

GOAA DATE 4/20/2022
ITEM NO. 6.E
DOCUMENTARY # 101348

**ADDENDUM NO. 40 TO AGREEMENT
DATED DECEMBER 10, 2015, BETWEEN
THE GREATER ORLANDO AVIATION AUTHORITY
AND HNTB CORPORATION**

Project: 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, Orlando International Airport

THIS ADDENDUM is effective as of this 20th day of April, 2022, by and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Authority") and **HNTB CORPORATION** ("Consultant").

WITNESSETH

WHEREAS, by Agreement dated December 10, 2015, Authority and Consultant entered into an Agreement for Consultant to provide Architect of Record for the South Terminal C, Phase I services; and

WHEREAS, under the Agreement, Consultant agreed to perform such additional professional services for Authority as are contained in any additional scope of work established by Authority in any Addendum to the Agreement and accepted in writing by Consultant; and

WHEREAS, Authority and Consultant desire to enter into this Addendum to the Agreement to provide for additional services to be rendered by Consultant under the terms of said Agreement.

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained, Authority and Consultant do hereby agree as follows:

1. Consultant shall perform additional services in accordance with the terms of the Agreement and the attached Exhibit "A." Consultant shall be paid for such additional services according to the payment terms set forth in the Agreement.

2. Consultant shall be compensated for such additional services in the **LUMP SUM amount of SEVEN HUNDRED THIRTY-FIVE THOUSAND EIGHTY-EIGHT AND NO/100 DOLLARS (\$735,088.00)**, broken down as follows:

Professional Fees:	NTE:	\$0.00
Professional Fees:	LS:	\$735,088.00
Reimbursable Expenses:	NTE:	<u>\$0.00</u>
Total:		\$735,088.00

3. A. Consultant hereby certifies that it is not on the Scrutinized Companies that Boycott Israel List and is not engaged in a boycott of Israel, as defined in Florida Statutes § 287.135, as amended;

AND

B. (applicable to agreements that may be \$1,000,000 or more) - Consultant hereby certifies that it is: (1) not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as defined in Florida Statutes § 287.135; and (2) not engaged in business operations in Cuba or Syria, as defined in Florida Statutes § 287.135, as amended.


4. Authority may terminate the Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.

In the event the Agreement is for One Million Dollars (\$1,000,000.00) or more, Authority may terminate this Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.


5. Except as expressly modified in this Addendum, the Agreement dated December 10, 2015 and all prior addenda will remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Addendum No. 40 this 20 day of April, 2022.

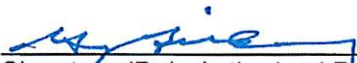
GREATER ORLANDO AVIATION AUTHORITY

By: 

Kevin J. Thibault, P.E.
Chief Executive Officer

Approved as to Form and Legality
(for the benefit of GOAA only)
this 20 day of April, 2022
By: 
**NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority**

HNTB CORPORATION

By: 

Signature (Duly Authorized Rep.)
George M. Gilhooley

Printed Name
Sr. Vice President

Title



Memorandum

To: Members of the Construction Committee

From: Davin Ruohomaki, Senior Director of Engineering & Construction
(Prepared by Christina Taylor, GCI)

Date: April 5, 2022

Re: Request for Recommendation of Approval of an Addendum 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

Consultant's proposal, dated March 25, 2022, is to provide design, bid & award services required for the previously deferred STC Airfield Civil P1X Apron & Taxiway Restart as furthered described in Consultant's proposal.

If approved, these services would be effective the date of Aviation Authority Board 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 General Airport Revenue Bonds and Passenger Facility Charges to the extent eligible. Funding source verified by **Not signed by CF due to Subject to CFOC 4/5/22** of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for the services contained herein and amount as shown below:

Not to Exceed Fees	\$0.00
Lump Sum Fees	\$735,088.00
Not to Exceed Expenses	\$0.00
TOTAL	\$735,088.00
AAC – Compliance Review Date	JSS 3/30/22
AAC – Funding Eligibility Review Date	3/30/22



March 25, 2022

Mr. Davin Ruohomaki, MBA, CGC
Senior Director, Engineering and Construction
Greater Orlando Aviation Authority
Orlando International Airport
One Jeff Fuqua Blvd.
Orlando, FL 32827-4399

Re: WS-110 South Terminal C - Phase 1 (STC P1), Architect of Record
Proposal for Design Services for: **Completion of Design and Bid/Award Services for Deferred
STC Airfield Civil PIX Apron & Taxiway Restart**

Dear Mr. Ruohomaki:

As you requested, HNTB Corporation ("HNTB") is submitting this proposal for the completion of design services associated with the previously deferred apron and taxiway for the Airfield Civil (AFC). This proposal covers the scope of work for the design of 100% Bid Documents and to provide bid and award services. A separate proposal will be submitted at the appropriate time for the construction phase services associated with this work.

SCOPE OF WORK:

The scope is further defined in the attached scopes of work for each design firm, which form the basis for the design lump sum fee as requested.

SCHEDULE:

Following NTP on ~~or before~~ April 20, 2022, the 100% set of Construction Bid Documents will be submitted on or about June 24, 2022. It is assumed that the Bid and Award Period will include a bid advertisement on or about June 26, 2022 and will be completed with the contractor's contract execution by December 2, 2022.

The proposed lump sum design fees and DBE participation for the team are summarized in the following table. We recognize that the DBE participation is the only one being applied to the federally funded projects. However, a second table is also included to show the additional firms who will be working on this project who are MWBE firms (but not DBE certified) to allow the Authority to continue to track the key involvement of both our DBE and our MWBE partners. Thus, the MWBE portion is for GOAA Small Business information only.

