

**AMENDMENT NO. 1 TO ADDENDUM NO. 48
TO AGREEMENT DATED DECEMBER 10, 2015
BETWEEN THE GREATER ORLANDO AVIATION AUTHORITY
AND HNTB CORPORATION**

Project: Additional Design, Bid and Award Services for BP-S196 Airfield Civil Apron Expansion and Taxiway Paving for W-S110, South Terminal C, Phase 1– Architect of Record Services, Orlando International Airport

THIS AMENDMENT is effective as of this 22nd day of August, 2023, 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 1; 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 Amendment 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 hereto 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 AND NOT TO EXCEED** amount of **TWO HUNDRED FORTY-NINE THOUSAND THREE HUNDRED SEVENTY-FIVE AND NO/100 DOLLARS (\$249,375.00)**, broken down as follows:

Professional Fees:	NTE:	\$19,890.00
Professional Fees:	LS:	\$229,485.00
Reimbursable Expenses:	NTE:	<u>\$0.00</u>
Total:		\$249,375.00

3. Except as expressly modified in this Amendment, 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 Amendment No. 1 to Addendum No. 48 this day of Aug 24, 2023.

GREATER ORLANDO AVIATION AUTHORITY

Approved as to Form and Legality
(for the benefit of GOAA only)
this day of Aug 24, 2023

Karen Ryan

By: box SIGN

1JBRK51-1R6RQ58X

**NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority**

Max Marble

By: box SIGN

4WB9Q9ZJ-1R6RQ58X

**Max Marble
Sr. Vice President, Capital Programs
Construction Committee Chair**

HNTB CORPORATION

By: *George M. Gilhooley*

Printed: George M. Gilhooley

Title: Sr. Vice President



Memorandum

To: Members of the Construction Committee

From: Scott Shedek, Vice President of Construction
(Prepared by Brad Miller, PMO)

Date: August 22, 2023

Re: Request for Approval of an Amendment to Addendum No. 48 to the Architect of Record for South Terminal C, Phase 1, Agreement with HNTB Corporation for Additional Design Services for BP-S00196 Terminal C, Phase 1 Expansion - Airfield Civil (AFC), Apron and Taxiway Paving at Orlando International Airport

On May 2, 2023, the Construction Committee recommended approval of Addendum No. 48 for \$1,306,162.00 which was subsequently approved by the Aviation Authority Board on May 17, 2023.

Since that time it has been determined that additional services are required to support the project. Consultant's proposal, dated August 8, 2023, is to provide additional design services associated with fueling capability on the South Remain Overnight (RON) Parking Area on the referenced project.

If approved, these services would be effective August 22, 2023.

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

Funding is from General Airport Revenue Bonds. Funding source verified by Melvin Martinez of Construction Finance on 08 / 18 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve an Amendment to Addendum 48 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$19,890.00
Lump Sum Fees	\$229,485.00
Not to Exceed Expenses	\$0.00
TOTAL	\$249,375.00
AAC – Compliance Review Date	JSS 8/16/23
AAC – Funding Eligibility Review Date	8/16/23



August 8, 2023

Mr. Scott Shedek, PE
Vice President of Construction
Greater Orlando Aviation Authority
Orlando International Airport
One Jeff Fuqua Blvd.
Orlando, FL 32827-4399

Re: WS-110 Terminal C - Phase 1 (STC P1), Architect of Record Team Proposal for:
Additional Design Services for Addendum 48 – BP-S196: Fueling Component for the South RON Parking Area

Dear Mr. Shedek:

As requested, The HNTB team, including major subconsultant Kimley Horn Associates, is submitting this proposal for additional design services associated with fueling capability on the South Remain Overnight (RON) Parking Area on the referenced project.

SCOPE OF WORK:

Per discussions with the Authority, the Owner's Authorized Representative (OAR), and Jacobs (PMO), the Authority requested analysis of concept development options to add fueling to the South RON Parking Area. This proposal covers the development of the two concepts which will allow the Authority to select one to proceed with preliminary design. The final design will come under a separate proposal. The first concept will be for multiple fuel pits at each parking position and the second concept will be for a single fueling position. The detailed scope is further defined in this proposal for each design firm.

SCHEDULE:

Following the Notice to Proceed, the design team will prepare the concept and move forward with preliminary design within 4 weeks.

The proposed amendment to the design fees are summarized in the following table.

GOAA South Terminal C Phase 1X				
South RON Fueling Concept Development				
8/8/2023				
Firm	DBE	NTE Fee	Lump Sum Design Fee	Role
HNTB Corporation		\$ 19,890	\$ 31,368	Design Management
Subtotal	0.0%	\$ 19,890	\$ 31,368	
Kimley-Horn			\$ 91,004	Civil/Airfield Design
Avcon, Inc.			\$ 28,212	Airfield Electrical Design
TY Lin International			\$ 78,901	Aircraft Fueling Design
Subtotal		\$ -	\$ 198,117	
Total Lump Sum Fee			\$ 229,485	
Total NTE Fee			\$ 19,890	
Total Contract			\$ 249,375	
DBE	0.0%	\$ -	\$ -	

Thank you for the opportunity to submit this proposal. Please let me know if you would like to discuss any of the elements. We look forward to receiving your approval and NTP to allow the team to meet this schedule.

