

**ADDENDUM NO. 30
TO THE AGREEMENT DATED SEPTEMBER 15, 2015
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND BURNS ENGINEERING, INC.**

Project: Construction Phase and Technology Services for BP-S00195 Terminal C, Phase 1X – Airside Concourse, Orlando International Airport

THIS ADDENDUM is effective this 19th day of October, 2022, by and between the **GREATER ORLANDO AVIATION AUTHORITY** (“Authority”), and **BURNS ENGINEERING, INC.** (“Consultant”).

WITNESSETH:

WHEREAS, by Agreement dated September 15, 2015, Authority and Consultant entered into an agreement for Consultant to provide **Technology and Multi-Media System Specialty Engineer for the South Terminal C, Phase 1** Consulting Services; and

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

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

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained, the Authority and the 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 **TWO MILLION FIVE HUNDRED FIFTY-TWO THOUSAND NINE HUNDRED FOUR AND NO/100 DOLLARS (\$2,552,904.00)**, broken down as follows:

Professional Fees:	NTE:	\$0.00
Professional Fees:	LS:	\$2,552,904.00
Reimbursable Expenses:	NTE:	<u>\$0.00</u>
Total:		\$2,552,904.00

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 September 15, 2015 and all prior addenda will remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto by their duly authorized representatives, have executed this Addendum this 20 day of October, 2022.

GREATER ORLANDO AVIATION AUTHORITY

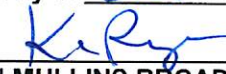
By:


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

Approved as to Form and Legality
(for the benefit of GOAA only)

this 20 day of Oct, 2022

By:


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

BURNS ENGINEERING, INC.

By:


Signature (Duly Authorized Rep.)

Brian Phillips
Printed Name

Vice President
Title



INFORMATION ITEM
Original CCM
10/4/2022
Item No. 10
Revised Memo

Memorandum

To: Members of the Construction Committee

From: Davin Ruohomaki, Senior Director of Engineering & Construction
(Prepared by Ross Spence, OAR)

Date: October 4, 2022

Re: Request for Recommendation of Approval of an Addendum to the Technology and Multi-Media Systems Specialty Engineer for South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Construction Phase Services for BP-S00195, Terminal C, Phase 1X – Airside Concourse, at the Orlando International Airport.

Consultant's proposal, dated August 26, 2022, is to provide construction phase services for South Terminal C, Phase 1X Restart, Agreement with Burns Engineering for Construction Administration Services for BP-S00195, Terminal C, Phase 1X – Airside Concourse at the Orlando International Airport, for \$2,552,904. The schedule for this work will run from NTP through the project substantial completion of 1095 calendar days, project final completion of 120 calendar days for a total of 1215 calendar days.

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. Funding source verified by _____ 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 Technology and Multi-Media Systems Specialty Engineer for South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for the services contained herein and the amount as shown below

Not to Exceed Fees	\$0.00
Lump Sum Fees	\$2,552,904.00
Not to Exceed Expenses	\$0.00
TOTAL	\$2,552,904.00
AAC – Compliance Review Date	
AAC – Funding Eligibility Review Date	9/29/22



August 26, 2022

Mr. Davin Ruohomaki, MBA, CGC
Senior Director Planning, Engineering & Construction
OIA South Airport Complex Program
11064 Canal Road
Orlando, Florida 32824

**Re: Professional Fee Proposal for:
Technology and Multi-Media Specialty Systems Engineer for the South Terminal C, Airside
Concourse Phase 1X (WS-113), Orlando International Airport - Construction Administration
Services**

Dear Davin,

Burns Engineering, Inc. (Burns) appreciates the opportunity to submit this Construction Administration services proposal request for professional design services on the South Terminal C Phase 1X project for the Greater Orlando Aviation Authority (GOAA).

Airside Concourse Phase 1X Construction Administration

This proposal includes the scope and fee to support construction administration services starting October 3, 2022 and span through January 31, 2026.

Overview

This proposal includes the Construction Administration services to support the Burns Team associated construction documents with the Airside Concourse P1X design package for WS-113.

Please refer to the included Enhanced CA Proposal scope document for a detailed list of construction support services.

This proposal includes the continuation of our Phase 1 enhanced construction administration (ECA) services to support daily on-site activities for this expansion to the Airside Concourse. The proposed level of support has been significantly reduced from our previous effort for Phase 1 to better align with the needs for this P1X construction expansion.

Burns proposes to continue the ECA model with three employees: Robert Pringle, Jeremy Robbins, and Josh Poulalion. This combination would cover all technology and multi-media building systems included the entirety of the Burns Team construction drawings and specifications. Our proposed fee will be structured around providing our on-site ECA team at a variable rate to match the project demand, ramping up to full time for all three staff during peak construction activity. This proposal is currently based on that average being essentially 2 FTEs (when combined with our ECA services for the GTF Areas 4+5 proposal).



