

CONSTRUCTION COMMITTEE MEETING AGENDA

DATE: Tuesday, October 22, 2024

TIME: 9:00 a.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 A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING HORIZONTAL CONSTRUCTION SERVICES AGREEMENT WITH THE MIDDLESEX CORPORATION FOR **H-00379**, RUNWAY AND TAXIWAY SAFETY AREA IMPROVEMENTS, AT THE ORLANDO INTERNATIONAL AIRPORT.
- B. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING CIVIL ENGINEERING SERVICES AGREEMENT WITH AVCON, INC. FOR DESIGN AND BID PHASE SERVICES FOR **H-00382**, MCO RUNWAY 36L IMPROVEMENTS FOR FAA PROPOSED ILS AND ALSF SYSTEMS PROJECT, AT THE ORLANDO INTERNATIONAL AIRPORT.
- C. REQUEST TO RESCIND PRIOR APPROVAL OF AWARD AND REJECT ALL BIDS RECEIVED ON SEPTEMBER 12, 2024, FOR **R-00105**, BUILDING 858 ROOF REPLACEMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.
- D. REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 43 TO THE GENERAL CONSULTING SERVICES AGREEMENT WITH RICONDO & ASSOCIATES, INC. FOR ADDITIONAL PROFESSIONAL CONSULTING SERVICES FOR **W-00489**, NORTH TERMINAL COMPLEX BAGGAGE HANDLING SYSTEM EVALUATION, AT THE ORLANDO INTERNATIONAL AIRPORT.
- E. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES FOR AIRFIELD, ROADWAY, AND HORIZONTAL CONSTRUCTION PROJECTS OAR AGREEMENT WITH LOYAL WINGMAN, LLC. FOR THE CONSTRUCTION OAR PHASE SERVICES FOR **H-00379**, RUNWAY AND TAXIWAY SAFETY AREA IMPROVEMENTS, AT THE ORLANDO INTERNATIONAL AIRPORT.
- F. REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES FOR AIRFIELD, ROADWAY, AND HORIZONTAL CONSTRUCTION PROJECTS OAR AGREEMENT WITH LOYAL WINGMAN, LLC. FOR THE DESIGN AND BID PHASE OAR SERVICES FOR **H-00382**, MCO RUNWAY 36L IMPROVEMENTS FOR FAA PROPOSED ILS AND ALSF SYSTEMS, AT THE ORLANDO INTERNATIONAL AIRPORT.
- G. REQUEST TO RESCIND PRIOR APPROVAL OF AMENDMENT 01 TO ADDENDUM NO. 23 TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH THE RODERICK GROUP, INC., DBA ARDMORE RODERICK FOR CONSTRUCTION PHASE OAR SERVICES FOR **R-00105**, BUILDING 858 ROOF REPLACEMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.
- H. CONTRACTOR FINAL PAYMENT AUTHORIZATION FOR **H-S00027**, TEMPORARY QUICK-TURN-AROUND FACILITY, AT THE ORLANDO INTERNATIONAL AIRPORT.

V. INFORMATION ITEMS

- A. Field Change Order Log
- B. Revised Memorandum and Backup Documentation for Change Order No. BP-S00195-41, for South Terminal C, Phase 1X - Airside Concourse with Hensel Phelps Construction Company, at the Orlando International Airport . [From the Construction Committee on July 2, 2024, Item No. III-A].

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.

CONSTRUCTION COMMITTEE AGENDA

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Any appeals of decisions made by the Construction Committee must be filed with the Chief Executive Officer within five business days, no later than 4:00 p.m. on October 29, 2024. If a bidder or proposer is aggrieved by any of the proceedings of today's meeting and wishes to appeal the results of actions made by this committee, they must file an appeal stating the item they wish to appeal and the basis for which they wish to appeal, and it must be received in writing by the Chief Executive Officer, Mr. Kevin J. Thibault, via email at kevin.thibault@goaa.org, with a copy to yovannie.rodriguez@goaa.org.

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

The next Construction Committee Meeting is scheduled for Tuesday, October 29, 2024, at 9:00 a.m.

CONSTRUCTION COMMITTEE MEETING
CHANGE ORDER AGENDA
Tuesday, October 22, 2024

ITEM	CHANGE ORDER	AMOUNT	TIME IMPACT	DESCRIPTION OF CHANGE
III-A	BP-S00195-54	\$104,415.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS STC, Phase 1X - Airside Concourse Contractor: Hensel Phelps Construction Company
III-B	E-S00015-02	\$29,568.13	0 (Substantial) 0 (Final)	FINAL CHANGE ORDER Terminal C KVAR Pilot Program Contractor: Electric Services, Inc.
III-C	V-01011-14	\$34,006.36	0 (Substantial) 0 (Final)	CONDUIT INSTALLATION Airside 4 60's Wing Renovation (Design/Build) Contractor: Gomez Construction Company
III-D	V-01023-02	\$0.00	0 (Substantial) 0 (Final)	VARIOUS REVISIONS Airsides 2 and 4 COOP Ramps (Design/Build) Contractor: Clancy & Theys Constuction Comapany