Sincerely,
HNTB Corporation

A handwritten signature in black ink, appearing to read 'William G. Brooks', written in a cursive style.

William G. Brooks, PE
Senior Program Director

Cc: Max Marble, Senior Vice President of Capital Programs, GOAA
Kathy Anderson, Manager, Contracts and Grants, GOAA
George Gilhooley, PE, Project Principal, HNTB
Gunther Zurstadt, PE, Project Manager, AFC BP S196, HNTB
Mark Bryan, MBA, Asst. Project Manager, HNTB

Attachments: Scope of Services Documents
C-Tables
Truth in Negotiation Certification

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

Greater Orlando Aviation Authority

**South Remain Overnight (RON) Apron Fueling Concept Development for
Terminal C, Ph 1X – Airfield Civil**

HNTB Corporation – NTE Scope of Services

- PM leading Design Team Kick Off Meeting.
- Participate in consultant team weekly meetings to discuss coordination issues and milestone progress as required to meet deadline.
- Update Construction Management Plan.
- Perform QA/QC reviews of all discipline's Conceptual Development required.

HNTB Corporation – Core Team Lump Sum Scope of Services

- Core team design management/coordination
- CAD Coordination
- Coordinate Concept Drawings
- Attend meetings with design team, GOAA, PMO and OAR
- Review specifications, reports, drawings during Conceptual Development
- Project Controls: scheduling, preliminary contract documents preparation, insurance coordination, change management.

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

Greater Orlando Aviation Authority

**South Remain Overnight (RON) Apron Fueling Concept Development for
Terminal C, Ph 1X – Airfield Civil**

The PROJECT can be generally described as developing concepts for fueling at the South RON positions of the terminal apron expansion. The coordination of the aircraft fueling concept will include all the fueling, electrical, drainage and paving modification items as well as the overall aircraft parking to optimize the layout to minimize the additional expense of the fueling and hydrants. It is our understanding that this first concept development phase will include two concepts to compare the cost and other constraints of adding fueling to the South RON apron expansion.

- **Alternate No. 1** - Conceptual development of a fueling system for a single aircraft gate equipped to fuel the design aircraft mix. This aircraft would be fueled and then moved and parked elsewhere on the RON or at a passenger boarding gate.
- **Alternate No. 2** - Conceptual development of a fueling system for multiple aircraft parking positions in the South RON parking apron.

Kimley-Horn Associates - Scope of Services

Kimley-Horn will perform the following task to facilitate the two (2) South RON Fueling Options:

1. Overall conceptual design coordination and consolidation of plans and reports from the project team,
2. Participate in Project Coordination Meetings with HNTB and KHA Design Team,
3. Review and compilation of existing conditions that will be affected by the fueling system,
4. Analysis and conceptual layout of the drainage system modifications per National Fire Prevention Association (NFPA) 415: Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways (2022 Edition),
5. Coordination of utility systems modifications,
6. Coordination of the South RON aircraft parking layout modifications,
7. Take-offs and compilation of materials quantities to support cost estimated of the two (2) options (cost estimating to be provided by others,
8. Participate in four (4) weeks of project design team and HNTB coordination meetings,
9. Preparation of the options analysis and recommendations report to be issued to HNTB for review,

10. Incorporate HNTB review comments into recommendations report,
11. Participate in one (1) GOAA review meeting to support selection of the design South RON fueling option,
12. Incorporate GOAA review comments into recommendations report,

AVCON will perform the following tasks in support of the two (2) fueling system options:

13. Attend a Design Kick-Off Meeting with GOAA and the HNTB Team at the airport
14. Attend Design Kick-Off Meeting with the Project Team at the KHA Offices
15. Finalize the desired aircraft fleet mix with GOAA operations to identify parking objectives
16. Prepare additional marking layouts with multiple configurations to identify the optimal aircraft layout for each of the two fueling alternates
17. Coordinate modifications to the South RON highmast and electrical power vault
18. Coordinate the EFSO routing from the RON island back to the terminal data panel
19. Prepare Conceptual Plans for inclusion in the document package for estimating by others
20. Attend one Internal QA/QC and Interdisciplinary Review with the KHA team
21. Incorporate Review Comments
22. Perform QA/QC review of the completed plan documents
23. Attend Design Team meetings (Internal - weekly @ 2.5 hours)
24. Attend HNTB Design Meeting (weekly @ 1 hour)
2.5 hours

TYLIN will perform the following tasks in support of the two (2) fueling system options:

25. The scope of services for the 35% concept development for two options to add hydrant fueling for South RON Parking Apron include our services to develop the options for review and selection of the desired option by GOAA.
26. The first option includes the conceptual development of a fueling system for a single aircraft gate equipped to fuel the design aircraft mix. The aircraft would be fueled and then moved and parked elsewhere on the RON or at a passenger boarding gate.
27. The second option includes the conceptual development of a fueling system for multiple aircraft parking positions in the South RON parking apron.
28. From the conceptual development for the two options GOAA will evaluate the cost and decide to move forward on the selected option or not.
29. From a conceptual AC layout provided by Kimley-Horn and AVCON, TYLIN will prepare a preliminary plan the fuel system hydrant system pipelines, the connection point to the distribution pipelines, the location of a control valve/emergency fuel shut off vault, the drain, vent, and isolation valve pits for the two options. We will also estimate the number and location of hydrant fuel pits to be provided for each of the two options. We will calculate the number and location of hydrant pits for each aircraft model and type and their design location.
30. We will investigate and conceptually plan the emergency fuel shut system and its integration with the existing emergency fuel shut in the STC for each option.
31. We will investigate and conceptually plan the leak detection system and its integration with the existing leak detection system in the STC for each option.
32. We will provide quantity takeoffs for our scope of work for each option.

33. We will attend coordination meetings and design meetings as noted in the fee spreadsheet and respond to two rounds of comments.

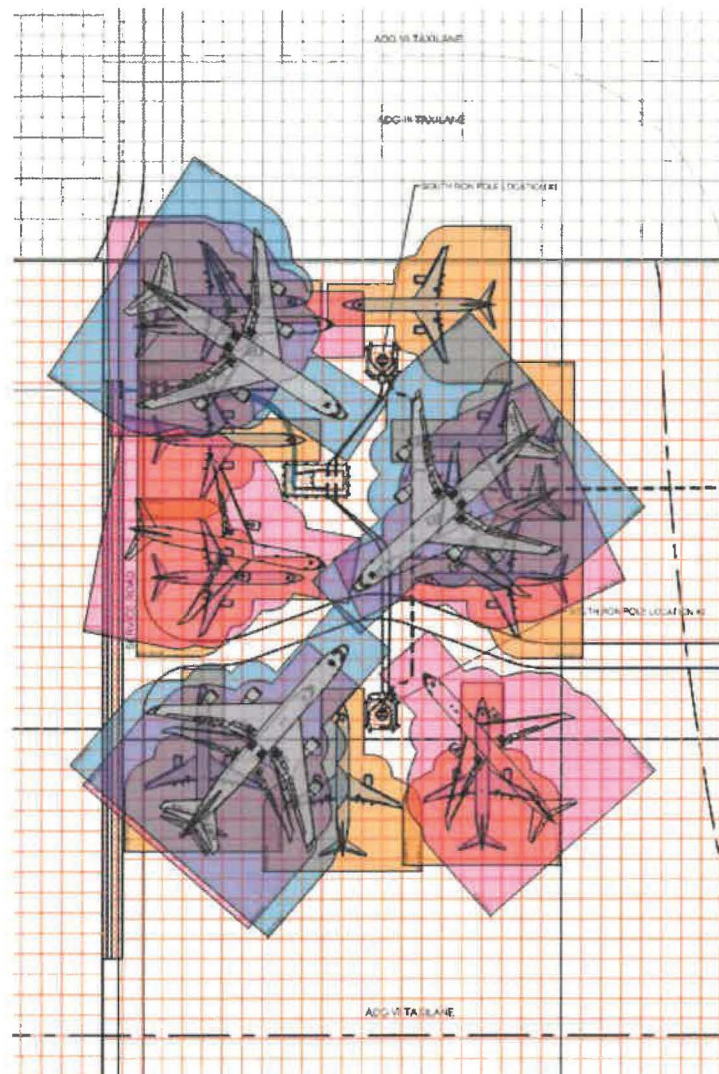
Conceptual Design Schedule and Fee

Preparation of the Conceptual Design is scheduled to be performed in four (4) weeks, including coordination with GOAA for selection of the fueling option for the South RON.

Kimley-Horn, AVCON and TYLIN will provide the above defined services for a Lump Sum Fee Amount of \$198,117.00.

100% Design Package Preparation

100% Design services are not included as part of this proposal.



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. The proposed grading design is not anticipated to be modified to accommodate fueling at the South RON apron.
- B. The drainage design for the South RON apron with fueling is only anticipated to modify/incorporate new drainage infrastructure to accommodate the first flush (i.e. collection and containment of hydrocarbons) via oil grit separator and we do not anticipate whole sale design revisions to the master drainage system.
- C. Fire hydrants are not anticipated to be required at the RON areas.
- D. GOAA will provide desired aircraft fleet mix for use in modeling South RON parking positions.
- E. Design documents and technical specifications will be prepared under a future task order.
- F. Cost estimating will be prepared by others.
- G. Items not specifically included in this proposal are not included;

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

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-1
SUMMARY OF TOTAL CONTRACT VALUE

