023) | 30 | | | | | | | | | | | | 205 |
| Becky McKewe | Sr. Project Coordinator | H-00359 | Pond Dredging Program (FY 2023) | 40 | | | | | | | | | | | | 120 |
| Rene Morejon | QA/QC | H-00359 | Pond Dredging Program (FY 2023) | 30 | | | | | | | | | | | | 300 |
| | | | **TOTAL** | | | | | | | | | | | | | **625** |
| Don Corthell | Senior Project Manager | E-00280 | West Airfield Electrical Upgrades | 15 | 15 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | | | | 150 |
| Beck McKewen | Sr. Project Coordinator | E-00280 | West Airfield Electrical Upgrades | 15 | 15 | 15 | 15 | 15 | 15 | 20 | 20 | 20 | | | | 150 |
| Dale Race | QA QC Manager | E-00280 | West Airfield Electrical Upgrades | 15 | 15 | 15 | 15 | 15 | 21 | 20 | 20 | 20 | | | | 186 |
| Administration | TBD | E-00280 | West Airfield Electrical Upgrades | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | 28 |
| | | | **TOTAL** | | | | | | | | | | | | | **514** |
| Don Corthell | Senior Project Manager | E-S00014 | MCO Termian l C Departures Bridge and Ground Transportation Level Lighting Replacement | 5 | | | | | | | | | | | | 55 |
| Becky McKeow | Senior Project Coordinator | E-S00014 | MCO Termian l C Departures Bridge and Ground Transportation Level Lighting Replacement | 20 | | | | | | | | | | | | 20 |
| TBD | Administrative Assistant | E-S00014 | MCO Termian l C Departures Bridge and Ground Transportation Level Lighting Replacement | 2 | | | | | | | | | | | | 8 |
| | | | **Total** | | | | | | | | | | | | | **83** |
| Don Corthell | Senior Project Manager | H-S0030 | Terminal C Misc. Horizontal Construction | 0 | | | | | | | | | | | | **24** |
| Rene Morejon | QA/QC Manager | H-S0030 | Terminal C Misc. Horizontal Construction | 10 | | | | | | | | | | | | **60** |
| Rebecca McKeown | Senior Project Coordinator | H-S0030 | Terminal C Misc. Horizontal Construction | 20 | | | | | | | | | | | | **20** |
| Admin Assistant | TBD | H-S0030 | Terminal C Misc. Horizontal Construction | 2 | | | | | | | | | | | | **8** |
| | | | **TOTAL** | | | | | | | | | | | | | **112** |
| Don Corthell | Senior Project Manager | E-S0016 | Terminal C Misc Electrical Construction | 10 | 10 | 8 | 2 | | | | | | | | | **40** |
| Rene Morejon | QA/QC Manager | E-S0016 | Terminal C Misc Electrical Construction | 10 | 10 | 10 | 10 | | | | | | | | | **55** |
| Rebecca McKeown | Senior Project Coordinator | E-S0016 | Terminal C Misc Electrical Construction | 10 | 10 | 10 | 10 | | | | | | | | | **40** |
| TBD | Administrative Assistant | E-S0016 | Terminal C Misc Electrical Construction | 2 | 1 | 1 | 2 | | | | | | | | | **8** |
| | | | **Total** | | | | | | | | | | | | | **143** |
| Don Corthell | Senior Project Manager | L-000080 | MCO ACS/Rex Button Replacement | 1 | 1 | 1 | 1 | | | | | | | | | **5** |
| Dale Race | QA/QC Manager | L-00080 | MCO ACS/Rex Button Replacement | 10 | 5 | 5 | 5 | | | | | | | | | **30** |
| Rebecca McKeown | Senior Project Coordinator | L-00080 | MCO ACS/Rex Button Replacement | 5 | 5 | 5 | 5 | | | | | | | | | **20** |
| TBD | Administrative Assistant | L-00080 | MCO ACS/Rex Button Replacement | 1 | 1 | 1 | 1 | | | | | | | | | **6** |
| | | | **TOTAL** | | | | | | | | | | | | | **61** |
| Don Corthell | Senior Project Manager | V-S0018 | Terminal C Moving Walkways | | 15 | 15 | | | | | | | | | | **30** |
| Rebecca McKeown | Senior Project Coordinator | V-S0018 | Terminal C Moving Walkways | | 15 | 11 | | | | | | | | | | **26** |
| TBD | Administrative Assistant | V-S0018 | Terminal C Moving Walkways | | 1 | 1 | | | | | | | | | | **2** |
| | | | **TOTAL** | | | | | | | | | | | | | **58** |
| Don Corthell | Senior Project Manager | V-00982 | MCO Campus Key & Lock Replacement | 0 | 135 | 40 | | | | | | | | | | **175** |
| Rene Morejon | Ass. PM | V-00982 | MCO Campus Key & Lock Replacement | 80 | 155 | 72 | | | | | | | | | | **307** |
| Rebecca McKeown | Senior Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | 60 | 60 | 60 | | | | | | | | | | **180** |
| Jessica Charres | Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | 176 | 168 | 72 | | | | | | | | | | **416** |
| Admin Assistant | TBD | V-00982 | MCO Campus Key & Lock Replacement | 0 | 0 | 0 | | | | | | | | | | **0** |
| | | Design Pha | **TOTAL** | | | | | | | | | | | | | **1078** |
| | | | | | | | | | | | | | | | | **0** |
| Don Corthell | Senior Project Manager | V-00982 | MCO Campus Key & Lock Replacement | | | 40 | 40 | 40 | 40 | 40 | 20 | 10 | | | | **230** |
| Rene Morejon | Ass. PM | V-00982 | MCO Campus Key & Lock Replacement | | | 80 | 176 | 168 | 168 | 176 | 176 | 80 | | | | **1024** |
| Rebecca McKeown | Senior Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | | | 60 | 60 | 60 | 60 | 60 | 60 | 40 | | | | **400** |
| Jessica Charres | Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | | | 80 | 176 | 168 | 168 | 176 | 176 | 80 | | | | **1024** |
| Admin Assistant | TBD | V-00982 | MCO Campus Key & Lock Replacement | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | **14** |
| | | Constructio | **TOTAL** | | | | | | | | | | | | | **2692** |
| Don Corthell | Senior Project Manager | E-XXXX | Parking Garage EV Charging Stations | | | 5 | 5 | 5 | 1 | | | | | | | **16** |
| Dale Race | QA/QC Manager | E-XXXX | Parking Garage EV Charging Stations | | | 15 | 15 | 10 | 1 | | | | | | | **41** |
| Rebecca McKeown | Senior Project Coordinator | E-XXXX | Parking Garage EV Charging Stations | | | 10 | 10 | 10 | 10 | | | | | | | **40** |
| TBD | Administrative Assistant | E-XXXX | Parking Garage EV Charging Stations | | | 1 | 1 | 1 | 1 | | | | | | | **4** |
| | | | **TOTAL** | | | | | | | | | | | | | **101** |
| Don Corthell | Senior Project Manager | V-SXXXX | Terminal C Trash Room Platforms | | | 5 | 5 | 5 | 5 | | | | | | | **20** |
| Rebecca McKeown | Senior Project Coordinator | V-SXXXX | Terminal C Trash Room Platforms | | | 5 | 2 | 2 | 2 | 5 | | | | | | **16** |
| Jaime Olivo | QA/QC Manager | V-SXXXX | Terminal C Trash Room Platforms | | | 0 | 10 | 10 | 10 | | | | | | | **30** |
| Admin Assistant | TBD | V-SXXXX | Terminal C Trash Room Platforms | | | 2 | 2 | 2 | 2 | | | | | | | **8** |
| | | | **TOTAL** | | | | | | | | | | | | | **74** |

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant PSA Management, Inc.

By: 

Print Name: Patrick Aliu

Date: 11/21/23

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
***(Prepared by Don Corthell, PSA)***

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc. dba PSA Management Inc. for W-S00151 Terminal C Design and Project Oversight Services to provide Construction Phase OAR Services for V-S00045 Terminal C Enhancements Trash Room Platforms, Orlando International Airport**

Consultant's proposal dated November 13, 2023, is to provide construction phase OAR services for the above referenced project, which will provide two (2) trash dumpster platforms , electrical power and associated work to allow for horizontal removal and replacement of the dumpsters due to overhead obstructions. The project is anticipated to begin in December 2023 and be substantially complete in April 2024.

If approved, these services would be effective on the date of Construction Committee approval.

This continuing consultant was selected for this task based on (☑ all that apply):

☒ Experience ☒ Available Personnel ☒ Current Workload

☒ Expertise ☒ Equitable Distribution ☐ Other: Security Project

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved General Airport Revenue Bonds. Funding source verified by VHinds of Construction Finance on 11/29/23 as correct and available.