CC
ITEM III
10/22/2024



CHANGE ORDER AGENDA FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 54	AMOUNT \$104,415.00	Extension Of Time (Subst.): 0 Days
		Extension Of Time (Final): 0 Days
CONTRACT NO. & DESCRIPTION:	BP- S00195 - SOUTH TERMINAL C, PHASE 1X - Airside Concourse	DATE: 10/22/2024
CONTRACTOR:	Hensel Phelps Construction Company	
A/E:	HNTB Corporation	
DESCRIPTION OF CHANGE TO CONTRACT:		
1. Item: RFI 0488 East Exterior Expansion Joint Drip Flashing - COR 0093 FCO No. 14 Provide all materials, labor and equipment necessary to alter stainless-steel flashing to include a drip edge at the expansion joint at elevation 106'-6" and to install drip edge at the soft expansion joint at elevation 140'-6" per the response to RFI 0488. This item replaces Field Change Order (FCO) No. 14. Add \$22,339.00		
2. Item: RFI 0479.1 Additional Temporary Wall at P1/P1X International Level - COR 0103 FCO No. 20 Provide all materials, labor and equipment necessary to furnish and install cold metal framing and drywall for a temporary wall to separate P1X construction from the CBP Sterile Corridor as described in the response to RFI 0479.1. This item replaces Field Change Order (FCO) No. 20. Add \$5,456.00		
3. Item: RFI 0684 Windows of Orlando Soffit Fireproofing Clash with Exterior Sheathing - COR 0104 Provide all materials, labor and equipment necessary to lower the soffit elevation, 2-1/2 inches, at the "Windows of Orlando" support slab to account for the depth of the fireproofing cover and to remove and re-install lighting fixtures per the response to RFI 0684. Add \$15,258.00		
4. Item: RFI 0654 RLC Wall and Corner Detail - COR 0114 Provide all materials, labor and equipment necessary to install a stainless-steel hat channel flashing and joint sealant between CMU and curtain wall jambs near gridline Y43 on the east and west sides of the building on the Ramp Level per the response to RFI 0654. Add \$6,056.00		

CC
ITEM III-A
10/22/2024



5. Item RFI 0449.1 Alternate PACS Enclosure 3 in 1 Software House Enclosure - COR 0118

Provide all materials, labor and equipment necessary to furnish and install an alternate LifeSafety Power E6S1 Physical Access Control System (PACS) enclosure assembly to combine all components into a singular enclosure in place of the current configuration indicated in the specifications to improve efficiency per the response to RFI 0449.1.

Add \$55,306.00

Total ADD \$104,415.00

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

REASON FOR CHANGE:

- 1. Item: Design Omission:** In P1X-RFI 0488 the design team and PMO confirmed the addition of stainless-steel drip edge flashing on the east side of the building in conformance with Phase 1 existing conditions and P1-RFI 2049.3. This Change Order (COR) addresses FCO No. 014.
- 2. Item: Owner Request:** During the weekly BP-S00195 Gates Job Coordination Meeting, GOAA security requested an additional wall placed at the CBP Sterile Corridor, to separate P1X construction from non-occupiable and inaccessible space in the existing concourse. Correspondence with the design team in RFI 0479.1 confirmed the temporary wall with one (1) single layer of gypsum board and expandable metal mesh between stud and gypsum. This Change Order (COR) addresses FCO No. 020.
- 3. Item: Design Error:** The BP-S00195 Architectural drawing detail C1/A5.11.10 shows the exterior sheathing attached directly to the steel beam which is the support of the "Windows of Orlando" slab, without accounting for depth of fireproofing cover. Correspondence with the design team in RFI 0684 dropped the soffit elevation 2-1/2 inches adding studs with the same dimension.
- 4. Item: Design Omission:** The BP-S00195 Architectural drawing detail C4/A5.11.12 shows the existing joint between CMU and the curtain wall jambs located three (3) feet south of gridline Y43 at the east and west sides of the building on the Ramp Level. The definition for the joint between curtain wall jambs and EWS-01, located on Transfer and International Levels, was not provided in the set of contract drawings. Correspondence with the design team in RFI 0654 approved the definition to create a watertight seal between the curtain wall jamb and the EWS-01 with stainless-steel hat channel flashing and 1" vertical sealant at each side of the jamb on the transfer and international level.
- 5. Item: Design Omission:** The BP-S00195 contract documents specification 28 13 00 - Physical Access Control System (PACS), requires an iSTAR Ultra SE Panel, Altronix Maximal7, and Altronix Power Supply for the PACS panel configuration. During a systems coordination meeting, the security OAR stated the current PACS panel configuration on detail C1/TS5.01.01 seemed to be an inefficient configuration based on the previous phase. In a field coordination walk held on 6/6/2023, it was proposed that an alternate LifeSafety Power E6S1 enclosure assembly could be used to combine all PACS components into a singular enclosure in place of the current configuration indicated in the specifications.

SOURCE OF FUNDS: Line of Credit to be reimbursed by General Airport Revenue Bonds (GARB's),
Passenger Facility Charges (PFC's)

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):	014, 020		(Copy Attached)	
Contractor's Original RCO Submission	\$	104,415.00		
GOAA/OAR Estimate	\$	100,392.00		
(a) Change Contract Amount By		\$	104,415.00	
(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)			\$ 104,415.00	
Is there any potential backcharge to the A/E? Yes ☒ No ☐			Omissions	\$ 8,370.10
			Errors	\$ 15,258.00
PREPARED BY: John Volpe			PHONE: 973-229-8870	
<i>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.</i>				
GOAA's CEF Consultant Anser Advisory	Date Received: 10.10.24	Date Review Completed: 10.14.2024	Initials of Reviewer: VM	Verification of Funding by CF <i>Melvin Martinez</i>