Please note the proposed fees and start date for ECA on-site activity is targeted for January 2023 to align with Contractor mobilization and project initiation, Burns will be represented with ECA support through the end of 2022 with our Phase 1 effort contract.

With no Experiential Media Environment (EME) features within this ASC gate expansion, no EME support from our Phase 1 team members (MRA, Sardi, SMI, or Celtic) has been included.

Along with this Cover Letter, we have included a Scope Narrative and C-Table in standard GOAA form. Please note that Matern Professional Engineering is now utilizing their most current GOAA approved billing rates.

Scope Assignments

Our subconsultants will maintain the same team scope requirements as they had in design phase to administer for construction services.

Barich, Inc.

- Common Use System
- Dynamic Signage

Matern Professional Engineering, Inc:

- Fire Alarm System
- Public Address/Emergency Communication System

Schedule

Anticipated NTP: October 3, 2022
Substantial Completion: 1,095 Days.
Final Completion: 120 Days.

Professional Fees

Burns has based this proposal on a Lump Sum Fee, to be billed on a percent complete basis. See the attached C-tables for more detailed information:

August 26, 2022 Proposal

Enhanced Construction Administration October 3, 2022 – January 31, 2026

Our C-Table back-up files span from October 3, 2022 through January 31, 2026. Essentially covering the anticipated 1,095 days of construction until Substantial Completion with another 120 days until Final Completion

The Burns Team Lump Sum Fee: \$2,552,904.00



BURNS ENGINEERING, INC. | BURNS-GROUP.COM

TWO COMMERCE SQUARE, 2001 MARKET ST, SUITE 600, PHILADELPHIA, PA 19103 | 215 979-7700

We hope this proposal meets with your approval, and I am available to discuss with you or your staff any aspect of the information contained herein. Burns is committed to serving GOAA with our fullest capabilities. Please do not hesitate to contact me at 215-979-7700 ext. 7725 if you need anything further.

Regards,
Burns Engineering, Inc.

A handwritten signature in black ink, appearing to read "Brian Phillips", written over a horizontal line.

Brian Phillips, PE
Vice President, Aviation

2016-093

Burns Engineering, Inc
Scope of Services for Construction Phase Support Services
Orlando International Airport South Terminal C Airside Concourse Phase 1X
Technology Engineering and Multi-Media

1. INTRODUCTION

Burns Engineering, Inc. (Burns) will provide Construction Phase Support Services for the new South Terminal C Airside Concourse Phase 1X project at Orlando International Airport. The services described herein represent a comprehensive, proactive approach to successful implementation of the technology and multi-media elements of the program. Included with traditional construction administration services are a series of additional measures to provide an adequate level of oversight and coordination.

As Engineer-of-Record for the Technology and Multi-Media elements, Burns will support the construction of the following aspects of the program:

- Premise Distribution Systems
- Common Use Systems
- Dynamic Signage / MUFIDS
- IP Master Antenna Television (IPTV)
- Passive Optical Network (PON) and Local Area Network (LAN)
- Communication Rooms / Spaces (MDFs, IDFs, Control Rooms)
- Distributed Antenna System (DAS) – Operations (400MHz), Public Safety (800MHz), Cellular
- Physical Access Control System
- IP Video Surveillance System (VSS)
- Advanced Visual Docking Guidance System (A-VDGS)
- Wireless Local Area Network (WLAN)
- Bluetooth Indoor Wayfinding
- Emergency Communication System (ECS) / Public Address System
- VoIP Telephone System
- Fire Alarm System
- E-Gates
- Passenger Boarding Bridge Technology Systems

2. CONSTRUCTION SCHEDULE

This proposal includes the scope and fee to continue our construction administration services starting October 3, 2022 and span 1,095 days until Substantial Completion with another 120 days anticipated for Final Completion.

3. DRAWING PACKAGES

The construction phase support services include the following bid packages developed by Burns Engineering for the Phase 1 Expansion:

- a. Airside Concourse

4. SCOPE OF CONSTRUCTION PHASE SUPPORT SERVICES

- a. **BUDGET MONITORING AND REPORTING** – Track technology and multi-media budget and actual costs, maintain an up-to-date budget including history of all changes. Monitor construction progress versus contractor invoices, advise GOAA when there is a discrepancy.
- b. **MEETINGS** – Attend meetings to monitor progress and resolve issues associated with construction. Include attendance at pre-installation meetings and job coordination meetings to help facilitate the work.
- c. **SUBMITTAL REVIEWS** – Review of shop drawings for conformance with the requirements of the contract documents. This includes shop drawings submitted by the Contractor as well as all equipment and systems procured by the Owner (GOAA).
- d. **CLARIFICATIONS AND REQUESTS-FOR-INFORMATION (RFI'S)** – Respond to and resolve requests-for-information (RFI's) and/or clarifications from the contractor regarding design intent. Provide sketches and/or renderings where required to convey design intent and resolve outstanding design issues in support of the Architect of Record and Owner. Update Revit model to incorporate any changes during construction.
- e. **ENGINEER SUPPLEMENTAL INFORMATION BULLETINS AND/OR CHANGE ORDERS** – Prepare bulletins and change orders, including specifications and drawing changes, which may be required to clarify original design intent. Prepare construction cost estimates for these types of changes and review against contractor change order amounts. Update Revit model to incorporate these types of changes during construction.