Phase of Project:	Conceptual Design	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$31,368	\$31,368
2.0 Not to Exceed Reimbursable Fee:	\$19,890	\$19,890
3.0 Not to Exceed Reimbursable Expenses:	\$0	\$0
4.0 TOTAL CONTRACT VALUE:	\$51,258	\$51,258
Total Lump Sum Labor Hours:	141	141
Total Not to Exceed Reimbursable Labor Hours:	90	90
TOTAL LABOR HOURS:	231	231
Average Hourly Rate:	\$222	\$222

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
 TABLE C-2
 SUMMARY OF LUMP SUM FEES

Phase of Project:	Conceptual Design		TOTAL		
	labor hours	Total Fee	labor hours	Cost	Avg. Rate
HNTB TEAM					
HNTB Corporation Core					
Lump Sum Fee Subtotal	141	\$31,368	141	\$31,368	\$222
Total Lump Sum Amount:	141	\$31,368	141	\$31,368	\$222

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-3
BREAKDOWN OF LUMP SUM FEES

Position:	SENIOR PROGRAM DIRECTOR I		SENIOR PROGRAM DIRECTOR II		SENIOR PROJECT MANAGER I		ASSISTANT PROJECT MANAGER		SR. PROJECT ARCHITECT		TOTAL		
Rate (\$/Hour):	\$345.00		\$300.00		\$245.00		\$161.00		\$156.00				Avg- Hourly
HNTB Corporation - Core	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
30% Conceptual Design													
Participate in Design Team Meetings	8	\$2,760	8	\$2,400	10	\$2,450	10	\$1,610	10	\$1,560	46	\$10,780	\$234
Coordinate with GOAA/OAR	1	\$345	1	\$300	1	\$245	8	\$1,288	4	\$624	15	\$2,802	\$187
Review Bid Schedule	1	\$345	1	\$300	1	\$245	4	\$644	1	\$156	8	\$1,690	\$211
Coordinate Interdisciplinary Review	2	\$690	5	\$1,500	1	\$245	0	\$0	1	\$156	9	\$2,591	\$288
Coordinate TRT	1	\$345	2	\$600	1	\$245	0	\$0	1	\$156	5	\$1,346	\$269
Coordinate Review Comments	1	\$345	2	\$600	8	\$1,960	4	\$644	4	\$624	19	\$4,173	\$220
Update Construction Management Plan	1	\$345	2	\$600	1	\$245	3	\$483	1	\$156	8	\$1,829	\$229
Prepare Progress Reports	1	\$345	2	\$600	1	\$245	16	\$2,576	1	\$156	21	\$3,922	\$187
Spot Check Major Quantities	1	\$345	2	\$600	2	\$490	4	\$644	1	\$156	10	\$2,235	\$224
Sub-Total	17	\$5,865	25	\$7,500	26	\$6,370	49	\$7,889	24	\$3,744	141	\$31,368	\$222

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-3

BREAKDOWN OF LUMP SUM FEES

Position:	SENIOR PROGRAM DIRECTOR I		SENIOR PROGRAM DIRECTOR II		SENIOR PROJECT MANAGER I		ASSISTANT PROJECT MANAGER		SR. PROJECT ARCHITECT		TOTAL		
Rate (\$/Hour):	\$345.00		\$300.00		\$245.00		\$161.00		\$156.00				Avg. Hourly
HNTB Corporation - Core	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
TOTAL LUMP SUM FEE:	17	\$5,865	25	\$7,500	26	\$6,370	49	\$7,889	24	\$3,744	141	\$31,368	\$222

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-4
SUMMARY OF NOT TO EXCEED REIMBURSABLE FEES AND EXPENSES

Phase of Project:	30% Conceptual Design		TOTAL		
	labor hours	Total Fee	labor hours	Cost	Avg. Rate
HNTB Corporation NTE					
Not to Exceed Reimbursable Fee	90	\$19,890	90	\$19,890	\$221
Not to Exceed Reimbursable Expenses		\$0		\$0	
Subtotal HNTB Corporation NTE	90	\$19,890	90	\$19,890	\$221
Total Not to Exceed Amount:	90	\$19,890	90	\$19,890	\$221

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES

Position:	SENIOR PROJECT MANAGER II		TOTAL		
Rate (\$/Hour):	\$221				Avg. Hourly
HNTB Corporation - NTE	labor hours	Cost	labor hours	Cost	Rate
30% Conceptual Design					
Participate in Design Team Meetings	10	\$2,210	10	\$2,210	\$221
Coordinate with GOAA/OAR	20	\$4,420	20	\$4,420	\$221
Review Bid Schedule	5	\$1,105	5	\$1,105	\$221
Coordinate Interdisciplinary Review	5	\$1,105	5	\$1,105	\$221
Coordinate TRT	10	\$2,210	10	\$2,210	\$221
Coordinate Review Comments	15	\$3,315	15	\$3,315	\$221
Update Construction Management Plan	15	\$3,315	15	\$3,315	\$221
Spot Check Major Quantities	10	\$2,210	10	\$2,210	\$221
Sub-Total	90	\$19,890	90	\$19,890	\$221