CHANGE ORDER AGENDA FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 02	AMOUNT \$ 29,568.13	Extension Of Time (Subst.): 0 Days Extension Of Time (Final): 0 Days
CONTRACT NO. & DESCRIPTION: E-S00015 – TERMINAL C KVAR PILOT PROGRAM		DATE: 10/22/2024
CONTRACTOR: Electric Services, Inc. (ESI)		
A/E: Matern Professional Engineering, Inc.		
DESCRIPTION OF CHANGE TO CONTRACT: FINAL NEGOTIATED SETTLEMENT CHANGE ORDER Item #1 – Negotiated settlement to provide all final travel, labor, materials, and equipment required for KVAR pilot project and required updates to the SCADA system to actual site connections. Add: \$35,568.13 Item #2 – Reduce the Allowance A - Travel by \$6,000.00 from \$6,000.00 to \$0.00 to cover the subcontractor's travel expenses in Item #01 above and to credit the remaining balance back to the contract. Deduct: (\$6,000.00) <i>(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)</i>		
REASON FOR CHANGE: Item #1 – Owner Request – Negotiated settlement to provide final scope as required. Item #2– Allowance Reconciliation: This item reduces existing allowance of \$6,000.00 to \$0.00.		
SOURCE OF FUNDS: Line of credit to be reimbursed with General Airport Revenue Bonds		
Is above change within the intended scope of the original contract? Yes ☒ No ☐		
EXPLAIN:		
Previously Presented Bulletin(s):	NA	(Copy Attached)
Previously Approved Field Change Order(s):	NA	(Copy Attached)
Contractor's Original RCO Submission	\$	\$63,990.00
GOAA/OAR Estimate	\$	\$35,568.13
(a) Change Contract Amount By		\$ 29,568.13
(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)		\$ 29,568.13
Is there any potential backcharge to the A/E? Yes ☐ No ☒	Omissions	\$ 0.00
	Errors	\$ 0.00
PREPARED BY: Ross Spence		PHONE: Ext - 4159
<i>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.</i>		
GOAA's CEF Consultant ANSER ADVISORY	Date Received: 10/02/2024	Date Review Completed: 10/16/2024 Initials of Reviewer: <i>ZTG</i> Verification of Funding by CF: <i>Melvin Martinez</i>

NOTE: Anser Advisory's review and finding that this Change Order package is in compliance with GOAA Standards includes verification of GOAA Manag acceptance of the OAR's recommendation to approve the negotiated final settlement.

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ITEM III-B

CHANGE ORDER AGENDA FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 14	AMOUNT \$34,006.36	Extension Of Time (Subst.): 0 Days	Extension Of Time (Final): 0 Days
CONTRACT NO. & DESCRIPTION: V-01011 – Airside 4 60's Wing Renovations (D/B)		DATE: 10/22/2024	
CONTRACTOR: Gomez Construction Company			
A/E: N/A			
DESCRIPTION OF CHANGE TO CONTRACT: Provide all labor, equipment, and materials to install additional conduits for speaker/intercom system and added fire alarm devices. Contractor to install five (5) fire alarm pull stations, two smoke detectors, and five speaker strobes. Contractor to provide all engineering, graphics generation, programming, testing, and commissioning. ADD: \$34,006.36 <i>(The language above will be exactly what will appear on the actual Change Order under "Description of Change".)</i>			
REASON FOR CHANGE: Unforeseen Condition – During the development of the design criteria package it was assumed that the existing speaker and fire alarm systems were fully functional. During construction it was discovered that the existing speaker system was no longer routed to a comm room with audio equipment. It was also discovered that the existing fire alarm devices and wiring were obsolete and out of date. Under this project the fire alarm devices and wiring within the limits of the project will be updated and replaced as needed. New conduits for the existing speakers will be routed to the nearest comm room with audio equipment. This change order compensates the contractor for the installation of speakers/intercom and fire alarm conduits including fire alarm devices.			
SOURCE OF FUNDS: Line of Credit to be reimbursed with 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	\$ 34,006.36		
GOAA/OAR Estimate	\$ 39,989.28		
(a) Change Contract Amount By		\$	34,006.36
(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)			\$ 34,006.36
Is there any potential backcharge to the A/E? Yes ☐ No ☒		Omissions	\$ 0.00
		Errors	\$ 0.00
PREPARED BY: Carmen Hernandez			PHONE: X3386
<i>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.</i>			
GOAA's CEF Consultant Anser Advisory	Date Received: 10/08/24	Date Review Completed: 10/16/24	Initials of Reviewer: <i>ML</i> Verification of Funding by CF <i>Melvin Martinez</i>

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ITEM III-C
GOAA Construction Form 004 (Rev. #16, 03/1 10/22/2024)



CHANGE ORDER AGENDA FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 2	AMOUNT	\$0.00	Extension Of Time (Subst.):	0 Days
			Extension Of Time (Final):	0 Days
CONTRACT NO. & DESCRIPTION: V-01023 Airsides 2 and 4 COOP Ramps (D/B)			DATE: 10/22/2024	
CONTRACTOR: Clancy & Theys Construction Company				
A/E: N/A				
DESCRIPTION OF CHANGE TO CONTRACT: Item 1: Provide all design services to relocate an existing fire hydrant at Airside 4, which will be obstructed by the new ramp structure. The hydrant shall be relocated using above grade piping to a new unobstructed location within approximately 60-lineal feet. Location and design will be coordinated with GOAA ARFF. Contractor to ensure hydrant relocation does not constitute a public potable water supply therefore needing a FDEP general permit. Add: \$15,404.13 Item 2: Reduce the Underground Utilities Allowance by \$15,404.13 from \$200,000.00 to \$184,595.87 to cover the cost of item 1 above. Deduct: (\$15,404.13) (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: During design it was discovered that there was an existing fire hydrant that would be obstructed by the new ramp structure. An allowance was created in the project to cover any unforeseen utilities requiring relocation. Item 2: Allowance Reconciliation: This item is to reconcile the added cost in Item 1 against the established Underground Utilities Allowance.				
SOURCE OF FUNDS: Line of credit to be reimbursed with General Airport Revenue Bonds (GARBs)				
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		\$	15,404.13	
GOAA/OAR Estimate		\$	13,544.17	
(a) Change Contract Amount By			\$	0.00
(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)			\$	0.00
Is there any potential backcharge to the A/E? Yes ☐ No ☒			Omissions	\$ 0.00
			Errors	\$ 0.00
PREPARED BY: Carmen Hernandez				PHONE: X3386
<i>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.</i>				
GOAA's CEF Consultant	Anser Advisory	Date Received: 10/01/2024	Date Review Completed: 10/08/2024	Initials of Reviewer: <i>ML</i> Verification of Funding by CF: <i>Melvin Martinez</i>

CC



MEMORANDUM

TO: Members of the Construction Committee

FROM: Jeff Daniels, Assistant Vice President, Facilities

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with The Middlesex Corporation for H-00379 Runway and Taxiway Safety Area Improvements at Orlando International Airport.