GOAA South Terminal C Phase 1			
Completion of Design and Bid/Award Services for Deferred STC Airfield Civil P1X Apron & Taxiway Restart			
3/25/2022			
Firm	DBE	Lump Sum Design Fee	Role
HNTB Corporation		\$ 60,610	Prime Consultant; Architect of Record
Montgomery Consulting Group	37.9%	\$ 36,936	Cost Estimating
Subtotal	37.9%	\$ 97,546	
Kimley-Horn		\$ 326,242	Civil/Airfield Design Support
Avcon, Inc.		\$ 196,844	Airfield Electrical Support
TY Lin International		\$ 93,968	Aircraft Fueling Support
Subtotal	0.0%	\$ 617,054	
Matern		\$ 20,488	Electrical Design Support
Subtotal	0.0%	\$ 20,488	
Total Lump Sum Fee		\$ 735,088	
Total NTE Fee		\$ -	
Total Contract		\$ 735,088	
DBE	5.0%	\$ 36,936	

We trust this proposal is consistent with your understanding. Please let me know if you would like to discuss any of the elements. We look forward to receiving your approval and NTP immediately following the Aviation Authority Board meeting on April 20th to allow the team to meet this schedule.

Sincerely,
HNTB Corporation



William G. Brooks, PE
Senior Program Director

Cc: Mark Birkebak, Director of Engineering, Greater Orlando Aviation Authority
Kathy Anderson, Manager, Contracts and Grants, Greater Orlando Aviation Authority
George Gilhooley, PE, Project Principal, HNTB
J.C. Arteaga, AIA, LEED AP, Architect of Record, HNTB

Attachments: DBE/MWBE Summary Table
Scope of Services Documents
Fee Tables
Truth in Negotiation Certification

DBE/MWBE Summary

GOAA South Terminal C Phase 1				
Completion of Design and Bid/Award Services for Deferred STC Airfield Civil P1X Apron & Taxiway Restart				
3/25/2022				
Firm	DBE	MWBE	Lump Sum Design Fee	Role
HNTB Corporation			\$ 60,610	Prime Consultant; Architect of Record
Montgomery Consulting Group	37.9%		\$ 36,936	Cost Estimating
Subtotal	37.9%		\$ 97,546	
Kimley-Horn			\$ 326,242	Civil/Airfield Design Support
Avcon, Inc.		31.9%	\$ 196,844	Airfield Electrical Support
TY Lin International			\$ 93,968	Aircraft Fueling Support
Subtotal	0.0%	31.9%	\$ 617,054	
Matern			\$ 20,488	Electrical Design Support
Subtotal	0.0%	0.0%	\$ 20,488	
Total Lump Sum Fee			\$ 735,088	
Total NTE Fee			\$ -	
Total Contract			\$ 735,088	
DBE	5.0%		\$ 36,936	
MWBE		26.8%	\$ 196,844	

EXHIBIT A
DESIGNER'S SCOPE OF SERVICES

Greater Orlando Aviation Authority

**Completion of Design and Bid/Award Services for Deferred STC Airfield Civil P1X
Apron & Taxiway Restart**

HNTB Corporation - Scope of Services

- PM leading Design Team Kick Off Meeting to confirm overall project scope for the apron and taxiways for AFC.
- Participate in consultant team weekly meetings to discuss coordination issues and milestone progress as required to meet deliverable dates.
- Perform QA/QC reviews of all disciplines deliverables as required.
- Coordination of bid documents and addenda and distribution to potential bidders.
- Coordination of all permitting review comments/responses.

<p style="text-align: center;">EXHIBIT A SUB-DESIGNER'S SCOPE OF SERVICES</p>

Greater Orlando Aviation Authority

**Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil
(AFC) Apron Project Restart**

Montgomery Consulting Group - Scope of Services Standalone Package

STC P1X Apron Completion- completion of the apron expansion south of the current Phase 1 work. Will include the RON parking area which will be served by power, water, and data for remote aircraft parking. Also includes all fuel, lighting, high mast lighting, marking, terminal service road extensions onto the apron, drainage improvements, etc.

Specifically, Montgomery Consulting Group, Inc. will provide cost estimating of 100% documents for this project.

EXHIBIT A SUB-DESIGNER'S SCOPE OF SERVICES



Greater Orlando Aviation Authority

Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart

Kimley Horn and Associates - Scope of Services

Purpose: This document covers the Scope of Work Required for the Airfield Civil Design of the P1X Deferral Reinstatement - Site Civil Design.

General Project Description

The PROJECT can be generally described as site civil design for reinstatement of previous deferral of the Phase 1 Expansion (P1X) for the South Terminal Complex (STC), Terminal C, Phase I, Orlando International Airport (see attached Exhibits 1 and 2 for the Project deferral demarcation limits). This project will entail additional updates to the project drawings to revise the drawing files and interface requirements between the completed Phase 1 work area and the completion of the Phase 1X work limits as represented in the original design for the apron and taxiway system, utility modifications, and secure road system to reinstate P1X work areas back into the overall project. The overall project requirements are anticipated to be the following:

- Update and repackage drawings and specifications for a stand-alone set of construction documents to be issued by GOAA for a Design, Bid and Build (DBB) procurement process.
- Meet with Prime Consultant, Owner's Authorized Representative (OAR) and CMAR to establish the limits of work that have been constructed to date;
- Coordinate with Prime Consultant, OAR and CMAR to finalize the reinstatement limit of the deferred P1X work;
- Collaborate with Prime Consultant and OAR regarding design preparation to align with the construction schedule to the extent feasible;
- Re-establish revised apron and taxiway limits;
- Prepare revisions to the AFC design and plans that reflect the changes associated with the

reinstatement of the deferred construction work. The following design elements are anticipated to require revisions:

- Technical Specifications – Develop new technical specifications to comply with the FAA's AC 150/5370-H – Standards for Construction of Airports
- General Contract Provisions – Coordinate with HNTB and GOAA to assist in preparing the FAA's General Provisions (Sections 10 through 90)
- Site grading – Update site grading to reflect reinstatement of P1X
- Taxiway Geometry – Update geometry plans to reflect reinstatement of P1X
- Fuel lines – Redesign southern fuel piping system to coordinate with the Fuel Consortium's looped system (See Exhibit 3 for proposed layout)
 - Provide fuel system mechanical and electrical engineering services for reinstatement of the deferred Phase 1X hydrant fuel system.
 - Remove segment of AFC piping profiles and replace with the consortium's piping profiles for the southern P1X piping loop.
 - Design hydrant pits to be connected to the southern P1X Consortium pipe.
 - Add the new return piping shown on the Exhibit 3 to complete the consortium loop.
 - Update applicable flow diagrams and other drawings to remove the deletions that were performed as part of the P1X Deferral SOW.
 - Reinstate EFSO system in building, see note 1 on Exhibit 3.
 - Extend the 12"/16" pipe and ducts from BV-10 to southern limit of work, see note 2 on Exhibit 3.
 - Add second 12"/16" pipe and ducts from BV-10 to southern limit of work and connect to E-W loop pipe. This forms loop, see note 3 on Exhibit 3.
 - Extend the twin 14"/18" pipes, southern limit of work.
- PCC Jointing – Update joint layout and pavement slab details for reinstatement of P1X, Fuel Consortium's fuel loop, and coordinate with redesign of fuel system
- Utilities – Update utility plans to show design of South Remain Overnight water loop and reflect the reinstatement of P1X and the revised fuel system layout.
- Storm water collection and drainage systems:
 - Update storm system to reflect reinstatement of P1X and revised fuel system
- AOA fence – Update perimeter security fence to coordinate with reinstatement of P1X and temporarily isolate deferral reinstatement construction area from Airfield Operations Area

to the extent feasible.

- Structures – Update drainage structures tables for the reinstatement of P1X
 - Taxiway lighting– update taxiway lighting layout sheets, fixture numbering and circuits to reflect the reinstatement of P1X.
 - Taxiway signage – update signage to reflect the reinstatement of P1X.
 - Airfield Pavement Markings – Update apron pavement markings to reflect the reinstatement of P1X
- Prepare quantity take-off and bid form for Phase 1X DBB contract.
 - Prepare 100% final construction documents for submittal to City Permitting (as required), including responses to review comments from City Permitting agencies (the scope does not include additional or supplemental building comments).
 - Prepare Construction Safety Phasing Plan (CSPP) for the P1X Project.
 - Prepare Summary Engineer’s Basis of Design document for the P1X Project.
 - Attend twelve (12) weekly coordination meetings.
 - Provide updated SFWMD permit submittal and provide agency coordination (as required).
 - Provide updated FDEP permit submittal and provide agency coordination (as required).
 - Provide updated GOAA Horizontal permit submittal and provide agency coordination (as required).
 - Provide support for final coordination and approvals of the work elements for issuance as a stand-alone DBB package.

2. OVERVIEW OF PROFESSIONAL SERVICES

In general, professional services to be performed under this assignment include:

- Preparation of draft design submittal for HNTB review and final construction documents for Design, Bid, Build Construction Documents for the reinstatement of the deferred work; and
- Final Coordination and Design development of reinstated design and construction plans.

To expedite this design update, we anticipate issuing a single issuance of final 100% Construction Documents.

A separate TRT review and comment period is not included in this Scope of Work.

~~Due to the everchanging circumstances surrounding the COVID-19 Virus, situations may arise during the performance of this Agreement that affect availability of resources and staff of Kimley-Horn, the client, other consultants, and public agencies. There could be changes in anticipated delivery times, jurisdictional approvals, and project costs. Kimley-Horn will exercise reasonable efforts to overcome the challenges presented by current circumstances, but Kimley-Horn will not be liable to Client for any delays, expenses, losses, or damages of any kind arising out of the impact of the COVID-19 Virus.~~

I. 100% CONSTRUCTION DOCUMENTS SUBMITTAL

- a. Attend kickoff coordination meeting with HNTB and GOAA management team to review overall scope, final planning optimization, budget and schedule for the work;
- b. Walk the site with HNTB and OAR to review and document current existing conditions;
- c. Collect and compile Contractor records of recently completed STC Phase 1 and Phase 1X Site Civil construction;
- d. Compile contractor supplied field drawings from relevant projects being constructed in the area (i.e. Fuel Consortium's Fuel loop, Landside Civil), including all Phase 1 and 1X work and other relevant design files;
- e. Update modifications to SFWMD permit application;
- f. Complete the final construction documents for GOAA's issuance via the Contractor Bidding procurement process;
- g. Prepare final Summary Engineer's Basis of Design document;
- h. Prepare Request for Clarification (RFC) responses as appropriate to interpret or clarify the final Construction Documents during contractor pricing of work.

3. CONSTRUCTION ADMINISTRATION PHASE SERVICES

NOT INCLUDED IN THIS PROPOSAL

4. SPECIAL SERVICES

No Special or Additional Services are currently anticipated to be required to perform this project work.