Bulletins, change orders, drawing and specification revisions, cost estimates, meetings and related effort associated with owner changes, architectural revisions to the building(s), unforeseen conditions, scope revisions, major program changes or other causes are impossible to estimate and therefore are not included in this proposal. These types of effort will be considered additional services.

- f. **PUBLIC MEETINGS AND PRESENTATIONS** – Provide support materials requested for public meetings and/or presentations. Participate in presentations when requested by Owner.
- g. **MONITOR GENERAL CONSTRUCTION PROGRESS FOR IMPACT ON TECHNOLOGY WORK** – Review and understand overall construction schedule, including how and where the technology work fits and is impacted by the other building trades. Participate in meetings with Contractor to stay fully informed on the progress of other construction that may impact the technology work. Identify elements of general construction that are critical to success of the technology elements of the program. Monitor those elements and alert the Owner when progress of other building trades may have a negative effect on the technology implementation schedule. Perform field inspection of general construction work to determine readiness to accept technology elements of the program.
- h. **CONSTRUCTION SCHEDULE REVIEW AND OVERSIGHT** – Review the Contractor schedules to determine whether they are sufficiently detailed to account for all aspects of the technology and

multi-media work, including all systems, coordination with other trades, submittals/approvals, lead times, owner-furnished equipment (delivery, storage, and configuration), critical path elements of the general construction, installation, testing, commissioning, etc.

- i. **CONTRACTOR'S MONTHLY INVOICE** – Review and comment on contractor's monthly invoice to confirm that construction progress matches invoice amount.
- j. **CHANGE ORDER REQUEST AND PRICING** – Review contractor change order requests and pricing, provide comments to Owner. Propose value engineering and other cost savings measures if required to maintain project budget, subject to approval by GOAA.
- k. **AS-BUILTS AND O&M MANUALS** – Assist Hahn Inc. with reviewing contractor as-builts and operation and maintenance (O&M) manuals for compliance with contract documents.
- l. **COORDINATION WITH HAHN, INC.** – Burns will work closely with Hahn Inc. regarding status of the procurement of owner-furnished equipment, including the scheduling, configuring and release of equipment to the contractors. While Hahn Inc. is ultimately responsible for this work, Burns will provide support and be actively engaged to understand status and to facilitate coordination with the overall program.
- m. **CONSTRUCTION MONITORING, OVERSIGHT AND COORDINATION** – Burns staff will work closely with each Contractor's Technology Program Manager via a proactive approach to facilitate the success of the technology and multi-media aspects of the program. Activities will include coordination of on-going construction activities, inspection and monitoring of work, evaluation of the work for conformance with the requirements of the contract documents and construction quality, preparation, and monitoring of correspondence between the Owner, design team, OAR's and contractor, preparation of progress reports and other duties.

We understand that the Contractor is required to have on staff a Technology Project Manager who is responsible for the following:

- Project Management
- Schedule Management
- IT System Impact Analysis
- Staff Training/Development
- Performance Management
- Change Management
- Project Closeout
- Estimating
- Scheduling
- Weekly Status Meetings including look-ahead
- Cost Controls
- Status Reporting
- Contract Administration
- Document Review
- Contractor Change Order Review
- Trend & Variance Reporting

- Document Controls
- “As Built” Schedule Updates

While the Contractor is ultimately responsible for this work, Burns will provide monitoring and oversight to confirm that the Contractor’s fulfill their contractual requirements. This will be accomplished via a direct line of communication between Burns and each TPM, as well as periodic meetings to discuss progress and status of each task and resolve open issues. Potential issues will be identified early and brought to the table for resolution.