It is respectfully requested that the Construction Committee approve the Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors Inc. dba PSA Management Inc. for the services contained herein and amount as shown below:

| | |
|---|---|
| Not to Exceed Fees | $11,302.00 |
| Lump Sum Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$11,302.00** |
| AAC-Compliance Review Date | MM 11/29/2023 |
| AAC-Funding Eligibility Review Date | 11/29/2023 |

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

## MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc. dba PSA Management Inc. for W-S00151 Terminal C Design and Project Oversight Services to provide Construction Phase OAR Services for V-S00045 Terminal C Enhancements Trash Room Platforms at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that PSA Constructors, Inc. dba PSA Management, Inc. does not propose small business participation on this addendum, as the services being provided are for staffing support.

Our analysis indicates that PSA Constructors, Inc. dba PSA Management, Inc. is eligible for award of the subject addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

November 13, 2023

Mr. Scott Shedek
Greater Orlando Aviation Authority
Vice President, Construction
11312 Terminal C Service Rd., Bldg. 16
Orlando, FL. 32824

**RE: W-S00151 Terminal C Design and Project Oversight Services to provide Construction Phase OAR Services for V-S00045 Terminal C Enhancements Trash Room Platforms, Orlando International Airport**

Dear Mr. Shedek,

PSA Management, Inc. is pleased to provide this proposal for On site OAR Support Services/Staffing for **the above mentioned project.** We will staff this project with a Senior Project Manager, a QA/QC Manager, and a Senior Project Coordinator to work closely with the Contractor, GOAA OPS and Maintenance.

This project will require appropriate notifications and assistance with the Contractor to ensure the minimum amount of impact to Operations occurs. The Team will perform the work based on the project schedule to include after hours and weekends if needed. The field work is anticipated to begin in mid-December 2023 and be Substantially Complete in April 2024.

Our proposed staffing requirements and applicable unit rates to manage this project effectively is depicted in the attached schedules. The total submitted value in the amount of $11,302.00 includes $11,302.00 in NTE Fees for PSA.

| | | | | |
|---|---|---|---|---|
| Senior Project Coordinator | PSA | $110.00 | 16 | $1,760.00 |
| Senior Project Manager | PSA | $248.00 | 20 | $4,960.00 |
| Sr QA/QC Manager | PSA | $133.00 | 30 | $3,990.00 |
| Admin Assistant | PSA | $74.00 | 8 | $592.00 |
| | | | 74 | $11,302.00 |

Thank you for giving us this opportunity to work together. Please reach out to me should you have any questions.

Sincerely,

Patrick Aliu, CSI, CGC, CCI, CCPM, CRA, PMI, BDIA
President/CEO

# Orlando International Airport

| V-S00045 Terminal C Trash Room Platforms | | | 13-Nov-23 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Construction Phase OAR Staffing Estimate** | | | | | | | | | | |
| **Role** | **Firm** | **Hourly Rate** | **Total Hours** | **Total Fee** | | | | | | |
| Senior Project Coordinator | PSA | $110.00 | 16 | $1,760.00 | | | | | | |
| Senior Project Manager | PSA | $248.00 | 20 | $4,960.00 | | | | | | |
| Sr QA/QC Manager | PSA | $133.00 | 30 | $3,990.00 | | | | | | |
| Admin Assistant | PSA | $74.00 | 8 | $592.00 | | | | | | |
| | | | 74 | $11,302.00 | | | | | | |
| **REIMBURSABLE EXPENSES:** | | | | $0.00 | | | | | | |
| **SUBTOTAL** | | | | **$0.00** | | | | | | |
| **TOTAL:** | | | | **$11,302.00** | | | | | | |
| **MWBE/LDB PARTICIPATION** | | 0.00 | **% Participation** | | | | | | | |
| **SUBTOTAL** | | | | **$0.00** | | | | | | |
| **Construction Phase OAR Staffing Proposal** | | | | | | | | | | |
| | | | | | 1/2 Mnth | | | | | |
| Role | Individual | Firm | Expanded Role Information | | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | Total |
| Senior Project Coordinato | Rebecca McKeown | PSA | Project Coordination | | 5 | 2 | 2 | 2 | 5 | **16** |
| Senior Project Manager | Don Corthell | PSA | Project Management/Team Leadership | | 5 | 5 | 5 | 5 | 0 | **20** |
| Sr QA/QC Manager | Jaime Olivo | PSA | QA/QC | | 0 | 10 | 10 | 10 | 0 | **30** |
| Admin Assistant | TBD | PSA | Home Office | | 2 | 2 | 2 | 2 | 0 | **8** |
| Total Staff Hours | | | | | | | | | | **74** |