5. ADDITIONAL SERVICES

When required by HNTB, KHA shall furnish or obtain from others, as circumstances may require, additional services of the types listed above. These services are not included as part of Basic or Special Services. KHA shall advise HNTB promptly prior to starting any such Special or Additional Services which will be paid for in accordance with the Task Order or Supplement thereto.

BASIC ASSUMPTIONS

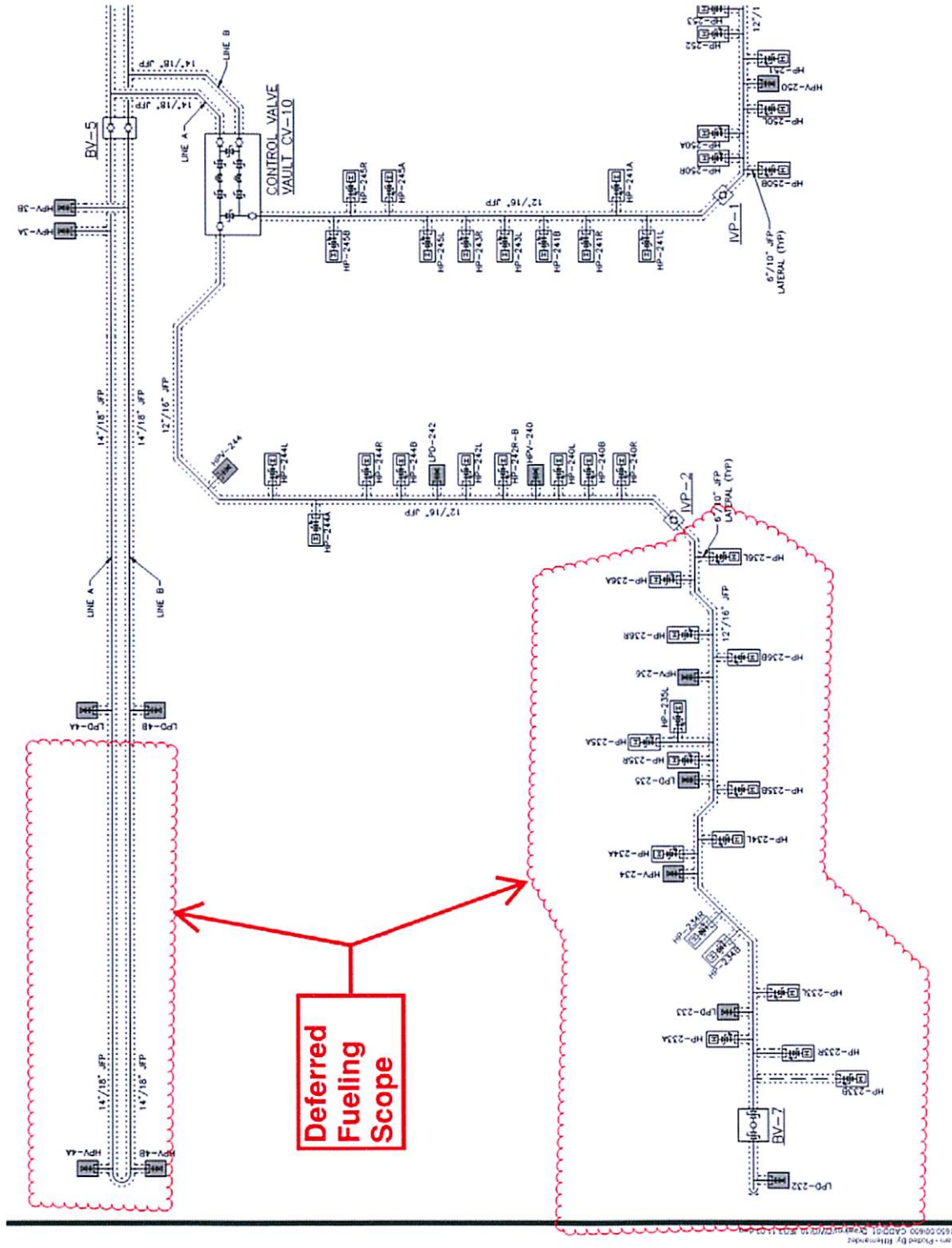
The following is a list of assumptions, which forms the basis of this cost proposal for providing the services for the PROJECT:

- a. HNTB will provide aerial survey and mapping of the existing conditions and tie-in points for the AFC team to utilize as existing conditions for the basis of the updated design. The AFC design team will not be responsible for securing any additional survey information that may be required to finalize the reinstatement design.
- b. The Phase 1 CMAR issued As-built plans will be used as supplemental information of existing conditions;
- c. Additional geotechnical information will not be performed for this project work. The original geotechnical investigations obtained for P1X will be utilized as a basis for the project work.
- d. Gate 240 MARS gate modifications do not affect the remaining Phase 1X hydrant fuel system design;
- e. All design plans will be developed using AutoCAD Civil 3D, including x, y, and z references compatible with the STC 3D BIM model requirements;
- f. All construction drawings will be 30" x 42" and will be created in AutoCAD and ADOBE PDF format.
- g. Reports, and other word processing letters/memorandums/reports, etc. shall be created in Microsoft Word;
- h. The 100% construction documents will be provided electronically for GOAA's issuance for bidding.
- i. Record drawings will be prepared under construction phase services.
- j. Topographical survey is being provided by others.
- k. Form FAA 7460 Airspace Analysis will be provided by others if required.
- l. Items not specifically included in this proposal are not included.