- n. **SUPPORT DURING ON-SITE TESTING** – Burns will provide administration, oversight during the early design testing phase of specific equipment and/or software. Tests will be conducted onsite in the Technology Innovations Lab and the Vendor Site. Burns will witness the testing which will be completed by GOAA and Hahn Inc.
- o. **OPERATIONAL READINESS AND SUPPORT** - This phase facilitates the complete integration of all the hardware, software in a non-operational environment with the stakeholders for a soft opening simulation. Systems shall mimic operation with real data and media being pushed, end-to-end passenger processing, real security access and CCTV video being provided and full operation being witnessed. This shall prepare the facility for the hard-opening insuring that stakeholders are trained and systems meet end user demands and are interfaced to the airport communication center properly. The Designer shall provide support, oversight & functionality during hard opening of facility to be established by the team.
- p. **PERFORMANCE TESTING** - The Performance Testing phase of this Program shall provide Operational Readiness confidence in the hard opening of the facility. The Designer shall witness tests and activities necessary to confirm the equipment is installed to meet design intent for function and performance. The Designer shall also oversee integration testing, user acceptance testing (UAT), and mock-up testing prior to deployment. Such testing should include, but not limited to the following:
 - All sub-systems designed
 - Multi system integration testing
 - Analysis of network equipment
 - System interfaces and integrations
 - Network configuration testing for performance and security
 - Evaluations and testing of access control in a realistic environment
 - Evaluations of shared tenant services for phone and data
 - Evaluations of passenger processing systems, resource allocation and flight information systems
 - Comparison testing of new generation products and their effect on the total Program
 - Hands-on training for administrators and stakeholders

The Designer shall conduct information and knowledge transfer sessions with stakeholders and help to implement systems turn-key.

- q. **FINAL PUNCH LIST INSPECTION** – This includes final inspection of all installed systems and equipment within the Technology and Multi-Media scope, and development of a punch list of

open items to be resolved by the contractor. Burns will also conduct a re-inspection to confirm that the contractor has resolved all open items on the punch list.

- r. **BUILDING INFORMATION MODELING (BIM) AND REVIT** – Maintain up-to-date Revit models that include all design changes and are coordinated with the architect and other disciplines. Monitor contractor to review compliance with project BIM requirements.

5. STAFFING PLAN

Burns proposes a comprehensive team of on-site personnel and off-site personnel with specific skillsets to successfully staff the project.

6. COMPENSATION

August 26, 2022 Proposal

Our C-Table back-up files span from October 3, 2022 through January 31, 2026. Essentially covering the anticipated 1,095 days of construction until Substantial Completion with another 120 days until Final Completion

October 3, 2022 – January 31, 2026: \$2,552,904.00

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-1
SUMMARY OF TOTAL CONTRACT VALUE
STC ASC Phase 1X - CA Oct 2022 - Jan 2026

Phase of Project:	Const. Admin.	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$2,552,904.00	\$2,552,904.00
4.0 TOTAL CONTRACT VALUE:	\$2,552,904.00	\$2,552,904.00
Total Lump Sum Labor Hours:	19544.00	19544.00
TOTAL LABOR HOURS:	19544.00	19544.00
Average Hourly Rate:	\$130.62	\$130.62

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

Phase of Project:	Const. Admin.		TOTAL		
	labor hours	Total Fee	labor hours	Cost	Avg. Rate
Burns Engineering, Inc.					
Lump Sum Fee Subtotal Subtotal	13062	\$1,958,444	13062	\$1,958,444.00	\$150
Barich, Inc.					
Lump Sum Fee Subtotal	388	\$62,704	388	\$62,704.00	\$162
Matern Professional Engineering, Inc.					
Lump Sum Fee Subtotal	6094	\$531,756	6094	\$531,756.00	\$87
Total Lump Sum Amount:	19544	\$2,552,904	19544	\$2,552,904.00	\$131

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

TABLE C-3

BREAKDOWN OF LUMP SUM FEES

Position:	Sr. Project Manager		Sr. Project Manager Travel		Sr. Engineer		Sr. Engineer Travel		Project Engineer/Designer		Sr. CADD Technician		TOTAL			
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate	
Rate (\$/Hour):	\$232.00		\$277.00		\$172.00		\$217.00		\$140.00		\$88.00					
Burns Engineering, Inc.																
Construction Administration																
Attend Project Team Meetings	ASC	184	\$42,688	0	\$0	276	\$47,472	0	\$0	0	\$0	0	\$0	460	\$90,160	\$196
Maintain BIM Models with Architectural Updates	ASC	0	\$0	0	\$0	30	\$5,160	0	\$0	0	\$0	370	\$32,560	400	\$37,720	\$94
Review Contractor's Submittals	ASC	48	\$11,136	0	\$0	384	\$62,608	0	\$0	0	\$0	0	\$0	412	\$73,744	\$179
Review Contractor's RFIs	ASC	92	\$21,344	0	\$0	850	\$147,920	0	\$0	0	\$0	0	\$0	952	\$169,264	\$178
Drawings Change Orders That Clarify Drawings but do not Change Scope	ASC	92	\$21,344	0	\$0	816	\$140,352	0	\$0	0	\$0	1110	\$97,680	2018	\$259,376	\$129
On-Site Project Coordination	ASC	0	\$0	56	\$15,512	0	\$0	124	\$26,908	0	\$0	0	\$0	180	\$42,420	\$236
Enhanced CA - Project Engineer Design, PDS, Site Observations, Punchlists	ASC	0	\$0	0	\$0	0	\$0	0	\$0	2380	\$333,200	0	\$0	2380	\$333,200	\$140
Enhanced CA - Lead Construction Coordinator - Full Time On-Site	ASC	0	\$0	0	\$0	0	\$0	0	\$0	3880	\$543,200	0	\$0	3880	\$543,200	\$140
Enhanced CA - C. O. Review, Owner Provided Equip/GOAA Vendor Coord	ASC	0	\$0	0	\$0	2380	\$409,360	0	\$0	0	\$0	0	\$0	2380	\$409,360	\$172
Sub-Total Construction Administration		418	\$96,512	56	\$15,512	4726	\$812,872	124	\$26,808	6260	\$876,400	1480	\$130,240	13062	\$1,958,444	\$150
TOTAL LUMP SUM FEE:		418	\$96,512	56	\$15,512	4726	\$812,872	124	\$26,808	6260	\$876,400	1480	\$130,240	13,062	\$1,958,444.00	\$150