BACKGROUND

The Project consists of corrections to taxiway and runway safety area issues related to compliance with FAA Part 139 requirements. Construction may include any pavement, grading, signage, lighting, grassing, or other items identified through collaboration with Facilities and Airfield Operations. The specific location that will be corrected is the grading in the Runway Safety area at the south end of Runway 17R/35L along the eastern edge of the runway beginning at the Runway 35L threshold and continuing approximately 250 LF to the south. The deficient area is approximately 200 LF from east to west and the grade is up to 4' lower than allowed. The Contractor shall strip the existing vegetation to clean soil, bring clean, approved borrow material from off site, bring the site up to grades in accordance with the grading plan provided to meet FAA requirements, compact all fill in this area to 100% of the modified proctor value, then cover the graded area with the previously removed top soil, and finally sod the entire area.

ISSUES

Duration of the project is 60 calendar days for Substantial Completion and 60 calendar days for Final Completion with anticipated Notice to Proceed (NTP) date of 10/28/2024. Liquidated Damages are defined as \$250 per calendar day for late Substantial Completion, and \$100 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: |

SMALL BUSINESS

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

ALTERNATIVES

This project is required to resolve an item from an FAA Compliance Letter. There are no alternatives.

CC
ITEM IV-A
10/22/2024

FISCAL IMPACT

Funding is from previously approved Capital Expenditure funds. Funding source verified by Melvin Martinez of Construction Finance on 10 / 17 / 24 as correct and available.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of \$210,352.63, which includes a Lump Sum amount of \$210,352.63 and allowance(s) totaling the amount of \$0. Including Performance and Payment Bonds in the amount of \$1,046.53.

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).

Lump Sum	\$210,352.63
Allowance(s) (NTE)	\$0.00
TOTAL	\$210,352.63
AAC – Compliance Review Date	<u>ZTA</u> 10/17/2024
AAC – Funding Eligibility Review Date	10/17/2024

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of a Job Order Construction Services Addendum to the Continuing Horizontal Construction Services Agreement with The Middlesex Corporation for H-00379 Runway and Taxiway Safety Area Improvements at Orlando International Airport

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and have determined that The Middlesex Corporation proposes 62% MWBE participation for this job order construction services addendum.



MEMORANDUM

TO: Members of the Construction Committee

FROM: Tuan Nguyen, Assistant Vice President of Engineering

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for Design and Bid Phase Services for H-00382 MCO Runway 36L Improvements for FAA Proposed ILS and ALSF Systems Project at the Orlando International Airport.

BACKGROUND

On March 15th, 2023, the Aviation Authority Board approved an agreement with Avcon, Inc. for Continuing Civil Engineering Services at the Orlando International Airport, Orlando Executive Airport, and Other Facilities operated by the Greater Orlando Aviation Authority.

ISSUES

The consultant's proposal, dated October 16, 2024, is to provide Design and Bid Phase Services for a construction project that includes Touchdown Zone Lights, new signage, new markings, clearing/removing/relocating obstructions, and all other work associated with preparing the work area for the FAA to install the new CAT III ILS and ALSF at runway 36L.

If approved, services will 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: _____ |

SMALL BUSINESS

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

ALTERNATIVES

None.

FISCAL IMPACT

CC
ITEM IV-B
10/22/2024

Funding is from the Line of Credit to be reimbursed by future General Airport Revenue Bonds (GARBS). Funding source verified by Melvin Martinez of Construction Finance on 10 / 17 / 24 as correct and available.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Civil Engineering Services agreement with Avcon, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$239,960.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$9,030.00
TOTAL	\$248,990.00
AAC – Compliance Review Date	<u>S J</u> 10/16/24
AAC – Funding Eligibility Review Date	10/16/24

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Civil Engineering Services Agreement with AVCON, Inc. for Design and Bid Phase Services for H-00382 MCO Runway 36L Improvements for FAA Proposed ILS and ALSF Systems Project at the Orlando International Airport

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that AVCON, Inc. proposes 18% MWBE participation in this addendum.

MEMORANDUM

To: Members of the Construction Committee

From: Scott Shedek, Vice President of Construction

Date: October 22, 2024

Re: Request to Rescind Prior Approval of Award and Reject all Bids received on September 12, 2024 for R-00105 Building 858 Roof Replacement at Orlando International Airport.

The above-referenced project is to provide Supervision, labor, equipment, and materials to remove and replace existing thermal plastic single ply roof membrane and any deteriorated or water damaged coverboard and/or insulation, placement of thermal insulation, a cover board and new multilayered mineral surface modified bitumen roof system and associated flashings. Scope includes but is not limited to new coping, sumps around existing roof drains, raising of existing overflow relief scuppers at both the upper and lower roof.

On September 12, 2024, bids were received from the continuing contractors as follows:

H.A. Contracting Corporation.	Non-Responsive
Collage Design & Construction Group.	Non-Responsive
Clancy & Theys Construction Co.	\$646,878.00
Gomez Construction Company.	\$648,706.00
Lego Construction Company.	\$744,140.00
H.W. Davis Construction, Inc.	\$919,000.00
Mejia International Group Corp.	Did Not Bid
Ovation Construction Company.	Did Not Bid
Latest Reconciled Estimate:	\$590,070.00

Based on bid irregularities, Staff proposed to reject all bids. Staff proposes to re-bid.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee (1) rescind its previous action to recommend award for \$646,878.00; (2) reject all bids received for the Project shown above on October 1, 2024; and (3) direct staff to re-bid the Project as soon as possible.