- m. Compensation will be a lump sum fee as described in the attached 'Fee Table'.

END OF SUB-DESIGNER'S (KIMLEY-HORN) SCOPE OF SERVICES

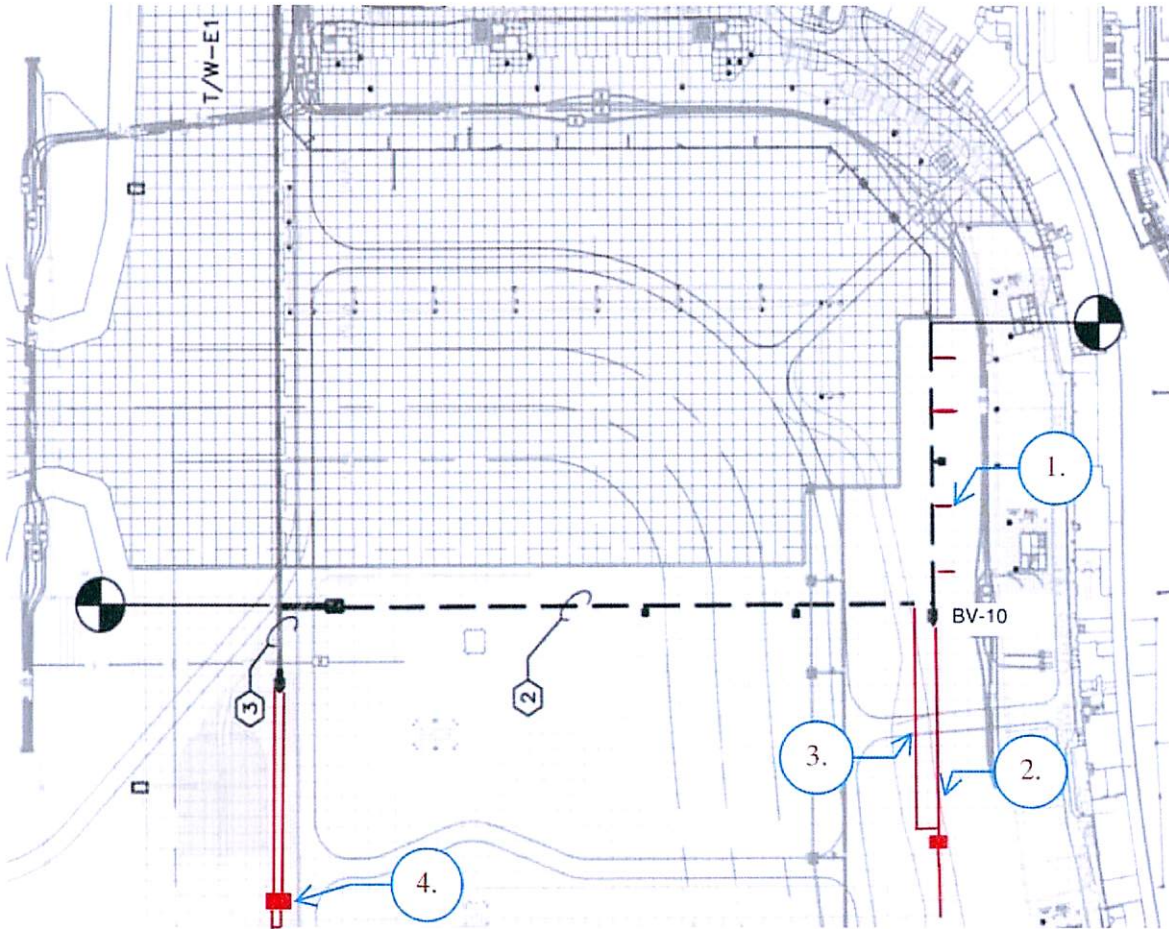
Exhibit 2



**Deferred
Fueling
Scope**

Exhibit 3

SOW TO REINSTATE
DEFERRAL SOW FOR
FUEL SYSTEM



1. Delete TYLI piping profile and add consortium profile. Add hydrant pits to 12"/16" consortium pipe now being installed running N-S. Reinstate EFSSO system in building and show EFSSO stations.
2. Extended 12"/16" pipe and duct banks south from BV-10 with new hydrant pits and reinstate EFSSO system.
3. Add second pipe 12"/16" pipe running N-S back to E-W pipe to form loop. This allows use of E-W pipe for loop now under construction.
4. Extend Twin 14"/18" and duct bank and loop at end.

<p style="text-align: center;">EXHIBIT A SUB-DESIGNER'S SCOPE OF SERVICES</p>

Greater Orlando Aviation Authority

**Completion of Design and Bid/Award Services for Deferred STC Airfield Civil P1X
Apron & Taxiway Restart**

Matern Professional Engineering - Scope of Services

Scope

- Update the South Terminal utility one-line diagram to reflect the circuits which have been installed by OUC.
- Review the new transformers for the Airside P1X and RON to determine circuit changes required.
- Issue direction for utilities to Civil Team.
- Update STC Overall Circuit Diagram to reflect these revisions.