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

Position:	Sr. Project Manager		Sr. Project Manager Travel		Project Manager		TOTAL			
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate	
Rate (\$/Hour):	\$160.00		\$200.00		\$123.00					
Building										
Barich, Inc.										
Construction Administration										
Testing Coordination with OAR and GOAA Vendors	ASC	160	\$25,600	0	\$0	0	\$0	160	\$25,600	
On-Site Observation Testing and Punchlist	ASC	0	\$0	60	\$12,000	0	\$0	60	\$12,000	
Monthly Sustaining Activities: RFIs, Submittals, Meetings	ASC	120	\$19,200	0	\$0	48	\$5,904	168	\$25,104	\$149
Sub-Total Construction Administration		280	\$44,800	60	\$12,000	48	\$5,904	388	\$62,704	\$162
TOTAL LUMP SUM FEE:		280	\$44,800	60	\$12,000	48	\$5,904	388	\$62,704	\$162

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

Position:		Principal Engineer		Sr. Eng/Designer IV/Proj. Mgr.		Eng/Design III/Field Tech III		CADD Technician		TOTAL		
Rate (\$/Hour):		Building		\$227.00		\$114.00		\$87.00		\$58.00		
Matern Professional Engineering, Inc.		labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate
Construction Administration												
Attend Construction Meetings (2 every 1 weeks @ 1 hours each)	ASC	8	\$1,816	16	\$1,824	312	\$27,144	0	\$0	336	\$30,784	\$92
Attend Project Team Meetings (1/month @ 2 hours ea)	ASC	4	\$908	60	\$6,840	72	\$6,264	0	\$0	136	\$14,012	\$103
Site Visits / Site Visit Reports (10hr / week)	ASC	0	\$0	24	\$2,736	1500	\$130,500	0	\$0	1524	\$133,236	\$87
Maintain BIM Models with Architectural Updates	ASC	0	\$0	0	\$0	0	\$0	160	\$9,280	160	\$9,280	\$58
Review Contractor's Submittals	ASC	16	\$3,632	64	\$7,296	136	\$11,832	0	\$0	216	\$22,760	\$105
Review Contractor's RFIs	ASC	16	\$3,632	302	\$34,428	640	\$55,680	0	\$0	958	\$93,740	\$98
Drawings Change Orders That Clarify Drawings but do not Change Scope	ASC	0	\$0	92	\$10,488	480	\$41,760	740	\$42,920	1312	\$95,168	\$73
On-Site Project Coordination	ASC	16	\$3,632	84	\$9,576	322	\$28,014	0	\$0	422	\$41,222	\$98
Review Contractor's Invoices	ASC	0	\$0	12	\$1,368	48	\$4,176	0	\$0	60	\$5,544	\$92
Review C.O.s	ASC	0	\$0	12	\$1,368	430	\$37,410	0	\$0	442	\$38,778	\$88
Substantial Completion Inspection - Acceptance / Performance Testing	ASC	0	\$0	32	\$3,648	320	\$27,840	0	\$0	352	\$31,488	\$89
Final Completion Inspection - Punchlist	ASC	0	\$0	16	\$1,824	80	\$6,960	0	\$0	96	\$8,784	\$92
Review Final As-Builts	ASC	0	\$0	0	\$0	40	\$3,480	0	\$0	40	\$3,480	\$87
Review O&M Manuals	ASC	0	\$0	0	\$0	40	\$3,480	0	\$0	40	\$3,480	\$87
Sub-Total Construction Administration		60	\$13,620	714	\$81,396	4420	\$384,540	900	\$52,200	6094	\$531,756	\$87
TOTAL LUMP SUM FEE:		60	\$13,620	714	\$81,396	4420	\$384,540	900	\$52,200.00	6094	\$531,756	\$87