MEMORANDUM

TO: Members of the Construction Committee

FROM: Brad Friel, Sr. Vice President of Multi-Modal Planning and Environmental

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Amendment to Addendum No. 43 to the General Consulting Services Agreement with Ricondo & Associates, Inc. for additional Professional Consulting Services to W-00489 North Terminal Complex Baggage Handling System Evaluation at Orlando International Airport (MCO).

BACKGROUND

On October 18, 2023, the Aviation Authority approved a study of baggage handling system (BHS) options to replace the Terminal A/B BHS (W-00489). This study was conducted by Ricondo & Associates for a not to exceed fee of \$314,799. Later, on September 18, 2024, the Aviation Authority approved advanced concept planning services for the Terminals A/B BHS system for a not to exceed amount of \$901,811.

ISSUES

Since then, it has been identified that architectural review services will need to be added to the advanced concept planning task for the North Terminal Complex Baggage Handling System Evaluation (W-00489). These subconsultant services associated with W-00489 would include but aren't limited to architecture and building massing and layout, and materials recommendations. The architectural support services would be performed by Zyscovich (C. T. Hsu & Associates LLC). The Not to Exceed (NTE) fee amount for the proposed architectural services is \$79,832.

If approved, services will be effective the date of Construction Committee approval.

This continuing consultant was selected for this task based on:

☒ Experience	☐ Available Personnel	☒ Current Workload
☒ Expertise	☐ Equitable Distribution	☐ Other: _____

SMALL BUSINESS

The Minority and Women Business Enterprise (MWBE), Local Developing Business (LDB) and/or veteran Business Enterprise (VBE) has been reviewed by the Aviation Authority's Small Business Development Department. The findings and recommendation are attached.

ALTERNATIVES

None.

FISCAL IMPACT

Funding is from previously approved Line of Credit (LOC) to be reimbursed by General Airport Revenue Bonds (GARBs). Funding source verified by Melvin Martinez of Construction Finance on 10 / 16 / 24 as correct and available.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee approve an amendment to Addendum No. 43 to the General Consulting Services Agreement with Ricondo & Associates, Inc. for the services contained herein and amount as shown below:

Not to Exceed Fees		\$79,832.00
Lump Sum Fees		\$0.00
Not to Exceed Expenses		\$0.00
TOTAL		\$79,832.00
CRI – Compliance Review Date	<i>JM</i>	10/8/2024
CRI – Funding Eligibility Review Date		10/8/2024

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Amendment to Addendum No. 43 to the General Consulting Services Agreement with Ricondo & Associates, Inc. for additional Professional Consulting Services for W-00489 North Terminal Complex Baggage Handling System Evaluation, Orlando International Airport (MCO).

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited scope of the architectural review services to be added in this amendment to Addendum No. 43, Ricondo & Associates, Inc. does not propose small business participation.



MEMORANDUM

TO: Members of the Construction Committee

FROM: Tuan Nguyen, P.E., Assistant Vice President

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects (OAR) Agreement with Loyal Wingman, LLC. for the Construction Phase Owner Authorized Representative (OAR) Services for H-00379, Runway and Taxiway Safety Area Improvements, Orlando International Airport.

BACKGROUND

Loyal Wingman, LLC. was selected and has been providing the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects (OAR) since 02/28/2024.

ISSUES

The consultant's proposal, dated 10/02/2024, is to complete the OAR Services such as project management and inspection services during the project's pre-construction, construction, and close-out phases for the above referenced project. Refer to the attached proposal for more details. The Project consists of corrections to taxiway and runway safety area issues related to compliance with FAA Part 139 requirements. Construction may include any pavement, grading, signage, lighting, grassing, or other items identified through collaboration with Facilities and Airfield Operations. The specific location that will be corrected is the grading in the Runway Safety area at the south end of Runway 17R/35L along the eastern edge of the runway beginning at the Runway 35L threshold and continuing approximately 250 LF to the south.

If approved, services will be effective on the date of Construction Committee Approval.

SMALL BUSINESS

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

ALTERNATIVES

None.

FISCAL IMPACT

Funding is from previously approved Capital Expenditure Funds. Funding source verified by Melvin Martinez of Construction Finance on 10/17/24 as correct and available.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects (OAR) Agreement with Loyal Wingman, LLC. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$11,068.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$8,320.00
TOTAL	\$19,388.00
AAC – Compliance Review Date	ZTG 10/16/2024
AAC – Funding Eligibility Review Date	10/16/2024

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects Agreement with Loyal Wingman, LLC for the Construction Phase Owner Authorized Representative (OAR) Services for H-00379, Runway and Taxiway Safety Area Improvements, Orlando International Airport

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and have determined that Loyal Wingman, LLC proposes 70% MWBE participation in this addendum.



MEMORANDUM

TO: Members of the Construction Committee

FROM: Tuan Nguyen, P.E., Assistant Vice President

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects (OAR) Agreement with Loyal Wingman, LLC. for the Design and Bid Phase Owner Authorized Representative (OAR) Services for H-00382, MCO Runway 36L Improvements for FAA Proposed ILS and ALSF Systems, Orlando International Airport.

BACKGROUND

On February 21, 2024, the Aviation Authority Board approved Loyal Wingman, LLC for Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects (OAR) services at Orlando International Airport.

ISSUES

The FAA plans to construct an Instrument Landing System (ILS) at RWY 36L at Orlando International Airport. The ILS provides both vertical and lateral guidance information for pilots to allow safe landings to touchdown. To provide for a complete and functional ILS, GOAA will provide some companion infrastructure including touchdown zone lights, new signage, pavement markings, clearing obstructions, and preparing the work area.

The consultant's proposal, dated 9/30/2024, is to provide Design and Bid Phase OAR Services for the referenced project. Refer to the attached proposal for more details. The scope for this project will be to support and manage the design coordination for airport's infrastructure to be installed to in conjunction with the ongoing FAA project.

If approved, services will be effective on the date of Construction Committee Approval.