END OF SUB-DESIGNER'S SCOPE OF SERVICES

Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart

Scope	Firm	GOAA-Approved - Job Classification	Hours	LUMP SUM		
				GOAA Approved Bill Rate	Fees	Avg Rate
1 Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	HNTB Corporation	Sr. Project Manager	290.00	\$209.00	\$60,610.00	\$209.00
Sub-Total			290.00		\$60,610.00	\$209.00

Total	290.00	\$60,610.00	\$209.00
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Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart

	Scope	Firm	GOAA-Approved - Job Classification	Hours	LUMP SUM		
					GOAA Approved Bill Rate	Fees	Avg Rate
1	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Montgomery Consulting Group, Inc.	Senior Project Manager	60.00	\$191.00	\$11,460.00	\$191.00
2	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Montgomery Consulting Group, Inc.	Senior Cost Estimator	80.00	\$172.00	\$13,760.00	\$172.00
3	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Montgomery Consulting Group, Inc.	Cost Estimator	80.00	\$101.00	\$8,080.00	\$101.00
4	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Montgomery Consulting Group, Inc.	Bus. Process Analyst	36.00	\$101.00	\$3,636.00	\$101.00
Sub-Total				256.00		\$36,936.00	\$144.28
Total				256.00		\$36,936.00	\$144.28

Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart

Item	Scope	Firm	GOAA-Approved Job Classification	Hours	GOAA Approved Rate	Fees	Avg Rate
1	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Kimley-Horn and Associates, Inc.	Senior Project Manager	179.00	\$235.00	\$42,065.00	\$235.00
2	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Kimley-Horn and Associates, Inc.	Senior Program Manager	74.00	\$259.00	\$19,166.00	\$259.00
3	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Kimley-Horn and Associates, Inc.	Senior Engineer	532.00	\$185.00	\$98,420.00	\$185.00
4	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Kimley-Horn and Associates, Inc.	Engineer	296.00	\$139.00	\$41,144.00	\$139.00
5	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Kimley-Horn and Associates, Inc.	Senior CADD Designer	1,030.00	\$112.00	\$115,360.00	\$112.00
6	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Kimley-Horn and Associates, Inc.	Clerical	131.00	\$77.00	\$10,087.00	\$77.00
7	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Avcon, Inc.	Senior Project Manager	127.00	\$236.00	\$29,972.00	\$236.00
8	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Avcon, Inc.	Project Manager	90.00	\$197.00	\$17,730.00	\$197.00
9	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Avcon, Inc.	Senior Engineer	237.00	\$144.00	\$34,128.00	\$144.00
10	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Avcon, Inc.	Project Engineer/Designer	360.00	\$114.00	\$41,040.00	\$114.00
11	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Avcon, Inc.	Senior CADD Designer	630.00	\$106.00	\$66,780.00	\$106.00
12	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	Avcon, Inc.	Administrative	109.00	\$66.00	\$7,194.00	\$66.00
13	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	TY Lin International	Principal	34.00	\$242.00	\$8,228.00	\$242.00
14	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	TY Lin International	Senior CADD Designer	390.00	\$97.00	\$37,830.00	\$97.00
15	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	TY Lin International	Senior Engineer	101.00	\$170.00	\$17,170.00	\$170.00
16	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	TY Lin International	Project Engineer	202.00	\$146.00	\$29,492.00	\$146.00
17	Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil (AFC) Apron Project Restart	TY Lin International	Clerical	24.00	\$52.00	\$1,248.00	\$52.00
Sub-Total				4,546.00		\$617,054.00	\$135.74
Total				4,546.00		\$617,054.00	\$135.74

**Completion of Design and Bid/Award Services for Deferred STC P1X Airfield Civil
(AFC) Apron Project Restart - Electrical Utility Infrastructure**

Item	Scope	Firm	GOAA-Approved Job Classification	Hours	Lump Sum		Avg Rate
					GOAA Approved Rate	Fees	
1	Update the South Terminal utility one-line diagram to reflect the circuits which have been installed by OUC.	Matern Professional Engineering, Inc.	Sr. Project Manager/ QC/Engineer V	8.00	\$141.00	\$1,128.00	\$141.00
2	Update the South Terminal utility one-line diagram to reflect the circuits which have been installed by OUC.	Matern Professional Engineering, Inc.	CADD Tech	16.00	\$68.00	\$1,088.00	\$68.00
3	Review the new transformers for the Airside P1X and RON to determine circuit changes required.	Matern Professional Engineering, Inc.	Sr. Project Manager/ QC/Engineer V	16.00	\$141.00	\$2,256.00	\$141.00
4	Review the new transformers for the Airside P1X and RON to determine circuit changes required.	Matern Professional Engineering, Inc.	CADD Tech	8.00	\$68.00	\$544.00	\$68.00
5	Issue direction for utilities to Civil Team.	Matern Professional Engineering, Inc.	Sr. Project Manager/ QC/Engineer V	24.00	\$141.00	\$3,384.00	\$141.00
6	Issue direction for utilities to Civil Team.	Matern Professional Engineering, Inc.	CADD Tech	48.00	\$68.00	\$3,264.00	\$68.00
7	Update STC Overall Circuit Diagram to reflect these revisions.	Matern Professional Engineering, Inc.	Sr. Project Manager/ QC/Engineer V	24.00	\$141.00	\$3,384.00	\$141.00
8	Update STC Overall Circuit Diagram to reflect these revisions.	Matern Professional Engineering, Inc.	CADD Tech	80.00	\$68.00	\$5,440.00	\$68.00
Sub-Total				224.00		\$20,488.00	\$91.46
Total				224.00		\$20,488.00	\$91.46

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: March 25, 2022



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
5850-B Cargo Road
Orlando, Florida 32827-4399

MEMORANDUM

To: Members of the Construction Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: April 05, 2022

Re: Request for Recommendation of Approval of an Addendum 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 - Architect of Record Services (& Major Subs), at the Orlando International Airport.

We have reviewed the qualifications of the subject contract's DBE specifications and determined that HNTB Corporation proposes 5% DBE participation on this Addendum.