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-7a, C-7b and C-7c
PARTICIPATION SCHEDULES**

TABLE C-7a DBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
				0
				0
TOTAL PROPOSED PARTICIPATION			\$0.00	0

TABLE C-7b MWBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
TOTAL PROPOSED PARTICIPATION				\$0.00	0%

TABLE C-7c LDB PARTICIPATION SCHEDULE

NAME OF FIRM	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
TOTAL PROPOSED PARTICIPATION			\$0.00	0%

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

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

FIRM	POSITION	CONTRACT HOURLY RATE
Burns Engineering, Inc.	Sr. Project Manager	\$232.00
Burns Engineering, Inc.	Sr. Engineer	\$172.00
Burns Engineering, Inc.	Project Engineer/Designer	\$140.00
Burns Engineering, Inc.	Sr. CADD Technician	\$88.00
Burns Engineering, Inc.	TRAVEL PREMIUM	\$45.00
Barich, Inc.	Project Manager	\$123.00
Barich, Inc.	Sr. Project Manager	\$160.00
Barich, Inc.	TRAVEL PREMIUM	\$40.00
Matern Professional Engineering,	Principal Engineer	\$227.00
Matern Professional Engineering,	CADD Technician	\$58.00
Matern Professional Engineering,	Eng/Design III/Field Tech III	\$87.00
Matern Professional Engineering,	Sr. Eng/Designer IV/Proj. Mgr.	\$114.00

TRUTH IN NEGOTIATION CERTIFICATION

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

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

Consultant: Burns Engineering, Inc.

By: 

Print Name: Gregory S. Spence

Date: August 26, 2022



HANDOUT
10/4/2022
Item 10
OSBD Memo

MEMORANDUM

To: Members of the Professional Services Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: October 04, 2022

Re: Request for Approval of an Addendum to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1 Agreement with Burns Engineering, Inc. for Construction Phase Services for BP-S00195, South Terminal C, Phase 1X Restart - Technology & Multi-Media Services at the Orlando International Airport

We have reviewed the proposal and determined that, due to the specialized scope of the technology and multi-media building systems, Burns Engineering, Inc. does not propose small business participation on this Addendum.

Our analysis indicates that Burns Engineering, Inc. is eligible for award of the subject Addendum.

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. 16 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP-S00168, South Terminal C, Phase 1, Airside Terminal Interiors, Finishes and Specialties (GMP No. 6-S.4), for a total negotiated GMP Amendment amount of \$354,295.34, which includes \$36,285.50 for Direct Cost of Work, \$70,000.00 for CM@R Contingency, \$225,653.23 for Owner Contingency, \$2,337.38 for Performance and Payment Bond, and \$20,019.23 for the CM@R's Fee (6.031%), resulting in a revised GMP amount of \$73,369,524.67, with funding from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds; subject to funding consensus by the CFOC. [Subsequent to the Construction Committee meeting, the CFOC consensed funding for this item, as outlined above.]

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 17 TO THE CONSTRUCTION MANAGEMENT AT RISK (CM@R) ENTITY SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HENSEL PHELPS CONSTRUCTION FOR BP-S00177, SOUTH TERMINAL C AIRSIDE EXPERIENTIAL MEDIA ENVIRONMENT (EME) (GMP NO. 6-S.5), AT THE ORLANDO INTERNATIONAL AIRPORT.

7. [A handout was presented, which includes a revised Memorandum and an Office of Small Business Development Memorandum.] Mr. Corthell presented the memorandum, dated October 4, 2022. Agenda item Nos. 3, 4, 5, 6, and 7 were considered in one motion. Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Gilliam, vote carried to recommend to the Aviation Authority approval of an Amendment to Addendum No. 17 to the Construction Management at Risk (CM@R) Entity Services for South Terminal C, Phase 1, Agreement with Hensel Phelps Construction, for BP-S00177, South Terminal C, Phase 1, Airside Experiential Media Environment (GMP No. 6-S.5), for a total negotiated deductive GMP Amendment amount of (\$4,269.41), which includes the deductive amount of (\$4,000.00) from Direct Cost of Work, the deductive amount of (\$28.16) from Performance and Payment Bond, and the deductive amount of (\$241.25) from the CM@R Fee (6.031%), resulting in a revised GMP amount of \$9,958,716.92, with funding credited to General Airport Revenue Bonds; subject to funding consensus by the CFOC. [Subsequent to the Construction Committee meeting, the CFOC consensed funding for this item, as outlined above.]