**Greater Orlando Aviation Authority**

**PSA Management, Inc.**

**Projected Hours by Task for FY23-24 (October 1, 2023 - September 30, 2024)**

*Legend:*

Proposal submitted for review

Previously approved

Future proposal

| Name | Position | Project | Task Description | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Feb-24 | Mar-24 | Apr-24 | May-24 | Jun-24 | Jul-24 | ##### | Sep-24 | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FOR CC AS OF 4/4/2023** | | | | | | | | | | | | | | | | |
| Jaime Olivo | QA/QC | BP-S00199 | Train Station Passenger Drop-Off Lobby Parking Lot D/B Phase 2 | 160 | 80 | 20 | | | | | | | | | | 980 |
| Dale Race | Senior Electrical Inspector | BP-S00199 | Train Station Passenger Drop-Off Lobby Parking Lot D/B Phase 2 | 80 | 60 | 20 | | | | | | | | | | 510 |
| | | | | | | | | | | | | | | | | 1490 |
| | | | **TOTAL** | | | | | | | | | | | | | **2980** |
| Don Corthell | Senior Project Manager | E-00283 | Runway 18L Vault Work | | | | | | | | | | | | | 100 |
| Rene Morejon | QA/QC | E-00283 | Runway 18L Vault Work | | | | | | | | | | | | | 115 |
| | | | **TOTAL** | | | | | | | | | | | | | **215** |
| Don Corthell | Senior Project Manager | H-00359 | Pond Dredging Program (FY 2023) | 30 | | | | | | | | | | | | 205 |
| Becky McKewe | Sr. Project Coordinator | H-00359 | Pond Dredging Program (FY 2023) | 40 | | | | | | | | | | | | 120 |
| Rene Morejon | QA/QC | H-00359 | Pond Dredging Program (FY 2023) | 30 | | | | | | | | | | | | 300 |
| | | | **TOTAL** | | | | | | | | | | | | | **625** |
| Don Corthell | Senior Project Manager | E-00280 | West Airfield Electrical Upgrades | 15 | 15 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | | | | 150 |
| Beck McKewen | Sr. Project Coordinator | E-00280 | West Airfield Electrical Upgrades | 15 | 15 | 15 | 15 | 15 | 15 | 20 | 20 | 20 | | | | 150 |
| Dale Race | QA QC Manager | E-00280 | West Airfield Electrical Upgrades | 15 | 15 | 15 | 15 | 15 | 21 | 20 | 20 | 20 | | | | 186 |
| Administration | TBD | E-00280 | West Airfield Electrical Upgrades | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | 28 |
| | | | **TOTAL** | | | | | | | | | | | | | **514** |
| Don Corthell | Senior Project Manager | E-S00014 | MCO Termianl C Departures Bridge and Ground Transportation Level Lighting Replacement | 5 | | | | | | | | | | | | 55 |
| Becky McKeow | Senior Project Coordinator | E-S00014 | MCO Termianl C Departures Bridge and Ground Transportation Level Lighting Replacement | 20 | | | | | | | | | | | | 20 |
| TBD | Administrative Assistant | E-S00014 | MCO Termianl C Departures Bridge and Ground Transportation Level Lighting Replacement | 2 | | | | | | | | | | | | 8 |
| | | | **Total** | | | | | | | | | | | | | **83** |
| Don Corthell | Senior Project Manager | H-S0030 | Terminal C Misc. Horizontal Construction | 0 | | | | | | | | | | | | **24** |
| Rene Morejon | QA/QC Manager | H-S0030 | Terminal C Misc. Horizontal Construction | 10 | | | | | | | | | | | | **60** |
| Rebecca McKeown | Senior Project Coordinator | H-S0030 | Terminal C Misc. Horizontal Construction | 20 | | | | | | | | | | | | **20** |
| Admin Assistant | TBD | H-S0030 | Terminal C Misc. Horizontal Construction | 2 | | | | | | | | | | | | **8** |
| | | | **TOTAL** | | | | | | | | | | | | | **112** |
| Don Corthell | Senior Project Manager | E-S0016 | Terminal C Misc Electrical Construction | 10 | 10 | 8 | 2 | | | | | | | | | **40** |
| Rene Morejon | QA/QC Manager | E-S0016 | Terminal C Misc Electrical Construction | 10 | 10 | 10 | 10 | | | | | | | | | **55** |
| Rebecca McKeown | Senior Project Coordinator | E-S0016 | Terminal C Misc Electrical Construction | 10 | 10 | 10 | 10 | | | | | | | | | **40** |
| TBD | Administrative Assistant | E-S0016 | Terminal C Misc Electrical Construction | 2 | 1 | 1 | 2 | | | | | | | | | **8** |
| | | | **Total** | | | | | | | | | | | | | **143** |
| Don Corthell | Senior Project Manager | L-000080 | MCO ACS/Rex Button Replacement | 1 | 1 | 1 | 1 | | | | | | | | | **5** |
| Dale Race | QA/QC Manager | L-00080 | MCO ACS/Rex Button Replacement | 10 | 5 | 5 | 5 | | | | | | | | | **30** |
| Rebecca McKeown | Senior Project Coordinator | L-00080 | MCO ACS/Rex Button Replacement | 5 | 5 | 5 | 5 | | | | | | | | | **20** |
| TBD | Administrative Assistant | L-00080 | MCO ACS/Rex Button Replacement | 1 | 1 | 1 | 1 | | | | | | | | | **6** |
| | | | **TOTAL** | | | | | | | | | | | | | **61** |
| Don Corthell | Senior Project Manager | V-S0018 | Terminal C Moving Walkways | | 15 | 15 | | | | | | | | | | **30** |
| Rebecca McKeown | Senior Project Coordinator | V-S0018 | Terminal C Moving Walkways | | 15 | 11 | | | | | | | | | | **26** |
| TBD | Administrative Assistant | V-S0018 | Terminal C Moving Walkways | | 1 | 1 | | | | | | | | | | **2** |
| | | | **TOTAL** | | | | | | | | | | | | | **58** |
| Don Corthell | Senior Project Manager | V-00982 | MCO Campus Key & Lock Replacement | 0 | 135 | 40 | | | | | | | | | | **175** |
| Rene Morejon | Ass. PM | V-00982 | MCO Campus Key & Lock Replacement | 80 | 155 | 72 | | | | | | | | | | **307** |
| Rebecca McKeown | Senior Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | 60 | 60 | 60 | | | | | | | | | | **180** |
| Jessica Charres | Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | 176 | 168 | 72 | | | | | | | | | | **416** |
| Admin Assistant | TBD | V-00982 | MCO Campus Key & Lock Replacement | 0 | 0 | 0 | | | | | | | | | | **0** |
| | | Design Pha | **TOTAL** | | | | | | | | | | | | | **1078** |
| | | | | | | | | | | | | | | | | **0** |
| Don Corthell | Senior Project Manager | V-00982 | MCO Campus Key & Lock Replacement | | | 40 | 40 | 40 | 40 | 40 | 20 | 10 | | | | **230** |
| Rene Morejon | Ass. PM | V-00982 | MCO Campus Key & Lock Replacement | | | 80 | 176 | 168 | 168 | 176 | 176 | 80 | | | | **1024** |
| Rebecca McKeown | Senior Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | | | 60 | 60 | 60 | 60 | 60 | 60 | 40 | | | | **400** |
| Jessica Charres | Project Coordinator | V-00982 | MCO Campus Key & Lock Replacement | | | 80 | 176 | 168 | 168 | 176 | 176 | 80 | | | | **1024** |
| Admin Assistant | TBD | V-00982 | MCO Campus Key & Lock Replacement | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | **14** |
| | | Constructio | **TOTAL** | | | | | | | | | | | | | **2692** |
| Don Corthell | Senior Project Manager | E-S00020 | Parking Garage EV Charging Stations | | | 5 | 5 | 5 | 1 | | | | | | | **16** |
| Dale Race | QA/QC Manager | E-S00020 | Parking Garage EV Charging Stations | | | 15 | 15 | 10 | 1 | | | | | | | **41** |
| Rebecca McKeown | Senior Project Coordinator | E-S00020 | Parking Garage EV Charging Stations | | | 10 | 10 | 10 | 10 | | | | | | | **40** |
| TBD | Administrative Assistant | E-S00020 | Parking Garage EV Charging Stations | | | 1 | 1 | 1 | 1 | | | | | | | **4** |
| | | | **TOTAL** | | | | | | | | | | | | | **101** |
| Don Corthell | Senior Project Manager | V-S00045 | Terminal C Trash Room Platforms | | | 5 | 5 | 5 | 5 | | | | | | | **20** |
| Rebecca McKeown | Senior Project Coordinator | V-S00045 | Terminal C Trash Room Platforms | | | 5 | 2 | 2 | 2 | 5 | | | | | | **16** |
| Jaime Olivo | QA/QC Manager | V-S00045 | Terminal C Trash Room Platforms | | | 0 | 10 | 10 | 10 | | | | | | | **30** |
| Admin Assistant | TBD | V-S00045 | Terminal C Trash Room Platforms | | | 2 | 2 | 2 | 2 | | | | | | | **8** |
| | | | **TOTAL** | | | | | | | | | | | | | **74** |

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant PSA Management, Inc.

By: _____

Print Name: Patrick Aliu

Date: 11/14/23

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by Colin Paterson)*

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Design Phase Owner's Authorized Representative Services for V-01013 Airside 1 and 3 Wings 2-5 Ramp Level Corridor and Stair Refurbishment, Orlando International Airport**

---

The Consultant's proposal, dated November 13, 2023, is to provide Design, Pre-Construction, startup and Award Phase Owner's Authorized Representative (OAR) services for the above referenced project. The scope of our services will consist of completing and processing the project startup package, scope development and review, field walks and price negotiations with the Continuing Contractor, and construction award phase services for the above referenced project. The Construction phase OAR services will be submitted with the Construction Award Job Order at a later date.

If approved, these services would be effective the date of Construction Committee Approval.

This continuing consultant was selected for this task based on (☑ all that apply):

☐ Experience ☒ Available Personnel ☒ Current Workload

☐ Expertise ☒ Equitable Distribution ☐ Other:_____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Fund 310-711-210-5660003-000-501388. Funding source verified by Melvin Martinez of Construction Finance on 12/1/23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with The Roderick Group, Inc., dba Ardmore Roderick for the services contained herein and the amount as shown below:

| | |
|---|---|
| Not to Exceed Fees | $6,762.00 |
| Lump Sum Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$6,762.00** |
| AAC – Compliance Review Date | 11/29/2023 ZTG |
| AAC – Funding Eligibility Review Date | 11/20/2023 |

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by Colin Paterson)*

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Design Phase Owner's Authorized Representative Services for V-01013 Airside 1 and 3 Wings 2-5 Ramp Level Corridor and Stair Refurbishment, Orlando International Airport**

---

The Consultant's proposal, dated November 13, 2023, is to provide Design, Pre-Construction, startup and Award Phase Owner's Authorized Representative (OAR) services for the above referenced project. The scope of our services will consist of completing and processing the project startup package, scope development and review, field walks and price negotiations with the Continuing Contractor, and construction award phase services for the above referenced project. The Construction phase OAR services will be submitted with the Construction Award Job Order at a later date.

If approved, these services would be effective the date of Construction Committee Approval.

This continuing consultant was selected for this task based on (☑ all that apply):

☐ Experience ☒ Available Personnel ☒ Current Workload

☐ Expertise ☒ Equitable Distribution ☐ Other:_____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Fund 310-711-210-5660003-000-501388. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with The Roderick Group, Inc., dba Ardmore Roderick for the services contained herein and the amount as shown below:

| | |
|---|---|
| Not to Exceed Fees | $6,762.00 |
| Lump Sum Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$6,762.00** |
| AAC – Compliance Review Date | 11/29/2023 ZTG |
| AAC – Funding Eligibility Review Date | 11/20/2023 |

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

## MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** 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-01013 Airside 1 and 3 Wings 2-5 Ramp Level Corridor and Stair Refurbishments, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that The Roderick Group, Inc. dba Ardmore Roderick does not propose small business participation on this addendum as the services being provided are for staffing support.

Our analysis indicates that The Roderick Group, Inc. dba Ardmore Roderick is eligible for award of the subject addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

Ardmore Roderick

November 13, 2023

Mr. Scott Shedek
Vice President of Construction
**GREATER ORLANDO AVIATION AUTHORITY**
11314 Terminal C Service Road
Orlando, FL 32824

Subject: **V-01013 Airside 1 and 3 Wings 2-5 Ramp Level Corridor and Stair Refurbishment**
Orlando International Airport (MCO)

Dear Mr. Shedek,

Ardmore Roderick is pleased to submit this proposal to provide Design, Pre-Construction startup and Award Phase OAR Project Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work attached.

The scope of our services for the proposed project will consist of providing assistance to the GOAA staff in the areas of completing and processing the project startup packages, scope development and review, field walks and price negotiations with the Continuing Contractor, and construction award phase services for the above referenced project. The Construction phase OAR services will be submitted with the Construction Award Job Order at a later date.