Our analysis indicates that HNTB Corporation is eligible for award of the subject Addendum.

DBE UTILIZATION FORM FOR 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) 825-7130

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: Request for Recommendation of Approval of an Addendum 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 - Architect of Record Services (& Major Subs), at the Orlando International Airport.

1. Construction Information:

Addendum Amount: _____

2. DBE 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 DBE Participation	_____	Actual Result	_____

4. Engineering/Professional Services Information:

Addendum Amount: 735,088.00

5. DBE Goal by Group Representation:

Asian Pacific American	_____	Actual Result	_____
Asian Subcontinent American	_____	Actual Result	_____
Black American	_____	Actual Result	_____
Caucasian Female American	<u>36,936.00</u>	Actual Result	<u>5.0%</u>
Hispanic American	_____	Actual Result	_____
Native American	_____	Actual Result	_____
Other	_____	Actual Result	_____
Total DBE Participation	<u>36,936.00</u>	Actual Result	<u>5.0%</u>

3.a. Prime Contractor Information:

Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

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

3.b. Name and Address of DBE Subcontractor

Name: _____
Address: _____
City, State, Zip: _____
Telephone: _____

6.b. Name and Address of DBE Subconsultant

Name: Montgomery Consulting Group, Inc.
Address: 976 Lake Baldwin Lane, Suite 201
City, State, Zip: Orlando, FL 32814-6687
Telephone: 407-539-7030

3.c. *Identity: _____

Work Item(s): _____

Amount of Subcontract _____

Percent of Prime Contract (%): _____

6.c. *Identity: Caucasian Female American

Work Item(s): Cost Estimating (Sub of HNTB)

Amount of Subcontract \$36,936.00

Percent of Prime Contract (%): 5%

I certify that the information included on this form and its attachment is correct
Signature: Edelis Molina Date: 04/05/22
for George I. Morning, Director of Small Business Development Department

* In Items 3.c. and 6.c. above specify the Identity of DBE Subcontractors and E/PS Firms (e.g. Black American, Hispanic American, Asian Subcontinent American, Asian Pacific American, Caucasian Female American, Native American & Other)

Ms. Sharman stated that this item is subject to Construction Finance Oversight Committee (CFOC).

Upon motion of Mr. Pelletier, second by Mr. Hunt, vote carried to recommend to the Aviation Authority Board approval of a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with Gomez Construction Co. for V-S00026, STC LST Level 1 Misc. Improvements Design/Build, for the total not-to-exceed allowance amount of \$725,000.00, with funding from previously approved General Aviation Revenue Bonds, subject to CFOC.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR DESIGN, BID AND AWARD SERVICES FOR PREVIOUSLY DEFERRED CIVIL SITE/ROADWAY SCOPE OF THE STC GROUND TRANSPORTATION FACILITY (GTF) PEDESTRIAN BRIDGE FOR W-S00110, SOUTH TERMINAL C (PHASE 1) – ARCHITECT OF RECORD SERVICES (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.

15. [A handout was presented, which included a revised Memorandum.] Mr. Shedek presented the memorandum, dated April 5, 2022. Discussion ensued.

Ms. Sharman stated that this item is subject to Construction Finance Oversight Committee (CFOC).

Upon motion of Mr. Hunt, second by Mr. Pelletier, vote carried to approve an Addendum to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Design, Bid and Award Services for Previously Deferred Civil Site/Roadway scope of the STC Ground Transportation Facility (GTF) Pedestrian Bridge for W-S00110, South Terminal C (Phase 1) – Architect of Record Services (& Major Subs), for the total lump sum fee amount of \$72,963.00, with funding from Customer Facility Charges and Florida Department of Transportation funds to the extent eligible, subject to CFOC

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 36 TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR ADDITIONAL DESIGN, BID AND AWARD SERVICES FOR PREVIOUSLY DEFERRED AREAS 4 AND 5 OF THE GROUND TRANSPORTATION FACILITY (GTF) FOR W-S00110, SOUTH TERMINAL C (PHASE 1) –ARCHITECT OF RECORD SERVICES (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.

16. [A handout was presented, which included a revised Memorandum.] Mr. Corthell presented the memorandum, dated April 5, 2022. Discussion ensued.

Ms. Sharman stated that this item is subject to Construction Finance Oversight Committee (CFOC).

Upon motion of Mr. Hunt, second by Mr. Gilliam, vote carried to recommend to the Aviation Authority Board approval of an Amendment to Addendum No. 36 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Additional Design, Bid and Award Services for Previously Deferred Areas 4 and 5 of the Ground Transportation Facility (GTF) for W-S00110, South Terminal C (Phase 1) – Architect of Record Services (& Major Subs), for the total lump sum fee amount of \$356,246.00, with funding from Customer Facility Charges and Florida Department of Transportation funds to the extent eligible, subject to CFOC.

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR DESIGN, BID AND AWARD SERVICES FOR PREVIOUSLY DEFERRED STC AIRFIELD CIVIL P1X APRON AND TAXIWAY RESTART FOR W-S00110, SOUTH TERMINAL C (PHASE 1) – ARCHITECT OF RECORD SERVICES (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.

17. [A handout was presented, which included a revised Memorandum.] Mr. Corthell presented the memorandum, dated April 5, 2022. Discussion ensued.

Ms. Sharman stated that this item is subject to Construction Finance Oversight Committee (CFOC).

Upon motion of Mr. Hunt, second by Mr. Pelletier, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Design, Bid and Award Services for Previously Deferred STC Airfield Civil P1X Apron and Taxiway Restart for W-S00110, South Terminal C (Phase 1) – Architect of Record Services (& Major Subs), for the total lump sum fee amount of \$735,088.00, with funding from General Airport Revenue Bonds and Passenger Facility Charges to the extent eligible, subject to CFOC.