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES

Position:	SENIOR PROJECT MANAGER II		TOTAL		
Rate (\$/Hour):	\$221				Avg. Hourly
HNTB Corporation - NTE	labor hours	Cost	labor hours	Cost	Rate
TOTAL NOT TO EXCEED REIMBURSABLE FEE:	90	\$19,890	90	\$19,890	\$221

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-9
CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

FIRM	POSITION	CONTRACT HOURLY RATE
HNTB Corporation	SENIOR PROGRAM DIRECTOR I	\$345
HNTB Corporation	SENIOR PROGRAM DIRECTOR II	\$300
HNTB Corporation	SENIOR PROJECT MANAGER I	\$245
HNTB Corporation	SENIOR PROJECT MANAGER II	\$221
HNTB Corporation	ASSISTANT PROJECT MANAGER	\$161
HNTB Corporation	SR. PROJECT ARCHITECT	\$156

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-1
SUMMARY OF TOTAL CONTRACT VALUE

Phase of Project:	35% Conceptual Design	SUBTOTAL	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$198,117	\$198,117	\$198,117
2.0 Not to Exceed Reimbursable Fee:	\$0	\$0	\$0
3.0 Not to Exceed Reimbursable Expenses:	\$0	\$0	\$0
4.0 TOTAL CONTRACT VALUE:	\$198,117	\$198,117	\$ 198,117

Total Lump Sum Labor Hours:	975	975	975
Total Not to Exceed Reimbursable Labor Hours:	0	0	0
TOTAL LABOR HOURS:	975	975	975
Average Hourly Rate:	\$203	\$203	\$203

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-2
SUMMARY OF LUMP SUM FEES

Phase of Project:	35% Conceptual Design		TOTAL		
	Labor Hours	Total Fee	Labor Hours	Cost	Avg. Rate
Kimley-Horn and Associates, Inc.					
Lump Sum Fee Subtotal	459	\$91,004	459	\$91,004	\$198
AVCON, Inc.					
Lump Sum Fee Subtotal	178	\$28,212	178	\$28,212	\$158
T.Y. Lin International					
Lump Sum Fee Subtotal	338	\$78,901	338	\$78,901	\$234
Total Lump Sum Amount:	975	198,117	975	\$198,117	\$203

Kimley-Horn and Associates, Inc.
AF-CIVIL

Table C - 2

8/14/2023

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-3
BREAKDOWN OF LUMP SUM FEES