Our estimated man-hour requirements and applicable unit rates for completion of the project are attached to this proposal. The total contract value is estimated at **$6,762.00**. This amount consists of $6,762.00 for Not to Exceed Fees and $0.00 for Not to Exceed Expenses.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on this most important project. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ardmore Roderick

Colin Paterson, CCM
Sr. Project Manager, Aviation

P: 321.430.6710
F: 773.289.0567
www.ArdmoreRoderick.com

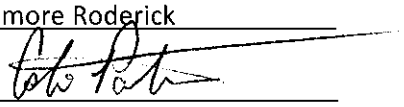
3361 Rouse Road
Suite 140
Orlando, Florida 32817

# TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: Ardmore Roderick

By: 

Print Name: Colin Paterson, CCM

Date: 11/7/23

**Greater Orlando Aviation Authority**
**Orlando International Airport**

## V-01013 Airside 1 and 3 Wings 2-5 Ramp Level Corridor and Stair Refurbishment

11/15/23

**OAR Staffing Estimate**

| Role | Individual | Firm | 2023 | 2024 | | | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | |
| | | | | | | | | | | | | | | | |
| Senior Project Manager | Colin Paterson | | | 38 | 4 | | | | | | | | | | 42 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **Total Staff Hours** | | | | **38** | **4** | | | | | | | | | | **42** |

**Greater Orlando Aviation Authority**
**Orlando International Airport**

**V-01013 Airside 1 and 3 Wings 2-5 Ramp Level Corridor and Stair Refurbishment** 11/15/23

**OAR Staffing Estimate**

| Role | Individual | Firm | Hourly Rate | Total Hours | Total Fee |
|---|---|---|---|---|---|
| **Staffing:** | | | | | |
| Senior Project Executive | Jeff Jackowski | | $ 264.00 | | |
| Senior Project Manager | Colin Paterson | | $ 161.00 | 42 | $ 6,762.00 |
| Project Manager | Brittany Davis | | $ 147.00 | | |
| Asst Project Manager | Tony Odendahl | | $ 125.00 | | |
| Project Coordinator | | | $ - | | |
| Senior Inspector | | | $ 110.00 | | |
| Construction Manager | | | $ 138.00 | | |
| | | | | | |
| | | | | | |
| **Subtotal** | | | | **42** | **$ 6,762.00** |
| **Reimbursable Expenses:** | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| **Subtotal** | | | | | **$ -** |
| | | | | | |
| **Total:** | | | | | **$ 6,762.00** |

**DBE / MWBE / LDB Participation**

| Firm | DBE | MWBE | LDB | Fee | % Participation |
|---|---|---|---|---|---|
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| **Total:** | | | | | **0%** |

| Name | Position | Project # | Project Status | Description | 2023 | | 2024 | | | | | | | | | | | | | | | | | | | | | | 2025 | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | |
| **22-034 OAR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colin Paterson | PM | V-00986 | approved | AS4 Delta Club Window Replacement-Design | 36.3 | | | | | | | | | | | | | | | | | | | | | | | | | 36.27 |
| | PM | H-00328 | approved | FY23 AS 3 Ramp Slab Rehabilitation | | | 13 | 20 | 16 | 8 | 14 | 16 | | | | | | | | | | | | | | | | | | 87 |
| | PM | V-00988 | approved | Beachline Warehouse Roof Replacement | | | | 57 | 72 | 40 | 82 | 76 | | | | | | | | | | | | | | | | | | 327 |
| | PM | R-00102 | approved | IT Building Roof Replace | | | 12 | 29 | 29 | | | | | | | | | | | | | | | | | | | | | 70 |
| | PM | R-00103 | approved | West ARFF Roof Replace | | | 11 | 48 | 29 | | | | | | | | | | | | | | | | | | | | | 88 |
| | PM | EP-00373 | approved | A Side Commercial Curb Canopy Hurricane membrane repair | | | | | | 16 | 46 | 42 | | | | | | | | | | | | | | | | | | 104 |
| | PM | V-00997 | approved | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | 12 | 22 | 30 | 24 | 14 | 26 | | | | | | | | | | | | | | | | | | 128 |
| | PM | R-00104 | approved | 17L35R Vault Roof Replace | | | | | | | | | 35 | 38 | 27 | 21 | | | | | | | | | | | | | | 121 |
| | PM | V-01009 | approved | Remodel Purchasing Building | | | | | | | | | 59 | 32 | 18 | | | | | | | | | | | | | | | 109 |
| | PM | V-00992 | approved | Rehabilitation of Structural Steel Commercial Lanes Canopies | | | | | | | | | 74 | 90 | 84 | 89 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 700 |
| | SR PM | V-00992 | pending | PTFE evaluation - Amendment to Addendum 11 | | | | | | | | | | 8 | | | | | | | | | | | | | | | | 8 |
| | SR PM | V-01012 | approved | Airside1 Wing 4 Ramp Level Restroom Refurbishments | | | | | | | | | | 51 | 35 | | | | | | | | | | | | | | | 86 |
| | SR PM | V-01015 | future | AS3 Wing 3 Bathroom refurbish | | | | | | | | | | | 17 | 36 | 12 | | | | | | | | | | | | | 65 |
| | SR PM | V-01013 | future | AS1&3 W2-5 Ramp Level Corr & Stair Refurbish - OAR design | | | | | | | | | | | 38 | 4 | | | | | | | | | | | | | | 42 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | 36.3 | | 48 | 176 | 176 | 88 | 156 | 160 | 168 | 219 | 219 | 150 | 71 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 1971.27 |
| Tony Odendahl | Sr Insp | H-00328 | approved | FY23 AS 3 Ramp Slab Rehabilitation | | | 30 | 138 | 132 | 126 | 42 | | | | | | | | | | | | | | | | | | | 468 |
| | APM | V-00988 | approved | Beachline Warehouse Roof Replacement | | | | 38 | 44 | 34 | 142 | 160 | 10 | | | | | | | | | | | | | | | | | 428 |
| | APM | R-00102 | approved | IT Building Roof Replace | | | 6 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | APM | R-00103 | approved | West ARFF Roof Replace | | | 6 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Sr Insp | H-00359 | approved | Pond Dredging Program FY23 | | | | 32 | 88 | 84 | 92 | 24 | | | | | | | | | | | | | | | | | | 320 |
| | APM | V-00997 | approved | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | 6 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | APM | R-00104 | approved | 17L35R Vault Roof Replace | | | | | | | | | 10 | 10 | 16 | 16 | | | | | | | | | | | | | | 52 |
| | APM | V-01009 | approved | Remodel Purchasing Building | | | | | | | | | 30 | 26 | 14 | | | | | | | | | | | | | | | 70 |
| | APM | V-00992 | approved | Rehabilitation of Structural Steel Commercial Lanes Canopies | | | | | | | | | 20 | 58 | 63 | 69 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 573 |
| | APM | V-01012 | approved | Airside1 Wing 4 Ramp Level Restroom Refurbishments | | | | | | | | | | 8 | 4 | | | | | | | | | | | | | | | 12 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | 48 | 208 | 264 | 244 | 276 | 184 | 70 | 102 | 97 | 85 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 1941 |
| Brittany Davis | APM | H-00328 | approved | FY23 AS 3 Ramp Slab Rehabilitation | | | | | | 8 | 16 | | | | | | | | | | | | | | | | | | | 24 |
| | APM | V-00988 | approved | Beachline Warehouse Roof Replacement | | | | | | 56 | 14 | | | | | | | | | | | | | | | | | | | 70 |
| | APM | V-00997 | approved | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | | | | 8 | 16 | | | | | | | | | | | | | | | | | | | 24 |
| | PM | BP-049 | approved | Taxiways ABE4 Rehab | | | | | | | | | | 76 | 29 | 52 | 64 | 42 | 51 | 37 | 6 | | | | | | | | | 357 |
| | PM | BP-00497 | approved | MCO Taxiways G&H-Phase 1 | | | | | | | | | | 144 | 129 | 146 | 146 | 158 | 154 | 141 | 147 | 184 | 176 | 168 | 150 | 13 | | | | 1856 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | 72 | 46 | | | 220 | 158 | 198 | 210 | 200 | 205 | 178 | 153 | 184 | 176 | 168 | 150 | 13 | | | | 2331 |
| Britt Rittman | APM | BP-049 | approved | Taxiways ABE4 Rehab | | | | | | | | | | 72 | 80 | 87 | 80 | 80 | 36 | 8 | | | | | | | | | | 443 |
| | APM | BP-00497 | approved | MCO Taxiways G&H-Phase 1 | | | | | | | | | | | 112 | 113 | 87 | 69 | 66 | 129 | 143 | 184 | 176 | 168 | 100 | 13 | | | | 1360 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | | | | | 72 | 192 | 200 | 167 | 149 | 102 | 137 | 143 | 184 | 176 | 168 | 100 | 13 | | | | 1803 |
| George Rugi | Sr Insp | BP-00497 | approved | MCO Taxiways G&H-Phase 1 | | | | | | | | | | | | 13 | 160 | 168 | 176 | 184 | 160 | 184 | 176 | 168 | 150 | 9 | | | | 1548 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | | | | | | | 13 | 160 | 168 | 176 | 184 | 160 | 184 | 176 | 168 | 150 | 9 | | | | 1548 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Total OAR Staff Hours** | | | | | **36.3** | | **96** | **384** | **440** | **404** | **478** | **344** | **238** | **613** | **666** | **646** | **667** | **601** | **571** | **591** | **536** | **644** | **616** | **588** | **400** | **35** | | | | **5715.27** |