SMALL BUSINESS

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

This continuing consultant was selected for this task based on (Select all that apply):

- | | | |
|--|---|---|
| ☒ Experience | ☐ Available Personnel | ☐ Current Workload |
| ☒ Expertise | ☐ Equitable Distribution | ☐ Other: _____ |

ALTERNATIVES

None.

FISCAL IMPACT

Funding is from a Line of Credit to be reimbursed by General Airport Revenue Bonds (GARBs). Funding source verified by Melvin Martinez of Construction Finance on 10 / 17 / 24 as correct and available.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects (OAR) Agreement with Loyal Wingman, LLC. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$46,800.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$0.00
TOTAL	\$46,800.00
AAC – Compliance Review Date	<i>S J</i> 10/14/24
AAC – Funding Eligibility Review Date	10/15/24

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: October 22, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Program and Project Management Services for Airfield, Roadway, and Horizontal Construction Projects Agreement with Loyal Wingman, LLC for the Design and Bid Phase Owner Authorized Representative (OAR) Services for H-003382 MCO Runway 36L Improvements for FAA Proposed ILS and ALSF Systems, Orlando International Airport

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and have determined that Loyal Wingman, LLC proposes 56% MWBE participation in this addendum.

MEMORANDUM

TO: Members of the Construction Committee

FROM: Scott Shedek, Vice President of Construction

DATE: October 22, 2024

ITEM DESCRIPTION

Request to Rescind Prior Approval Award of Amendment 01 to Addendum 23 to the Continuing Program and Project Management Services Agreement with The Roderick Group, Inc., dba Ardmore Roderick for Group, Inc., dba Ardmore Roderick for Construction Phase Owner's Authorized Representative Services for R-00105 Building 858 Roof Replacement at Orlando International Airport.

BACKGROUND

On October 1, 2024, the Construction Committee approved Item IV-CC in the NTE amount of \$87,004.00. Due to bid irregularities all bids from the contractors have been rejected and project R-00105 will be re-bid, this approval should be rescinded and approved as denoted below.

RECOMMENDED ACTION

It is respectfully requested that the Construction Committee rescind its previous action to award Amendment 01 to Addendum 23 and issue a new Amendment to Addendum 23 once construction services are approved.

CC
ITEM IV-G
10/22/2024

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: October 22, 2024

ITEM DESCRIPTION

Request to Rescind Prior Approval Award of Amendment 01 to Addendum No. 23 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 R-00105 Building 858 Roof Replacement at Orlando International Airport

SMALL BUSINESS

The subject request does not have any impact on small business participation



MEMORANDUM

TO: Members of the Construction Committee

FROM: Scott Shedek
Vice President of Construction

DATE: October 22, 2024

RE: **CONTRACTOR FINAL PAYMENT AUTHORIZATION**
H-S00027 Temporary Quick-Turn-Around Facility

CONTRACTOR: Valencia Construction Group, Inc.

The **Construction Contract** for the above referenced project has been completed and all issues involving the Contractor have been addressed and resolved. Attached is a copy of the current overall project status.

It is respectfully requested that the Construction Committee authorize final payment to **Valencia Construction Group, Inc.** for **H-S00027, Temporary Quick-Turn-Around Facility**.

SS:kc

Attachment

Information Items

**Project Controls
Field Change Order (FCO) Tracking Log**

Project	FCO No.	Amount	FCO Date	CCM Date FCO Converted to
BP-S00195	04	\$ 50,000.00	5-Jun-23	Open
BP-S00195	06	\$ 2,500.00	11-Jul-23	Open
BP-S00195	10	\$ 35,000.00	5-Sep-23	Open
BP-S00195	13	\$ 48,000.00	11-Feb-24	Open
BP-S00195	15	\$ 18,000.00	1-Apr-24	Open
BP-S00195	16	\$ 10,000.00	1-Apr-24	Open
BP-S00195	18	\$ 32,000.00	24-May-24	Open
BP-S00195	20	\$ 12,000.00	1-Jul-24	Open
BP-S00198	01	\$ 35,508.00	15-Dec-23	Open
E-00275	01	\$ 2,469.79	7-Feb-24	Open
E-00275	02	\$ 28,765.98	25-Mar-24	Open
V-01011	01	\$ 24,672.14	12-Mar-24	Open



CHANGE ORDER AGENDA FOR CONSTRUCTION COMMITTEE

CHANGE ORDER NO. 41	AMOUNT \$78,028.00	Extension Of Time (Subst.): 0 Days
		Extension Of Time (Final): 0 Days
CONTRACT NO. & DESCRIPTION:	BP- S00195 - SOUTH TERMINAL C, PHASE 1X - Airside Concourse	DATE: 07/02/24
CONTRACTOR:	Hensel Phelps Construction Company	
A/E:	HNTB Corporation	
DESCRIPTION OF CHANGE TO CONTRACT:		
 1. Item: RFI 0401 - East Roof Double Bent Plate Decking Interference COR 0069 (R3) FCO No. 12 Provide all labor and equipment necessary to furnish and install additional 18-gauge galvanized metal blocking to extend the metal decking to the exterior edge at the parapet as identified in the RFI 0401 response. This item replaces Field Change Order (FCO) No. 12. Add \$16,541.00		
 2. Item: RFI 0477 – Door Core and Keying Type Changes COR 0073 (R1) Provide all material necessary to furnish Medco door core and keying in lieu of Corbin Russwin for Terminal C, P1X. This cost impact is only for the difference in material costs only associated with RFI 477. Add \$29,259.00		
 3. Item: RFI 0439 - Extension of Ceiling Fixtures to Accommodate Fire Sprinkler COR 0075 (R1) Provide all labor, material and equipment necessary to extend the Transfer Level Hold Room light fixture slot / troughs in Areas 35, 36, 38, and 39 and also update the Building Information Model (BIM) as identified in the response to RFI 0439. Add \$9,313.00		
 4. Item: RFI 0560 – PBP 250 & 251 SIL 15 Condition COR 0091 (R0) FCO No. 16 Provide all labor, material and equipment necessary to provide additional steel angle to associated with RFI 0560. This scope of work is for the BP-S00195 structural steel contractor to fabricate and install an L6x6x3/8x10" long steel angle to clear the existing cap plate and welds along the east elevation of Gates 251 and 252. This COR reconciles Field Change Order No. 016 Add \$4,681.00		