Position:	QC Reviewer		Senior Program Managers		Senior Project Manager		Senior Engineer		Engineer		Senior Admin Assistant		TOTAL		
Rate (\$/Hour):	\$288		\$249		\$248		\$188		\$133		\$78		Labor Hours	Cost	Avg. Hourly
Kimley-Horn and Associates, Inc.	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost			
35% Conceptual Design															
35% Conceptual Design	0	\$0	26	\$6,474	132	\$32,736	104	\$19,552	92	\$12,236	21	\$1,638	375	\$72,636	\$194
		\$0		\$0		\$0		\$0		\$0		\$0	0.0	\$0	\$0
Design Administration		\$0		\$0	26.0	\$6,448		\$0		\$0	9.0	\$702	35.0	\$7,150	\$204
Design Kick-Off Meeting - HNTB		\$0	2.0	\$498	4.0	\$992		\$0		\$0		\$0	6.0	\$1,490	\$248
Design Kick-Off Meeting - Project Team		\$0	2.0	\$498	4.0	\$992		\$0		\$0		\$0	6.0	\$1,490	\$248
Review Existing Conditions		\$0		\$0	4.0	\$992		\$0	8.0	\$1,064		\$0	12.0	\$2,056	\$171
Grading and Drainage Analysis (NFPA 415)		\$0	4.0	\$996	12.0	\$2,976	24.0	\$4,512	12.0	\$1,596		\$0	52.0	\$10,080	\$194
South RON Aircraft layout Coordination		\$0	2.0	\$498	12.0	\$2,976	12.0	\$2,256		\$0		\$0	26.0	\$5,730	\$220
Conceptual Plans - Options 1 and 2		\$0		\$0		\$0		\$0		\$0		\$0	0.0	\$0	\$0
a. Pavement Markings - Coordination with Drainage and Aircraft Layouts		\$0		\$0	4.0	\$992		\$0	8.0	\$1,064		\$0	12.0	\$2,056	\$171
b. Drainage Systems (Trench Drains & Piping) Layouts		\$0	4.0	\$996	24.0	\$5,952	32.0	\$6,016	24.0	\$3,192		\$0	84.0	\$16,156	\$192
c. Utilities (South RON) Coordination - Including Fuel System		\$0		\$0	10.0	\$2,480	8.0	\$1,504	12.0	\$1,596		\$0	30.0	\$5,580	\$186
Quantities Take-Off		\$0		\$0	4.0	\$992	4.0	\$752	8.0	\$1,064		\$0	16.0	\$2,808	\$176
Conceptual Cost Estimate - Support (Estimate by Others)		\$0		\$0	4.0	\$992		\$0	4.0	\$532		\$0	8.0	\$1,524	\$191
HNTB IDR - Options Analysis and Recommendations		\$0		\$0		\$0		\$0		\$0		\$0	0.0	\$0	\$0
GOAA Design Review - Option Selection		\$0	8.0	\$1,992	8.0	\$1,984	8.0	\$1,504		\$0		\$0	24.0	\$5,480	\$228
Incorporate Review Comments		\$0		\$0	4.0	\$992	4.0	\$752	8.0	\$1,064		\$0	16.0	\$2,808	\$176
Findings and Recommendation Report		\$0	4.0	\$996	12.0	\$2,976	12.0	\$2,256	8.0	\$1,064	12.0	\$936	48.0	\$8,228	\$171
		\$0		\$0		\$0		\$0		\$0		\$0	0.0	\$0	\$0
Internal QA/QC and Interdisciplinary Review	4	\$1,072	0	\$0	18	\$3,968	12	\$2,256	16	\$2,128	0	\$0	48	\$9,424	\$196
QC Plans	4.0	\$1,072		\$0	8.0	\$1,984		\$0		\$0		\$0	12.0	\$3,056	\$255
Incorporate Review Comments		\$0		\$0	8.0	\$1,984	12.0	\$2,256	16.0	\$2,128		\$0	36.0	\$6,368	\$177
Not Used	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0
Design Team Coordination Meetings (4 weeks)	0	\$0	16	\$3,984	20	\$4,960	0	\$0	0	\$0	0	\$0	36	\$8,044	\$248
		\$0		\$0		\$0		\$0		\$0		\$0	0.0	\$0	\$0
Design Team (Internal - weekly 2.5 hours)		\$0	8.0	\$1,992	10.0	\$2,480		\$0		\$0		\$0	18.0	\$4,472	\$248
HNTB Design Meeting (weekly 2.5 hours)		\$0	8.0	\$1,992	10.0	\$2,480		\$0		\$0		\$0	18.0	\$4,472	\$248
Sub-Total 35% Conceptual Design	4	\$1,072	42	\$10,458	168	\$41,664	116	\$21,808	108	\$14,364	21	\$1,638	459	\$91,004	\$198
100% Construction Documents															
TOTAL LUMP SUM FEE:	4	\$ 1,072	42	\$ 10,458	168	\$ 41,664	116	\$ 21,808	108	\$ 14,364	21	\$ 1,638	459	\$ 91,004	\$198

NOTES:

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of its services to be compensated on
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-3
BREAKDOWN OF LUMP SUM FEES

Position:	Principal		Project Manager		Sr Project Engineer/Designer		Project Engineer/Designer		Sr CADD Designer		TOTAL		
Rate (\$/Hour):	\$256		\$194		\$149		\$113		\$105		Labor Hours	Cost	Avg. Hourly Rate
AVCON, Inc.	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost			
35% Conceptual Design	14	\$3,584	28	\$5,432	48	\$7,152	36	\$4,068	24	\$2,520	150	\$22,756	\$152
Attend a Design Kick-Off Meeting with GOAA and the HNTB Team at the airport	2.0	\$512	4.0	\$776	4.0	\$596		\$0		\$0	10.0	\$1,884	\$188
Attend Design Kick-Off Meeting with the Project Team at the KHA Offices	2.0	\$512	2.0	\$388	2.0	\$298		\$0		\$0	6.0	\$1,198	\$200
Finalize the desired aircraft fleet mix with GOAA operations to identify parking objectives		\$0	2.0	\$388	2.0	\$298		\$0		\$0	4.0	\$686	\$172
Prepare additional marking layouts with multiple configurations to identify the optimal aircraft layout for each of the two fueling alternates	8.0	\$2,048	8.0	\$1,552	16.0	\$2,384	16.0	\$1,808		\$0	48.0	\$7,792	\$162
Coordinate modifications to the South RON highmast and electrical power vault		\$0	2.0	\$388	6.0	\$894		\$0	2.0	\$210	10.0	\$1,492	\$149
Coordinate the EFSO routing from the RON island back to the terminal data panel		\$0	8.0	\$1,552	8.0	\$1,192	16.0	\$1,808		\$0	32.0	\$4,552	\$142
Prepare Conceptual Plans for inclusion in the document package for estimating by others	2.0	\$512		\$0	8.0	\$1,192		\$0	20.0	\$2,100	30.0	\$3,804	\$127
Attend one Internal QA/QC and Interdisciplinary Review with the KHA team		\$0	2.0	\$388	2.0	\$298		\$0		\$0	4.0	\$686	\$172
Incorporate Review Comments		\$0		\$0		\$0	4.0	\$452	2.0	\$210	6.0	\$862	\$110
Internal QA/QC and Interdisciplinary Review	4	\$1,024	0	\$0	0	\$0	0	\$0	0	\$0	4	\$1,024	\$256
QC Plans	4.0	\$1,024		\$0		\$0		\$0		\$0	4.0	\$1,024	\$256
Design Team Coordination Meetings (4 weeks)	8	\$2,048	0	\$0	16	\$2,384	0	\$0	0	\$0	24	\$4,432	\$185
Design Team (Internal - weekly 2.5 hours)	4.0	\$1,024		\$0	8.0	\$1,192		\$0		\$0	12.0	\$2,216	\$185
HNTB Design Meeting (weekly 2.5 hours)	4.0	\$1,024		\$0	8.0	\$1,192		\$0		\$0	12.0	\$2,216	\$185
Sub-Total 35% Conceptual Design	28	\$6,656	28	\$5,432	64	\$9,536	36	\$4,068	24	\$2,520	178	\$28,212	\$158
TOTAL LUMP SUM FEE:	26	\$ 6,656	28	\$ 5,432	64	\$ 9,536	36	\$ 4,068	24	\$ 2,520	178	\$ 28,212	\$158