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by Colin Paterson)*

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Design Phase Owner's Authorized Representative Services for V-01014 Airside1 Wing 5 Ramp Level Restroom Refurbishment, Orlando International Airport**

---

The consultant's proposal, dated November 21, 2023, is to provide Design, Pre-Construction, startup and Award Phase Owner's Authorized Representative (OAR) services for the above referenced project. The scope of our services will consist of completing and processing the project startup package, scope development and review, field walks and price negotiations with the Continuing Contractor, and construction award phase services for the above referenced project. The Construction phase OAR services will be submitted with the Construction Award at a later date.
If approved, these services would be effective the date of Construction Committee Approval.
This continuing consultant was selected for this task based on (☑ all that apply):

☐ Experience ☒ Available Personnel ☒ Current Workload
☐ Expertise ☒ Equitable Distribution ☐ Other:_____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Fund 310-711-210-5660003-000-501388. Funding source verified by Melvin Martinez of Construction Finance on 11 / 30 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with The Roderick Group, Inc., dba Ardmore Roderick for the services contained herein and the amount as shown below:

| | |
|---|---|
| Not to Exceed Fees | $6,762.00 |
| Lump Sum Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$6,762.00** |
| AAC – Compliance Review Date | MM 11/30/2023 |
| AAC – Funding Eligibility Review Date | 11/30/2023 |

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by Colin Paterson)*

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Design Phase Owner's Authorized Representative Services for V-01014 Airside1 Wing 5 Ramp Level Restroom Refurbishment, Orlando International Airport**

---

The consultant's proposal, dated November 21, 2023, is to provide Design, Pre-Construction, startup and Award Phase Owner's Authorized Representative (OAR) services for the above referenced project. The scope of our services will consist of completing and processing the project startup package, scope development and review, field walks and price negotiations with the Continuing Contractor, and construction award phase services for the above referenced project. The Construction phase OAR services will be submitted with the Construction Award at a later date.
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| AAC – Compliance Review Date | MM 11/30/2023 |
| AAC – Funding Eligibility Review Date | |

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

## MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** 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-01014 Airside 1 Wing 5 Ramp Level Restroom Refurbishment, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that The Roderick Group, Inc. dba Ardmore Roderick does not propose small business participation on this addendum as the services being provided are for staffing support.

Our analysis indicates that The Roderick Group, Inc. dba Ardmore Roderick is eligible for award of the subject addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

Ardmore Roderick

November 21, 2023

Mr. Scott Shedek
Vice President of Construction
**GREATER ORLANDO AVIATION AUTHORITY**
11314 Terminal C Service Road
Orlando, FL 32824

Subject: **V-01014 Airside1 Wing 5 Ramp Level Restroom Refurbishment**
Orlando International Airport (MCO)

Dear Mr. Shedek,

Ardmore Roderick is pleased to submit this proposal to provide Design, Pre-Construction startup and Award Phase OAR Project Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work attached.

The scope of our services for the proposed project will consist of providing assistance to the GOAA staff in the areas of completing and processing the project startup packages, scope development and review, field walks and price negotiations with the Continuing Contractor, and construction award phase services for the above referenced project. The Construction phase OAR services will be submitted with the Construction Award Job Order at a later date.

Our estimated man-hour requirements and applicable unit rates for completion of the project are attached to this proposal. The total contract value is estimated at **$6,762.00**. This amount consists of $6,762.00 for Not to Exceed Fees and $0.00 for Not to Exceed Expenses.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on this most important project. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ardmore Roderick

Colin Paterson, CCM
Sr. Project Manager, Aviation

P: 321.430.6710
F: 773.289.0567
www.ArdmoreRoderick.com

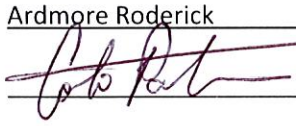
3361 Rouse Road
Suite 140
Orlando, Florida 32817

# TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: Ardmore Roderick

By: 

Print Name: Colin Paterson, CCM

Date: 11/21/23

**Greater Orlando Aviation Authority**
**Orlando International Airport**

## V-01014 Airside1 Wing 5 Ramp Level Restroom Refurbishment

11/21/23

**OAR Staffing Estimate**

| Role | Individual | Firm | 2023 | 2024 | | | | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | |
| | | | | | | | | | | | | | | | |
| Senior Project Manager | Colin Paterson | | | 38 | 4 | | | | | | | | | | 42 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **Total Staff Hours** | | | | **38** | **4** | | | | | | | | | | **42** |

**Greater Orlando Aviation Authority**
**Orlando International Airport**

**V-01014 Airside1 Wing 5 Ramp Level Restroom Refurbishment** 11/21/23

**OAR Staffing Estimate**

| Role | Individual | Firm | Hourly Rate | Total Hours | Total Fee |
|---|---|---|---|---|---|
| **Staffing:** | | | | | |
| Senior Project Manager | Colin Paterson | | $ 161.00 | 42 | $ 6,762.00 |
| | | | | | |
| | | | | | |
| **Subtotal** | | | | **42** | **$ 6,762.00** |
| **Reimbursable Expenses:** | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| **Subtotal** | | | | | **$ -** |
| | | | | | |
| **Total:** | | | | | **$ 6,762.00** |

**DBE / MWBE / LDB Participation**

| Firm | DBE | MWBE | LDB | Fee | % Participation |
|---|---|---|---|---|---|
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| **Total:** | | | | | **0%** |