CC
ITEM III-A
7/02/2024



5. Item: RFI 0645 - Pedestrian Boarding Pier Steel Beam Pocket Fire Rating COR 0094 (R0)

Provide all labor, material and equipment necessary to provide additional fireproofing material to exterior exposed conditions at horizontal beams and abandoned sleeves at the ramp level of the Pedestrian Boarding Pier as identified in RFI 0645 response.

Add \$18,234.00

Total Add \$78,028.00

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

REASON FOR CHANGE:

- 1. Item: Design Omission:** The owner provided a structural steel package fabricated during Phase 1 (P1) for the BP-S00195 project. After the project was awarded, the P1 drawings indicated a double bent plate at the east side of the roof which prevented the metal decking from extending to the exterior edge at the parapet, leaving a void that impeded the installation of the roof system. The design team responded in RFI 0401 to install an 18-gauge galvanized metal over the bent plate to fill the void. This COR reconciles FCO No. 012.
- 2. Item: Owner Requested:** The BP-S00195 contract specification 08 71 00-2.12A originally identified Corbin Russwin for permanent door hardware cylinders, cores, and keys. However, during the Keying Conference on 12/07/23, the Owner requested a change to Medco 6-pin master keyed cores campus-wide. This proposal involves the door and hardware contractor replacing 300 Corbin Russwin cores with Medco 6-pin master keyed cores as per the Keying Conference and Submittal package 0234-08 71 00-1 Door Hardware Schedule. The cost impact reflects only the difference in material costs as indicated in the RFI response.
- 3. Item: Design Error:** During trade coordination for the fire suppression system layout on the Transfer Level in the Hold Room Area, it was observed that the light fixture slots/troughs lacked sufficient space for the fire sprinkler heads. In response to RFI 0439, the solution involves extending the light fixture slots/troughs uniformly by 4'-9 1/2" on either side to accommodate the fire sprinkler system in the Transfer Level Hold Room Areas 35, 36, 38, and 39.
- 4. Item: Design Error:** The BP-S00195 contract documents specify the installation of two tube steel support columns at the northeast corner of each gate, detailed in E1/S5.02.11. The detail shows the columns on the north-south gridline, but the east-side column must be reversed. However, due to a foundation step-down of 3-6" at the column baseplate location, and the transfer level beam being 2" south of the east-west gridline, installation as per the drawings is not feasible. A sketch addressing the offset columns was provided in response to RFI 0560 requiring the structural steel contractor to fabricate and install an L6x6x3/8x10" steel angle to clear the existing cap plate and welds along the east elevation of Gates 251 and 252. This COR reconciles FCO No. 16
- 5. Item: Design Omission:** The BP-S00195 contract documents require addressing gaps at each Pedestrian Boarding Pier (PBP) where four horizontal beams intersect the existing cast-in-place (CIP) wall, preventing it from achieving a 2-hour fire rating. Additionally, three abandoned sleeves from the previous phase must be filled to meet this rating. In RFI 0645, the design team approved the contractor's proposal to apply up to 2-5/8" of MONOKOTE® MK-10 fireproofing material to maintain the fire-rated integrity of the CIP wall.

SOURCE OF FUNDS: General Airport Revenue Bonds (GARB's), Passenger Facility Changes (PFC's)			
Is above change within the intended scope of the original contract? Yes ☒ No ☐			
EXPLAIN:			
Previously Presented Bulletin(s):		(Copy Attached)	
Previously Approved Field Change Order(s):	Field Change Order No. 012 & 016	(Copy Attached)	
Contractor's Original RCO Submission	\$ 78,028.00		
GOAA/OAR Estimate	\$ 76,387.00		
(a) Change Contract Amount By		\$ 78,028.00	
(b) Amount of Associated Additional A/E Fees	(Not for Approval / For Info. Only)	\$	
(c) Amount of Associated Additional OAR Fees	(Not for Approval / For Info. Only)	\$	
(d) Total Cost Impact of this Change (d = a + b + c)		\$	78,028.00
Is there any potential backcharge to the A/E? Yes ☒ No ☐		Omissions	\$ 3,477.00
		Errors	\$ 13,994.00
PREPARED BY: John Volpe		PHONE: 407-825-7838	
<i>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.</i>			
GOAA's CEF Consultant Anser Advisory	Date Received: 6/19/24	Date Review Completed: 6/26/24	Initials of Reviewer: LQ Verification of Funding by CF <i>Melvin Martinez</i>