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-3
BREAKDOWN OF LUMP SUM FEES

Provide:	Principal		Senior Engineer		Senior Engineer		Senior CAD/ Designer		TOTAL		
Rate (\$/hour):	\$226		\$246		\$246		\$165		Labor Hours	Cost	Avg. Hourly Rate
T.Y. Lin International	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost			
25% Conceptual Design	76	\$17,076	76	\$18,896	56	\$13,776	56	\$9,240	258	\$66,912	\$259
Design Kick-Off Meeting - HNTB	4.0	\$1,304	4.0	\$984	2.0	\$492	8.0	\$1,304	18.0	\$2,748	\$278
Design Kick-Off Meeting - Project Team	2.0	\$652	2.0	\$492	2.0	\$492	2.0	\$326	8.0	\$1,962	\$243
Review S RON drawings and existing conditions	2.0	\$652	8.0	\$1,968	4.0	\$984	2.0	\$326	16.0	\$3,930	\$246
Consult and advise during AC layout and civil works concept development concerning impacts on fueling system	2.0	\$652	8.0	\$1,968	4.0	\$984	8.0	\$1,304	14.0	\$3,004	\$215
Develop single gate and multiple gate fuel system concepts incorporating hydrant pits, pipelines, control valve vault, pits, EFGO & leak detection systems	10.0	\$2,260	10.0	\$2,460	4.0	\$984	8.0	\$1,304	32.0	\$7,008	\$219
Prepare drawing for fuel system concept for single gate fueling system-Option 1 (Wave)	2.0	\$652	8.0	\$1,968	8.0	\$1,968	12.0	\$1,956	30.0	\$6,844	\$228
Prepare drawing for fuel system concept for multiple gate fueling system-Option 2	2.0	\$652	8.0	\$1,968	8.0	\$1,968	16.0	\$2,640	34.0	\$7,196	\$212
Modify existing fuel system detail sheets for Options 1 & 2 for cost estimator	1.0	\$326	4.0	\$984	4.0	\$984	16.0	\$2,640	25.0	\$4,902	\$196
Modify existing flow diagram with Options 1 & 2. Note flushing circuit	1.0	\$326	4.0	\$984	2.0	\$492	8.0	\$1,304	15.0	\$3,406	\$227
Prepare Quantities takeoff for each option	0.5	\$163	4.0	\$984	2.0	\$492	8.0	\$1,304	14.5	\$3,243	\$223
Continual Cost Estimate - Support (Estimate by Others)	1.0	\$326	2.0	\$652	2.0	\$492	8.0	\$1,304	13.0	\$2,936	\$226
Prepare deliverables	1.0	\$326	4.0	\$984	2.0	\$492	16.0	\$2,640	23.0	\$4,410	\$192
GD&A Design Review - Option Selection	2.0	\$652	2.0	\$492	2.0	\$492	8.0	\$1,304	14.0	\$3,156	\$225
Incorporate Review Comments	1.0	\$326	8.0	\$1,968	4.0	\$984	8.0	\$1,304	21.0	\$4,582	\$218
Internal QA/QC and Interdisciplinary Review	8	\$2,608	4	\$984	4	\$984	12	\$1,956	28	\$6,532	\$233
QC Plans	8.0	\$2,608	4.0	\$984	4.0	\$984	12.0	\$1,956	28.0	\$6,532	\$233
Incorporate Review Comments	1.0	\$326	4.0	\$984	4.0	\$984	12.0	\$1,956	21.0	\$4,758	\$227
Design Team Coordination Meetings (4 weeks)	36	\$8,136	26	\$6,396	15	\$3,690	8	\$1,304	85	\$19,526	\$229
Design Team (interval - weekly 2.5 hours)	10.0	\$2,260	10.0	\$2,460	7.5	\$1,845	8.0	\$1,304	35.5	\$7,869	\$222
HNTB Design Meeting (weekly 2.5 hours)	10.0	\$2,260	10.0	\$2,460	7.5	\$1,845	8.0	\$1,304	35.5	\$7,869	\$222
Sub-Total 25% Conceptual Design	190.5	\$43,732	190	\$46,800	88	\$21,672	108	\$17,804	576.5	\$128,012	\$222
TOTAL LUMP SUM FEE:	190.5	\$43,732	190	\$46,800	88	\$21,672	108	\$17,804	576.5	\$128,012	\$222