| Name | Position | Project Status | Project # | Description | 2023 | | 2024 | | | | | | | | | | | | | | | | | | | | | | 2025 | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | |
| **22-034 OAR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colin Paterson | PM | approved | V-00986 | AS4 Delta Club Window Replacement-Design | 36.3 | | | | | | | | | | | | | | | | | | | | | | | | | | 36.27 |
| | PM | approved | H-00328 | FY23 AS 3 Ramp Slab Rehabilitation | | | 13 | 20 | 16 | 8 | 14 | 16 | | | | | | | | | | | | | | | | | | | 87 |
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| | PM | approved | EP-00373 | A Side Commercial Curb Canopy Hurricane membrane repair | | | | | | 16 | 46 | 42 | | | | | | | | | | | | | | | | | | | 104 |
| | PM | approved | V-00997 | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | 12 | 22 | 30 | 24 | 14 | 26 | | | | | | | | | | | | | | | | | | | 128 |
| | PM | approved | R-00104 | 17L35R Vault Roof Replace | | | | | | | | | 35 | 38 | 27 | 21 | | | | | | | | | | | | | | | 121 |
| | PM | approved | V-01009 | Remodel Purchasing Building | | | | | | | | | 59 | 32 | 18 | | | | | | | | | | | | | | | | 109 |
| | PM | approved | V-00992 | Rehabilitation of Structural Steel Commercial Lanes Canopies | | | | | | | | | 74 | 90 | 84 | 89 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | | 700 |
| | SR PM | approved | V-00992 | PTFE evaluation - Amendment to Addendum 11 | | | | | | | | | | 8 | | | | | | | | | | | | | | | | | 8 |
| | SR PM | approved | V-01012 | Airside1 Wing 4 Ramp Level Restroom Refurbishments | | | | | | | | | | 51 | 35 | | | | | | | | | | | | | | | | 86 |
| | SR PM | future | V-01015 | AS3 Wing 3 Bathroom refurbish | | | | | | | | | | | 17 | 36 | 12 | | | | | | | | | | | | | | 65 |
| | SR PM | future | V-01013 | AS1&3 W2-5 Ramp Level Corr & Stair Refurbish - OAR design | | | | | | | | | | | 38 | 4 | | | | | | | | | | | | | | | 42 |
| | SR PM | future | V-01013 | AS1&3 W2-5 Ramp Level Corr & Stair Refurbish - OAR Const | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SR PM | future | V-01014 | AS1 Wing 5 Bathroom refurbish - OAR design | | | | | | | | | | | 38 | 4 | | | | | | | | | | | | | | | 42 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | 36.3 | | 48 | 176 | 176 | 88 | 156 | 160 | 168 | 219 | 257 | 154 | 71 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | | 2013.27 |
| Tony Odendahl | Sr Insp | approved | H-00328 | FY23 AS 3 Ramp Slab Rehabilitation | | | 30 | 138 | 132 | 126 | 42 | | | | | | | | | | | | | | | | | | | | 468 |
| | APM | approved | V-00988 | Beachline Warehouse Roof Replacement | | | | 38 | 44 | 34 | 142 | 160 | 10 | | | | | | | | | | | | | | | | | | 428 |
| | APM | approved | R-00102 | IT Building Roof Replace | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | APM | approved | R-00103 | West ARFF Roof Replace | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | APM | approved | V-00997 | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Sr Insp | approved | H-00359 | Pond Dredging Program FY23 | | | | 32 | 88 | 84 | 92 | 24 | | | | | | | | | | | | | | | | | | | 320 |
| | APM | approved | R-00104 | 17L35R Vault Roof Replace | | | | | | | | | 10 | 10 | 16 | 16 | | | | | | | | | | | | | | | 52 |
| | APM | approved | V-01009 | Remodel Purchasing Building | | | | | | | | | 30 | 26 | 14 | | | | | | | | | | | | | | | | 70 |
| | APM | approved | V-00992 | Rehabilitation of Structural Steel Commercial Lanes Canopies | | | | | | | | | 20 | 58 | 63 | 69 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | | 573 |
| | APM | approved | V-01012 | Airside1 Wing 4 Ramp Level Restroom Refurbishments | | | | | | | | | | 8 | 4 | | | | | | | | | | | | | | | | 12 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | 48 | 208 | 264 | 244 | 276 | 184 | 70 | 102 | 97 | 85 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | | 1941 |
| Brittany Davis | APM | approved | H-00328 | FY23 AS 3 Ramp Slab Rehabilitation | | | | | | 8 | 16 | | | | | | | | | | | | | | | | | | | | 24 |
| | APM | approved | V-00988 | Beachline Warehouse Roof Replacement | | | | | | 56 | 14 | | | | | | | | | | | | | | | | | | | | 70 |
| | APM | approved | V-00997 | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | | | | 8 | 16 | | | | | | | | | | | | | | | | | | | | 24 |
| | PM | approved | BP-00497 | MCO Taxiways G&H-Phase 1 | | | | | | | | | | 144 | 129 | 146 | 146 | 158 | 154 | 141 | 147 | 184 | 176 | 168 | 150 | 13 | | | | | 1856 |
| | PM | approved | BP-049 | Taxiways ABE4 Rehab | | | | | | | | | | | 30 | 52 | 64 | 42 | 51 | 37 | 6 | | | | | | | | | | 282 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | 72 | 46 | | | 144 | 159 | 198 | 210 | 200 | 205 | 178 | 153 | 184 | 176 | 168 | 150 | 13 | | | | | 2256 |
| Britt Rittman | APM | approved | BP-049 | Taxiways ABE4 Rehab | | | | | | | | | | | | 90 | 125 | 106 | 110 | 43 | 8 | | | | | | | | | | 482 |
| | APM | approved | BP-00497 | MCO Taxiways G&H-Phase 1 | | | | | | | | | | | 112 | 113 | 87 | 69 | 66 | 129 | 143 | 184 | 176 | 168 | 100 | 13 | | | | | 1360 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | | | | | | 112 | 203 | 212 | 175 | 176 | 172 | 151 | 184 | 176 | 168 | 100 | 13 | | | | | 1842 |
| George Rugi | APM | approved | BP-00497 | MCO Taxiways G&H-Phase 1 | | | | | | | | | | | | 13 | 160 | 168 | 170 | 178 | 160 | 177 | 176 | 168 | 145 | 9 | | | | | 1524 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | | | | | | | 13 | 160 | 168 | 170 | 178 | 160 | 177 | 176 | 168 | 145 | 9 | | | | | 1524 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Total OAR Staff Hours** | | | | | **36.3** | | **96** | **384** | **440** | **404** | **478** | **344** | **238** | **465** | **625** | **653** | **712** | **627** | **639** | **620** | **544** | **637** | **616** | **588** | **395** | **35** | | | | | **9576.27** |

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by Colin Paterson)*

**Date:** **December 5, 2023**

**Re:** **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-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishment, Orlando International Airport**

---

Consultant's proposal, dated November 13, 2023, is to provide (OAR) services for the construction phase of the above referenced project, which is to assist the GOAA staff in the areas of construction project management, project control, and contract administration.

If approved, these services would be effective the date of Construction Committee Approval.

This continuing consultant was selected for this task based on (☑ all that apply):

☐ Experience ☒ Available Personnel ☒ Current Workload

☐ Expertise ☒ Equitable Distribution ☐ Other:_____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Fund 310-711-210-5660003-000-501388. Funding source verified by Melvin Martinez of Construction Finance on 12 / 1 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with The Roderick Group, Inc., dba Ardmore Roderick for the services contained herein and the amount as shown below:

| | |
|---|---|
| Not to Exceed Fees | $10,465.00 |
| Lump Sum Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$10,465.00** |
| AAC – Compliance Review Date | MM 11/30/2023 |
| AAC – Funding Eligibility Review Date | 11/30/2023 |

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
*(Prepared by Colin Paterson)*

**Date:** **December 5, 2023**

**Re:** **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-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishment, Orlando International Airport**

---

Consultant's proposal, dated November 13, 2023, is to provide (OAR) services for the construction phase of the above referenced project, which is to assist the GOAA staff in the areas of construction project management, project control, and contract administration.

If approved, these services would be effective the date of Construction Committee Approval.

This continuing consultant was selected for this task based on (☑ all that apply):

☐ Experience ☒ Available Personnel ☒ Current Workload

☐ Expertise ☒ Equitable Distribution ☐ Other:_____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Fund 310-711-210-5660003-000-501388. Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services with The Roderick Group, Inc., dba Ardmore Roderick for the services contained herein and the amount as shown below:

| | |
|---|---|
| Not to Exceed Fees | $10,465.00 |
| Lump Sum Fees | $0.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$10,465.00** |
| AAC – Compliance Review Date | MM 11/30/2023 |
| AAC – Funding Eligibility Review Date | |

**CC**
**ITEM IV-L**
**12/5/2023**

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

## MEMORANDUM

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** 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-01015 Airside 3 Wing 3 Ramp Level Restrooms Refurbishments, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that The Roderick Group, Inc. dba Ardmore Roderick does not propose small business participation on this addendum as the services being provided are for staffing support.

Our analysis indicates that The Roderick Group, Inc. dba Ardmore Roderick is eligible for award of the subject addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

Ardmore Roderick

November 13, 2023

Mr. Scott Shedek
Vice President of Construction
**GREATER ORLANDO AVIATION AUTHORITY**
11314 Terminal C Service Road
Orlando, FL 32824

Subject: **V-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishments**
Orlando International Airport (MCO)

Dear Mr. Shedek,

Ardmore Roderick is pleased to submit this proposal to provide Construction Phase OAR Project Management services for the above referenced project at the Orlando International Airport. This proposal has been prepared based on our understanding of the requested scope of work attached.

The scope of our services for the proposed project will consist of providing assistance to the GOAA staff in the areas of construction project management, project control, and contract administration.

Our estimated man-hour requirements and applicable unit rates for completion of the project are attached to this proposal. The total contract value is estimated at **$10,465.00**. This amount consists of $10,465.00 for Not to Exceed Fees and $0.00 for Not to Exceed Expenses.

The services for this project will be performed in accordance with the provisions of GOAA's standard agreement for professional services and as indicated in the attached project schedule showing the proposed staffing levels for the duration of the project.

We appreciate the opportunity to present this proposal and we look forward to working with GOAA on this most important project. Should you have any questions or if we may be of further assistance, do not hesitate to contact the undersigned.

Sincerely,

Ardmore Roderick

Colin Paterson, CCM
Sr. Project Manager, Aviation

P: 321.430.6710
F: 773.289.0567
www.ArdmoreRoderick.com

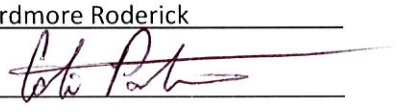
3361 Rouse Road
Suite 140
Orlando, Florida 32817

# TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: Ardmore Roderick

By: 

Print Name: Colin Paterson, CCM

Date: 11/13/23

**Greater Orlando Aviation Authority**
**Orlando International Airport**

**V-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishments** 11/12/2023

**OAR Staffing Estimate**

| Role | Individual | Firm | 2023 2024 | | | | | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | |
| | | | | | | | | | | | | | | | |
| Senior Project Manager | Colin Paterson | Ardmore Roderick | 17 | 36 | 12 | | | | | | | | | | 65 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| **Total Staff Hours** | | | **17** | **36** | **12** | | | | | | | | | | **65** |

**Greater Orlando Aviation Authority**
**Orlando International Airport**

**V-01015 Airside 3 Wing 3 Ramp Level Restroom Refurbishments** 11/12/2023

**OAR Staffing Estimate**

| Role | Individual | Firm | Hourly Rate | Total Hours | Total Fee |
|---|---|---|---|---|---|
| **Staffing:** | | | | | |
| Senior Project Manager | Colin Paterson | Ardmore Roderick | $ 161.00 | 65 | $ 10,465.00 |
| | | | | | |
| | | | | | |
| **Subtotal** | | | | **65** | **$ 10,465.00** |
| **Reimbursable Expenses:** | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| **Subtotal** | | | | | **$ -** |
| | | | | | |
| **Total:** | | | | | **$ 10,465.00** |