GREATER ORLANDO AVIATION AUTHORITY

FIELD CHANGE ORDER REQUEST

FIELD CHANGE ORDER NO.: 16		REQUEST DATE: 4/1/24	
PROJECT NO. & DESCRIPTION: BP-S00195, SOUTH TERMINAL C, PHASE 1X-Airside Concourse			
CONTRACTOR: HENSEL PHELPS CONSTRUCTION CO. dba HENSEL PHELPS CONSTRUCTION		A/E: HNTB Corporation	
PM/OAR: John Volpe		PHONE: 407-825-7838	
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: This scope of work is for the BP-S00195 structural steel contractor to fabricate and install an L6x6x3/8x10" long steel angle to clear the existing cap plate and welds.			
TOTAL COST: \$10,000.00		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): RFI 0560 PBP 250 & 251 SIL 15 Condition			
CONTRACTOR'S ACCEPTANCE: SIGNATURE & DATE: <u>Shaun Gentry</u> Digitally signed by Shaun Gentry DN: G=US, E=s.gentry@henselphelps.com, O=Hensel Phelps, OU=Construction Group, CN=Shaun Gentry Date: 2024.04.02 11:53:50-04'00' PRINTED NAME: <u>Shaun Gentry</u>			
CONTINGENCY CONFIRMATION: CONTINGENCY IS AVAILABLE WITHIN THE PROJECT TO COVER THIS COST: INITIALS: <u>JA</u> DATE: <u>Apr 4, 2024</u>			
APPROVAL TO PROCEED: SIGNATURE & DATE: <u>Scott Shedek</u> <u>Apr 5, 2024</u> GOAA CONSTRUCTION COMMITTEE CHAIR			
ELIGIBILITY: <u>Johanna Arriaga</u> <u>BPS00195 FCO ...</u> CFOC REQUIRED: No			
INTERNAL FUNDING REVIEW: SIGNATURE & DATE: <u>Melvin Martinez</u> <u>Apr 8, 2024</u> GOAA FINANCE			



FIELD CHANGE ORDER JUSTIFICATION

FIELD CHANGE ORDER NO.: 16

PROJECT NO. & DESCRIPTION: BP-S00195, SOUTH TERMINAL C, PHASE 1X-Airside Concourse

SPECIFIC REASON FOR FIELD CHANGE ORDER / URGENCY JUSTIFICATION:

This scope of work is impacting other scopes of work that include but are not limited to fireproofing and exterior wall systems. This work needs to be completed prior to the completion of the exterior sheeting scheduled for completing mid-April 2024 and the subsequent activities framing scope to continue without impacting the schedule with other trade contractors. Issuance as an FCO will defer incursion of additional costs for re-mobilization and equipment rental

CAUSE(S):

The structural drawings detail a tube steel support column for the NE corner of Gates 251 and 252, with two support columns needed for each gate. The detail specifies the placement of the column relative to existing structures, with one column being a mirror image of the other. However, due to a concrete foundation step-down and the position of the transfer level beam, the placement of the support column and beam cannot be adjusted beyond certain limits. Specifically, the column must be installed within 3" of the corner of the existing shear wall, and the steel beam cannot be moved more than 2" northward.

IMPACTS OF CHANGE ORDER (COSTS/TIME):

The estimated cost for these services is \$10,000.00 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(S):

ATTACHMENT(S):

Guidelines for Completing the Field Change Order Justification Form:

- **Specific Reason for Field Change Order / Urgency Justification:** Include what the documents contain in the as-bid condition with specific reference to drawing number, section, plan view or detail and/or specification section versus the changed plan or specification. Also include who initiated Field Change Order. Indicate why the revision cannot be processed as a normal Change Order, i.e., why is this an urgent issue.
- **Causes:** Specify whether a differing site condition, design error or omission (specify which and don't be bashful), weather, constructability problem, better solution to a design issue, substitution, value engineering, etc.
- **Impacts of Change Order:** Include time impacts, life of product constructed, if any, and whether other impacts will occur (i.e., domino theory). Identify any extra costs anticipated for added tests, inspections or designs (Engineering will help on design).
- **Record of Negotiations / Justifications for Abnormal Costs:** Reference a separate document as an attachment. Document should be signed by GOAA or OAR and Contractor.
- **Funding Source:** Specify the funding for this change; it will typically be project funded.
- **Attachments:** Include a proposal/estimate from the contractor, as well as, any supporting documentation needed to substantiate the cost and urgency of the FCO.



JOBSITE OFFICE
11362 Terminal C Service Road
Orlando, FL 32824
407-825-1573

March 21, 2024

John Volpe
Sr. Project Manager
Jacobs | Aviation
GOAA - OAR
11064 Canal Rd
Orlando, FL 32824

CORF00015-R0 FCO 016

Subject: OIA - STC Phase 1 Expansion ~~CORF00018 R0 FCO 018~~ RFI 0560 PBP 250 & 251 SIL 15 Condition

Dear John:

FCO 16

Per the Prime Contract Agreement dated November 04, 2022, Hensel Phelps (HP) hereby submits Change Order Request (COR) ~~F0018~~ for subcontractor modification to the Greater Orlando Aviation Authority for the following added work:

➤ **RFI 0560 PBP 250 & 251 SIL 15 Condition**

Hensel Phelps has reviewed the scope of work and has verified that all added work items comply with the contract agreement. Below please find a breakdown of the following added work:

Item #	Description	Contract #	Amount
0001	Hensel Phelps Construction Company	BP-S00195	\$10,000.00

Total Proposed ROM Amount \$10,000.00
Total Proposed Calendar Days 0

The BP-S00195 contract documents structural drawings detail E1/S5.02.11 depicts a tube steel support column detail for the NE corner of Gates 251 and 252. There are two support columns required at the plan NE corner of each gate. This detail shows the plan north elevation view and shows the transfer level beam centered on the column. The support column is to be installed 3" from the corner of the existing shear wall placing it on the north-south gridline. The column at the plan east side of the corner would be the opposite hand of how the detail is shown in the drawings. However, at the plan east elevation, the concrete foundation step-down is 3-6" at the column baseplate location and the transfer level beam is 2" south of the east-west gridline. Due to the change in elevation of the foundation, the anchor bolts and column could not be installed further than 3" from the corner of the shear wall and the steel beam cannot be installed 2" further north. This condition was communicated to the PMO inspection team in November of 2023 for follow-up with the EOR when these supports were being installed per contract documents.

During a site observation visit performed by the EOR on 01/23/2024, this condition was noted and an SIL was issued. On February 7, 2024, the attached sketch (depicted opposite hand) was forwarded to Hensel Phelps by the design team to address the condition for the offset columns at the east elevations. Corresponding with the design team in RFI 0560 that the sketch received on February 07, 2024, is the Engineer of Records intent.