MEMORANDUM

TO: Members of the Aviation Authority

FROM: Davin D. Ruohomaki, Chairman, Construction Committee

DATE: April 20, 2022

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve Addendum No. 40 to the Architect of Record for South Terminal C, Phase 1, Agreement with HNTB Corporation for Design, Bid and Award Services for the Previously Deferred South Terminal C Airfield Civil Phase 1 Expansion (P1X) Apron and Taxiway Restart for W-S00110, South Terminal C, Phase 1 - Architect of Record (and Major Subconsultants) at the Orlando International Airport

BACKGROUND

The South Terminal C, Phase 1, Program provides for a world-class domestic and international airport terminal building, consisting of a new airside terminal with up to 24 airline gates and a landside terminal with both secure and non-secure areas, and associated improvements and infrastructure required or related thereto, such as sitework, roadways, aprons, runways, taxiways, other airfield work, utilities, landscaping, lighting, walkways, pedestrian bridges, expansion of the parking garage, a new and/or expanded chiller plant, aircraft loading bridges, and all interior design, such as concessions planning, ticketing, and security improvements, and baggage handling systems.

In 2015, the firm providing Architect of Record (and Major Subconsultants) Services for the South Terminal C, Phase 1, Program was selected through a competitive award process. These services were procured on an as-needed or annual basis through program duration. On October 21, 2015, the Aviation Authority Board approved the Architect of Record for the South Terminal C, Phase 1, Agreement with HNTB Corporation. On December 9, 2015, the Aviation Authority Board approved the following major subconsultants as part of HNTB Corporation's Design Team for the STC:

- Structural Engineer: C&S Engineers, Inc.
- Airfield Civil Engineer: Kimley-Horn and Associates, Inc.
- Landside Civil Engineer: Atkins North America, Inc.
- Mechanical and Plumbing Engineer: Syska Hennessy Group, Inc.
- Electrical Engineer: Matern Professional Engineering, Inc.
- Aviation Baggage Handling System Specialty Engineer: AECOM Technical Services, Inc.
- Aviation Ground Support Equipment System Specialty Engineer: T.Y. Lin International

The initial design of the South Terminal C, Phase 1, included sixteen gates as part of the Airside Concourse. In 2018, the Authority expanded the initial design to include three additional gates and related capacity improvements, such as an additional airfield paving and an additional baggage handling carousel in the Landside Terminal. The Authority's Capital Improvement Plan refers to this expansion as South Terminal C, Phase 1X. In 2020, portions of Phase 1 and Phase 1X were deferred as a result of the COVID-19 pandemic, including airfield and apron paving. After the deferral of this portion of the airfield, the design documents remained on-hold and were not updated to reflect any design progression that occurred over the last two years, throughout the construction phase.

In November 2021, the Bipartisan Infrastructure Law (BIL) was passed, including entitlement grants to be administered by the Federal Aviation Administration (FAA). In March 2022, at the FAA's request, the Authority updated its Capital Improvement Plan (CIP) to reflect the anticipated BIL entitlement grants. The updated CIP included a new **South Terminal C Phase 1 Expansion Apron/Airfield Restart Program** to be funded in part with BIL grants.

ISSUES

Funding for the construction phase of these deferred elements requires the Authority to competitively procure the construction contract in compliance with federal requirements. HNTB Corporation, as the STC Architect of Record, along with the previously-selected major subconsultants, will prepare the construction bid documents in accordance with the federal requirements.

A fee has been negotiated with HNTB Corporation for Design, Bid and Award Services for the previously-deferred STC Airfield Civil P1X Apron and Taxiway Restart for W-S00110, South Terminal C, Phase 1, at the Orlando International Airport, for the total amount of \$735,088. These design services will include, but are not limited to, project surveys, geotechnical/site investigations, utility verification, completion of project design, preparation of 100% bid documents, cost estimates, permitting documents, engineer's report, project schedule, and as-built research. The bid and award services will include, but is not limited to, distribution and administration of bid documents including bid addenda, if any; and, providing assistance during advertisement. The final design documents will be used as bid documents for construction of the airfield civil P1X apron and taxiway restart of the STC Program.

The Aviation Authority has reviewed the proposals from HNTB Corporation, and determined that HNTB Corporation proposes to achieve 5% Disadvantaged Business Enterprise (DBE) participation for these services. There is a limited availability of DBE-certified airfield design firms and utilization of the current airfield design subconsultant is the most efficient use of resources to complete this work.

On April 5, 2022, the Construction Committee recommended approval of Addendum No. 40 to the Architect of Record for South Terminal C, Phase 1, Agreement with HNTB Corporation for Design, Bid and Award Services for the Deferred South Terminal C Airfield Civil P1X Apron and Taxiway Restart for W-S00110, South Terminal C, Phase 1 - Architect of Record (and Major Subconsultants) at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

There fiscal impact is \$735,088 with funding from the South Terminal C Phase 1 Expansion Apron/Airfield Restart Program budget.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve Addendum No. 40 to the Architect of Record for South Terminal C, Phase 1, Agreement with HNTB Corporation for Design, Bid and Award Services for the Deferred South Terminal C Airfield Civil P1X Apron and Taxiway Restart for W-S00110, South Terminal C, Phase 1 - Architect of Record (and Major Subconsultants) at the Orlando International Airport, for the total lump sum fee amount of \$735,088, with funding from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel. ✓