**DBE / MWBE / LDB Participation**

| Firm | DBE | MWBE | LDB | Fee | % Participation |
|---|---|---|---|---|---|
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| | | | | | 0% |
| **Total:** | | | | | **0%** |

| Name | Position | Project # | Project Status | Description | 2023 | | 2024 | | | | | | | | | | | | | | | | | | | | | | 2025 | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | |
| **22-034 OAR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colin Paterson | PM | V-00986 | approved | AS4 Delta Club Window Replacement-Design | 36.3 | | | | | | | | | | | | | | | | | | | | | | | | | 36.27 |
| | PM | H-00328 | approved | FY23 AS 3 Ramp Slab Rehabilitation | | | 13 | 20 | 16 | 8 | 14 | 16 | | | | | | | | | | | | | | | | | | 87 |
| | PM | V-00988 | approved | Beachline Warehouse Roof Replacement | | | | 57 | 72 | 40 | 82 | 76 | | | | | | | | | | | | | | | | | | 327 |
| | PM | R-00102 | approved | IT Building Roof Replace | | | 12 | 29 | 29 | | | | | | | | | | | | | | | | | | | | | 70 |
| | PM | R-00103 | approved | West ARFF Roof Replace | | | 11 | 48 | 29 | | | | | | | | | | | | | | | | | | | | | 88 |
| | PM | EP-00373 | approved | A Side Commercial Curb Canopy Hurricane membrane repair | | | | | | 16 | 46 | 42 | | | | | | | | | | | | | | | | | | 104 |
| | PM | V-00997 | approved | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | 12 | 22 | 30 | 24 | 14 | 26 | | | | | | | | | | | | | | | | | | 128 |
| | PM | R-00104 | approved | 17L35R Vault Roof Replace | | | | | | | | | 35 | 38 | 27 | 21 | | | | | | | | | | | | | | 121 |
| | PM | V-01009 | approved | Remodel Purchasing Building | | | | | | | | | 59 | 32 | 18 | | | | | | | | | | | | | | | 109 |
| | PM | V-00992 | approved | Rehabilitation of Structural Steel Commercial Lanes Canopies | | | | | | | | | 74 | 90 | 84 | 89 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 700 |
| | SR PM | V-00992 | pending | PTFE evaluation - Amendment to Addendum 11 | | | | | | | | | | 8 | | | | | | | | | | | | | | | | 8 |
| | SR PM | V-01012 | approved | Airside1 Wing 4 Ramp Level Restroom Refurbishments | | | | | | | | | | 51 | 35 | | | | | | | | | | | | | | | 86 |
| | SR PM | V-01015 | future | AS3 Wing 3 Bathroom refurbish | | | | | | | | | | | 17 | 36 | 12 | | | | | | | | | | | | | 65 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | 36.3 | | 48 | 176 | 176 | 88 | 156 | 160 | 168 | 219 | 181 | 146 | 71 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 1929.27 |
| Tony Odendahl | Sr Insp | H-00328 | approved | FY23 AS 3 Ramp Slab Rehabilitation | | | 30 | 138 | 132 | 126 | 42 | | | | | | | | | | | | | | | | | | | 468 |
| | APM | V-00988 | approved | Beachline Warehouse Roof Replacement | | | | 38 | 44 | 34 | 142 | 160 | 10 | | | | | | | | | | | | | | | | | 428 |
| | APM | R-00102 | approved | IT Building Roof Replace | | | 6 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | APM | R-00103 | approved | West ARFF Roof Replace | | | 6 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Sr Insp | H-00359 | approved | Pond Dredging Program FY23 | | | | 32 | 88 | 84 | 92 | 24 | | | | | | | | | | | | | | | | | | 320 |
| | APM | V-00997 | approved | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | 6 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | APM | R-00104 | approved | 17L35R Vault Roof Replace | | | | | | | | | 10 | 10 | 16 | 16 | | | | | | | | | | | | | | 52 |
| | APM | V-01009 | approved | Remodel Purchasing Building | | | | | | | | | 30 | 26 | 14 | | | | | | | | | | | | | | | 70 |
| | APM | V-00992 | approved | Rehabilitation of Structural Steel Commercial Lanes Canopies | | | | | | | | | 20 | 58 | 63 | 69 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 573 |
| | APM | V-01012 | approved | Airside1 Wing 4 Ramp Level Restroom Refurbishments | | | | | | | | | | 8 | 4 | | | | | | | | | | | | | | | 12 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | 48 | 208 | 264 | 244 | 276 | 184 | 70 | 102 | 97 | 85 | 59 | 42 | 44 | 46 | 40 | 46 | 44 | 42 | | | | | | 1941 |
| Brittany Davis | APM | H-00328 | approved | FY23 AS 3 Ramp Slab Rehabilitation | | | | | | 8 | 16 | | | | | | | | | | | | | | | | | | | 24 |
| | APM | V-00988 | approved | Beachline Warehouse Roof Replacement | | | | | | 56 | 14 | | | | | | | | | | | | | | | | | | | 70 |
| | APM | V-00997 | approved | MCO A-Side Canopy Structural Steel Repair Steel Repair | | | | | | 8 | 16 | | | | | | | | | | | | | | | | | | | 24 |
| | PM | BP-049 | approved | Taxiways ABE4 Rehab | | | | | | | | | | 76 | 29 | 52 | 64 | 42 | 51 | 37 | 6 | | | | | | | | | 357 |
| | PM | BP-00497 | approved | MCO Taxiways G&H-Phase 1 | | | | | | | | | | 144 | 129 | 146 | 146 | 158 | 154 | 141 | 147 | 184 | 176 | 168 | 150 | 13 | | | | 1856 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | 72 | 46 | | | 220 | 158 | 198 | 210 | 200 | 205 | 178 | 153 | 184 | 176 | 168 | 150 | 13 | | | | 2331 |
| Britt Rittman | APM | BP-049 | approved | Taxiways ABE4 Rehab | | | | | | | | | | 72 | 80 | 87 | 80 | 80 | 36 | 8 | | | | | | | | | | 443 |
| | APM | BP-00497 | approved | MCO Taxiways G&H-Phase 1 | | | | | | | | | | | 112 | 113 | 87 | 69 | 66 | 129 | 143 | 184 | 176 | 168 | 100 | 13 | | | | 1360 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | | | | | 72 | 192 | 200 | 167 | 149 | 102 | 137 | 143 | 184 | 176 | 168 | 100 | 13 | | | | 1803 |
| George Rugi | Sr Insp | BP-00497 | approved | MCO Taxiways G&H-Phase 1 | | | | | | | | | | | | 13 | 160 | 168 | 176 | 184 | 160 | 184 | 176 | 168 | 150 | 9 | | | | 1548 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total: | | | | | | | | | | | | 13 | 160 | 168 | 176 | 184 | 160 | 184 | 176 | 168 | 150 | 9 | | | | 1548 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Total OAR Staff Hours** | | | | | **36.3** | | **96** | **384** | **440** | **404** | **478** | **344** | **238** | **613** | **628** | **642** | **667** | **601** | **571** | **591** | **536** | **644** | **616** | **588** | **400** | **35** | | | | **5673.27** |

GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

# Memorandum

**To:** **Members of the Construction Committee**

**From:** **Scott Shedek, Vice President of Construction**
(prepared by Ksenia Merck, OAR)

**Date:** **December 5, 2023**

**Re:** **Request for Approval of an Addendum to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase I Agreement with Burns Engineering Inc. for W-S00151 Terminal C Design and Project Oversight Services for the FIS Pier Mode LEDs Design for the South Terminal C, Phase I Technology and Multi-Media Services (W-S00113) at Orlando International Airport**

---

Consultant's proposal, dated November 22, 2023, is to provide design for the E-S00017 Terminal C FIS Pier Mode Leds and ACS improvements for indicator lights at each International gate (15) at the sterile corridor at Terminal C.

If approved, these services would be effective the date of Construction Committee approval.

Consultant shall, with each monthly invoice, certify that the assigned work and services are on schedule to be completed within the contracted lump sum price, or provide at time of certification a written notice to the Aviation Authority of any deviations.

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved General Airport Revenue Bonds. Funding source verified by VHinds of Construction Finance on 11/29/23 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1 Agreement with Burns Engineering, Inc. for the services contained herein and the amount as shown below:

| | |
|---|---|
| Not to Exceed Fees | $0.00 |
| Lump Sum Fees | $8,634.00 |
| Not to Exceed Expenses | $0.00 |
| **TOTAL** | **$8,634.00** |
| AAC – Compliance Review Date | SJ 11/29/23 |
| AAC – Funding Eligibility Review Date | 11/29/23 |

**CC**
**ITEM IV-M**
**12/5/2023**

GREATER ORLANDO AVIATION AUTHORITY
*Innovation Connecting the World*

**MEMORANDUM**

**TO:** Members of the Construction Committee

**FROM:** Edelis Molina, Manager Small Business Programs

**DATE:** December 05, 2023

**RE:** Request for Approval of an Addendum to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase I Agreement with Burns Engineering, Inc. for W-S00151 Terminal C Design and Project Oversight Services for the FIS Pier Mode LEDs Design for the South Terminal C, Phase I Technology and Multi-Media Services (W-S00113) at Orlando International Airport.