NOTES:

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of its services to be compensated on a lump sum basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-9
CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

FIRM	POSITION	CONTRACT HOURLY RATE
Kimley-Horn and Associates, Inc.	QC Reviewer	\$268.00
Kimley-Horn and Associates, Inc.	Senior Project Manager	\$248.00
Kimley-Horn and Associates, Inc.	Senior Program Manager	\$249.00
Kimley-Horn and Associates, Inc.	Senior Engineer	\$188.00
Kimley-Horn and Associates, Inc.	Engineer	\$133.00
Kimley-Horn and Associates, Inc.	Engineer Intern	\$111.00
Kimley-Horn and Associates, Inc.	Senior CADD Designer	\$131.00
Kimley-Horn and Associates, Inc.	CADD Technician	\$104.00
Kimley-Horn and Associates, Inc.	Senior Administrative Asst	\$78.00
AVCON, INC.	Principal	\$256.00
AVCON, INC.	Project Manager	\$194.00
AVCON, INC.	Sr Project Engineer/Designer	\$149.00
AVCON, INC.	Project Engineer/Designer	\$113.00
AVCON, INC.	Senior CADD Technician Designer	\$105.00
AVCON, INC.	Admin/Clerical	\$65.00
TYLIN	Principal	\$326.00
TYLIN	Senior CADD Designer	\$163.00
TYLIN	Senior Engineer	\$246.00
TYLIN	Engineer	\$168.00
TYLIN	Senior Administrative Asst	\$96.00

TRUTH IN NEGOTIATION CERTIFICATION

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Aviation Authority determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Aviation Authority, whichever is later.

Consultant HNTB Corporation

By: 

Print Name: George Gilhooley

Date: August 8, 2023



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: August 22, 2023

Re: Request for Approval of an Amendment to Addendum No. 48 to the Architect of Record for South Terminal C, Phase 1, Agreement with HNTB Corporation for Additional Design Services for BP-S00196 Terminal C, Phase 1 Expansion - Airfield Civil (AFC), Apron and Taxiway Paving at Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that HNTB Corporation proposes 11% MWBE participation on this amendment.

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

MWBE UTILIZATION FORM FOR NON-FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

This form should be used to report Construction and Engineering /Professional Services activities.

Name of Airport: Orlando International Airport

Telephone No: (407) 825-7130

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: Request for Approval of an Amendment to Addendum No. 48 to the Architect of Record for South Terminal C, Phase 1, Agreement with HNTB Corporation for Additional Design Services for BP-S00196 Terminal C, Phase 1 Expansion - Airfield Civil (AFC), Apron and Taxiway Paving at Orlando International Airport

1. Construction Information:

Amendment Amount: _____

2. MWBE Goal by Group Representation:

Asian Pacific American	_____	Actual Result	_____
Asian Subcontinent American	_____	Actual Result	_____
Black American	_____	Actual Result	_____
Caucasian Female American	_____	Actual Result	_____
Caucasian Male	_____	Actual Result	_____
Hispanic American	_____	Actual Result	_____
Native American	_____	Actual Result	_____
Total MWBE Goal	-	Actual Result	_____

3.a. Prime Contractor Information:

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

3.b. Name and Address of MWBE Subcontractor

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

3.c. *Identity:

Work Item(s): _____
Amount of Subcontract _____
Percent of Prime Contract (%): _____

4. Engineering/Professional Services Information:

Amendment Amount: \$249,375.00

5. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	_____
Asian Subcontinent American	<u>28,212.00</u>	Actual Result	<u>11.3%</u>
Black American	-	Actual Result	_____
Caucasian Female American	-	Actual Result	_____
Caucasian Male	-	Actual Result	_____
Hispanic American	-	Actual Result	_____
Native American	-	Actual Result	_____
Total MWBE Goal	<u>28,212.00</u>	Actual Result	<u>11.3%</u>

6.b. Engineering / Professional Service Firm Information:

Name: HNTB Corporation
Address: 610 Crescent Executive Court, Suite 400
City, State, Zip: Lake Mary, FL 32746
Telephone: (407) 805-0355

6.b. Name and Address of MWBE Subconsultant

Name: AVCON, Inc.
Address: 5555 East Michigan Street, Suite 200
City, State, Zip: Orlando, FL 32822
Telephone: 407-599-1122

6.c. *Identity:

Work Item(s): Airfield Electrical Design (Sub of Kimley-Horn)
Amount of Subcontract \$28,212.00
Percent of Prime Contract (%): 11.3%

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