REQUEST FOR RECOMMENDATION OF AWARD OF BP-S00195, TERMINAL C, PHASE 1X - AIRSIDE CONCOURSE TO HENSEL PHELPS CONSTRUCTION CO., DBA HENSEL PHELPS CONSTRUCTION, AT THE ORLANDO INTERNATIONAL AIRPORT.

8. [A handout was presented, which includes a revised Memorandum and an Office of Small Business Development Memorandum.] Mr. Corthell presented the memorandum, dated October 4, 2022. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to recommend to the Aviation Authority Board approval of an Award of BP-S00195 Term C, Ph 1X – Airside Concourse to Hensel Phelps Construction Co., dba Hensel Phelps Construction, for the total lump sum bid amount of \$277,006,000.00, with funding from General Airport Revenue Bonds, Passenger Facility Charges, Bipartisan Infrastructure Law (BIL) AIG, BIL ATP, PFC and FDOT grants to the extent eligible.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT (OAR PRIME ENTITY) SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR STAFF EXTENSION SUPPORT SERVICES FOR BP-S00195, SOUTH TERMINAL C, PHASE 1X RESTART, AT THE ORLANDO INTERNATIONAL AIRPORT.

9. [A handout was presented, which includes a revised Memorandum and Backup Documentation, and an Office of Small Business Development Memorandum.] Mr. Corthell presented the memorandum, dated October 4, 2022. Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Gilliam, vote carried to approve an Addendum to the Continuing Program and Project Management Services Agreement with AECOM Technical Services, Inc. for Staff Extension Support Services to support Terminal C Phase 1X Airside Concourse Restart, for the total not-to-exceed fee amount of \$247,611.00, with funding from General Airport Revenue Bonds, Passenger Facility Charges to the extent eligible, and FDOT Grants to the extent eligible; subject to funding consensus by the CFOC. [Subsequent to the Construction Committee meeting, the CFOC consensed funding for this item, as outlined above.]

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE TECHNOLOGY AND MULTI-MEDIA SYSTEMS SPECIALTY ENGINEER FOR SOUTH TERMINAL C, PHASE 1, AGREEMENT WITH BURNS ENGINEERING, INC. FOR ADDITIONAL CONSTRUCTION PHASE SERVICES FOR BP-S00195, SOUTH

TERMINAL C, PHASE 1X RESTART - TECHNOLOGY AND MULTI-MEDIA SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

10. [A handout was presented, which includes an Office of Small Business Development Memorandum.] Mr. Corthell presented the memorandum, dated October 4, 2022. Discussion ensued.

Upon motion of Mr. Pelletier, second by Mr. Hunt, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the Technology and Multi-Media Systems Specialty Engineer for South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Additional Construction Phase Services for BP-S00195, South Terminal C, Phase 1X Restart - Technology and Multi-Media Services, for the total lump sum fee amount of \$2,552,904.00, with funding from General Airport Revenue Bonds and Passenger Facility Charges to the extent eligible; subject to funding consensus by the CFOC. [Subsequent to the Construction Committee meeting, the CFOC consensed funding for this item, as outlined above.]

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE ARCHITECT OF RECORD FOR SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR ADDITIONAL CONSTRUCTION PHASE SERVICES FOR BP-S00195, SOUTH TERMINAL C, PHASE 1X RESTART - ARCHITECT OF RECORD SERVICES (AND MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.

11. [A handout was presented, which includes a revised Memorandum and Backup Documentation, and an Office of Small Business Development Memorandum.] Mr. Corthell presented the memorandum, dated October 4, 2022. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to recommend to the Aviation Authority approval an Addendum to the Architect of Record for South Terminal C, Phase 1, Agreement with HNTB Corporation for Construction Phase Services for South Terminal C, Phase 1X Restart - Architect of Record Services (& Major Subs), for the total amount of \$9,531,680.00, which includes the not-to-exceed fee amount of \$6,233,365.00, and the lump sum amount of \$3,298,315.00, with funding from General Air ort Revenue Bonds, Passenger Facility Charges, and FDOT Grants to the extent eligible; subject to funding consensus by the CFOC. [Subsequent to the Construction Committee meeting, the CFOC consensed funding for this item, as outlined above.]

REQUEST FOR APPROVAL OF PURCHASE OF CABLE MANAGEMENT ITEMS FROM AGATI FURNITURE, UTILIZING CONTINGENCY FUNDS TO SUPPLEMENT THE PURCHASE FROM W-S00145, SOUTH TERMINAL C, PHASE 1 - OWNER FURNISHED FF&E AND IT ITEMS, AT THE ORLANDO INTERNATIONAL AIRPORT.

12. [A handout was presented, which includes a revised Memorandum and Backup Documentation, additional Backup Documentation, and an Office of Small Business Development Memorandum.] Ms. Merck presented the memorandum, dated October 4, 2022. Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Pelletier, vote carried to approve the purchase of Cable Management Items from Agati Furniture, utilizing Contingency funds to supplement the purchase from W-S00145, South Terminal C, Phase 1-Owner Furnished FF&E and IT Items, for the total amount of \$8,541.10, with funding from previously approved General Airport Revenue Bonds.