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited and specialized scope of the services to be provided, Burns Engineering, Inc. does not propose small business participation on this addendum.

Our analysis indicates that Burns Engineering, Inc. is eligible for award of the subject addendum.

**Orlando International Airport**
One Jeff Fuqua Boulevard, Orlando, Florida 32827
407-825-2001

Burns BURNS ENGINEERING, INC. | BURNS-GROUP.COM
TWO COMMERCE SQUARE, 2001 MARKET ST, SUITE 600, PHILADELPHIA, PA 19103 | 215 979-7700

November 22, 2023

Mr. Scott Shedeck, P.E.
Vice President of Construction
Greater Orlando Aviation Authority
11314 Terminal C Service Road
Orlando, Florida 32824

**Re: Professional Fee Proposal for:**
**Technology and Multi-Media Specialty Systems Engineer for the South Terminal C, Phase 1 (WS-113), Orlando International Airport – ASC Pier Mode LEDs**

Dear Scott,

Burns Engineering, Inc. (Burns) appreciates the opportunity to submit this proposal for professional design services on the South Terminal C Phase 1 ASC to include Pier Mode LED status at the 15 international gates on the FIS level for the Greater Orlando Aviation Authority (GOAA).

**ASC Pier Mode LEDs**

This proposal includes the Burns Team's fee to develop construction documents to design the addition of the LEDs in the South Terminal into the campus Physical Access Control System (PACS).

**Scope of Work**

Design activities required to document the LEDs into the GOAA PACS:

1. Perform field survey of existing conditions
2. Create construction documents to locate LEDs at 15 gates above the existing card reader on the FIS level.
3. Specify new cabling from each LED to the respective door interface box within new or existing conduit pending field survey.
4. Specify existing PACS control panel wiring to support the additional LEDs and update sequence of operation.

**Professional Fees**

Burns has based this proposal on a Lump Sum Fee, to be billed on a percent complete basis. See the attached C-tables for more detailed information:

ASC Pier Mode LEDs: $8,634.00

Burns
BURNS ENGINEERING, INC. | BURNS-GROUP.COM
TWO COMMERCE SQUARE, 2001 MARKET ST, SUITE 600, PHILADELPHIA, PA 19103 | 215 979-7700

We hope this proposal meets with your approval, and I am available to discuss with you or your staff any aspect of the information contained herein. Burns is committed to serving GOAA with our fullest capabilities. Please do not hesitate to contact me at 215-979-7700 ext. 7725 if you need anything further.

Regards,
**Burns Engineering, Inc.**



Brian Phillips, PE
Vice President, Aviation

2016-093

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
## TABLE C-1
## SUMMARY OF TOTAL CONTRACT VALUE
## ASC Pier Mode LEDs

| Phase of Project: | Preliminary Design | TOTAL CONTRACT |
|---|---|---|
| 1.0 Lump Sum Fee: | $8,634.00 | **$8,634.00** |
| **4.0 TOTAL CONTRACT VALUE:** | **$8,634.00** | **$8,634.00** |
| Total Lump Sum Labor Hours: | 64.00 | **64.00** |
| **TOTAL LABOR HOURS:** | **64.00** | **64.00** |
| **Average Hourly Rate:** | $134.91 | $134.91 |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
## TABLE C-2
## SUMMARY OF LUMP SUM FEES

| Phase of Project: | Preliminary Design | | TOTAL | | |
|---|---|---|---|---|---|
| | labor hours | Total Fee | labor hours | Cost | Avg. Rate |
| **Burns Engineering, Inc.** | | | | | |
| Lump Sum Fee Subtotal Subtotal | 64 | $8,634 | 64 | $8,634.00 | $135 |
| **Total Lump Sum Amount:** | **64** | **$8,634** | **64** | **$8,634.00** | $135 |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
## TABLE C-3
## BREAKDOWN OF LUMP SUM FEES

| Position: | | Sr. Project Manager | | Sr. Engineer | | QA/QC Reviewer | | Project Engineer/Designer | | Sr. CADD Technician | | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rate ($/Hour): | Building | $232.00 | | $172.00 | | $165.00 | | $140.00 | | $88.00 | | | | Avg. Hourly |
| **Burns Engineering, Inc.** | | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | labor hours | Cost | Rate |
| **Preliminary Design** | | | | | | | | | | | | | | |
| Field Survey | LST | 0 | $0 | 0 | $0 | 0 | $0 | 4 | $560 | 0 | $0 | 4 | $560 | $140 |
| Drawings | LST | 2 | $464 | 24 | $4,128 | 2 | $330 | 0 | $0 | 28 | $2,464 | 56 | $7,386 | $132 |
| Specification Update | LST | 0 | $0 | 4 | $688 | 0 | $0 | 0 | $0 | 0 | $0 | 4 | $688 | $172 |
| **TOTAL LUMP SUM FEE:** | | **2** | **$464** | **28** | **$4,816** | **2** | **$330.00** | **4** | **$560** | **28** | **$2,464** | **64** | **$8,634.00** | **$135** |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-7a, C-7b and C-7c
# PARTICIPATION SCHEDULES

## TABLE C-7a DBE PARTICIPATION SCHEDULE

| NAME OF SUBCONSULTANT | ADDRESS | PROPOSED SCOPE OF SERVICES | FEE | PROPOSED PARTICIPATION |
|---|---|---|---|---|
| | | | | |
| | | | | 0 |
| | | | | 0 |
| **TOTAL PROPOSED PARTICIPATION** | | | **$0.00** | 0 |

## TABLE C-7b MWBE PARTICIPATION SCHEDULE

| NAME OF SUBCONSULTANT | ADDRESS | MWBE CLASSIFICATION | PROPOSED SCOPE OF SERVICES | FEE | PROPOSED PARTICIPATION |
|---|---|---|---|---|---|
| ~~Sardi Design, Inc.~~ | 1819 West Avenue, Unit 7, Miami Beach FL 33139 | | ~~Multimedia Content~~ | ~~$0.00~~ | ~~0%~~ |
| **TOTAL PROPOSED PARTICIPATION** | | | | **$0.00** | 0% |

## TABLE C-7c LDB PARTICIPATION SCHEDULE

| NAME OF FIRM | ADDRESS | PROPOSED SCOPE OF SERVICES | FEE | PROPOSED PARTICIPATION |
|---|---|---|---|---|
| **TOTAL PROPOSED PARTICIPATION** | | | **$0.00** | 0% |

# EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
# TABLE C-9
# CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

| FIRM | POSITION | CONTRACT HOURLY RATE |
|---|---|---|
| Burns Engineering, Inc. | Sr. Project Manager | $232.00 |
| Burns Engineering, Inc. | Sr. Engineer | $172.00 |
| Burns Engineering, Inc. | QA/QC Reviewer | $165.00 |
| Burns Engineering, Inc. | Project Engineer/Designer | $140.00 |
| Burns Engineering, Inc. | Sr. CADD Technician | $88.00 |

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Greater Orlando Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Greater Orlando Aviation Authority, whichever is later.

Consultant: Burns Engineering, Inc.

By: 

Print Name: Gregory S. Spence

Date: November 22, 2023

# Information Items

**CC**
**ITEM V**
**12/5/2023**

INFORMATION ITEM
SUPPLEMENTAL
INFORMATION

# Project Controls
# Field Change Order (FCO) Tracking Log

| Project | OAR or PM | FCO No. | Amount | FCO Date | CCM Date FCO Converted to |
|---|---|---|---|---|---|
| BP-S00193 | J. McGonagill | 18 | $ 35,836.26 | 19-May-23 | Open |
| BP-S00193 | J. McGonagill | 19 | $ 6,402.00 | 19-May-23 | Open |
| BP-S00193 | J. McGonagill | 24 | $ 8,711.34 | 18-Aug-23 | Open |
| BP-S00195 | S. Mizell | 04 | $ 50,000.00 | 5-Jun-23 | Open |
| BP-S00195 | S. Mizell | 06 | $ 2,500.00 | 11-Jul-23 | Open |
| BP-S00195 | S. Mizell | 07 | $ 37,800.00 | 14-Jul-23 | Open |
| BP-S00195 | S. Mizell | 08 | $ 10,000.00 | 17-Aug-23 | Open |
| BP-S00195 | S. Mizell | 10 | $ 35,000.00 | 5-Sep-23 | Open |
| BP-S00195 | S. Mizell | 11 | $ 20,000.00 | 5-Sep-23 | Open |
| BP-S00199 | J. McGonagill | 04 | $ 37,434.00 | 19-Oct-23 | Open |
| BP-S00199 | J. McGonagill | 05 | $ 49,628.24 | 20-Nov-23 | Open |