GENERAL

REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING ROOFING CONSTRUCTION SERVICES AGREEMENT WITH P&A ROOFING AND SHEET METAL, INC. FOR R-00100, ON-CALL EMERGENCY ROOF REPAIRS AND WATERPROOFING MAINTENANCE, AT THE ORLANDO INTERNATIONAL AIRPORT.

13. This item was deferred.

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE CONSTRUCTION-ENGINEERING-FINANCIAL CONSULTING SERVICES AGREEMENT WITH ANSER ADVISORY CONSULTING, LLC TO PROVIDE FY 2023 SERVICES RELATED TO PASSENGER FACILITY CHARGE APPLICATIONS AND AMENDMENTS AND GRANT MANAGEMENT SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

14. [A handout was presented, which includes a revised Memorandum and an Office of Small Business Development Memorandum.] Mr. Brancheau presented the memorandum, dated October 4, 2022. Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Gilliam, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the Construction-Engineering-Financial Consulting Services Agreement with Anser Advisory



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida 32827-4392

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Kathleen M. Sharman, Vice Chair, Construction Committee

DATE: October 19, 2022

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve of an Addendum to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Construction Phase Services for Bid Package (BP) No. S00195, Terminal C, Phase 1 Expansion (P1X), Airside Concourse, at the Orlando International Airport

BACKGROUND

In 2015, the firm providing Technology and Multi-Media Systems Specialty Engineering Services for the South Terminal C Program was selected through a competitive award process. These services are paid for on an annual basis through program duration.

On August 19, 2015, the Aviation Authority Board approved the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement to Burns Engineering, Inc.

The initial design of Terminal C, Phase 1 (P1), included sixteen gates as part of the Airside Concourse. In 2018, the Aviation Authority expanded the initial design to include three additional gates and related capacity improvements, such as additional airfield paving and an additional baggage handling carousel in the Landside Terminal. The Aviation Authority's Capital Improvement Plan (CIP) refers to this expansion as South Terminal C, P1X. In 2020, portions of P1 and P1X were deferred as a result of the COVID-19 pandemic, including four Airside Concourse gates. After the deferral of these gates, the deferred portions of 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, including as-built documents for some trades.

In November 2021, the Bipartisan Infrastructure Law (BIL) was passed, including a discretionary grant program administered by the Federal Aviation Administration (FAA). To apply for the grant, the Aviation Authority had to update its CIP to reflect both the BIL entitlement grants and the discretionary grant. In March 2022, the Aviation Authority's updated CIP included a new **Terminal C P1X Airside Concourse Restart Program**. Since then, the Aviation Authority submitted its initial grant pre-application, and on July 10, 2022, the Aviation Authority was notified that a \$50 million BIL discretionary grant was authorized for the Terminal C PIX Program. In April 2022, the Aviation Authority Board approved the fast-track completion of the design documents for BP No. S00195 by HNTB Corporation. These services have now been completed. In September 2022, the Aviation Authority Board approved the update to the FY 2021 – 2027 CIP which included BP No. S00195

BP No. S00195 will construct four aircraft gates as part of the expansion of Terminal C at the Orlando International Airport. Scope will include, but is not limited to, concrete, masonry, waterproofing, fireproofing, doors, frames and hardware, tile, resilient tile and carpet, fire suppression, plumbing and

Heating, Ventilation, Air Conditioning (HVAC), electrical and low voltage work, elevators, an escalator and all work required by the bid documents to complete the project.

The construction is scheduled to start in November 2022 and complete in November 2025.

ISSUES

A fee has been negotiated with Burns Engineering, Inc. for the total amount of \$2,552,904 for Construction Phase Services for BP No. S00195, Terminal C, Phase 1 Expansion (P1X), Airside Concourse, at the Orlando International Airport. Services will include, but are not be limited to, assistance to the Aviation Authority in areas of technology and multi-media implementation, oversight, coordination, and construction administration.

The Aviation Authority has reviewed the proposal from Burns Engineering, Inc., and determined that, due to the specialized scope of the services, Burns Engineering, Inc. does not propose any small business participation on this addendum, and certifies that Burns Engineering, Inc. is in good standing as it relates to its small business participation.

On October 4, 2022, the Construction Committee recommended approval of an Addendum to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Construction Phase Services for BP No. S00195, Terminal C, Phase 1 Expansion (P1X), Airside Concourse, at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$2,552,904. Funding is from Passenger Facility Charges to the extent eligible and General Airport Revenue Bonds. ✓

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve an Addendum to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Construction Phase Services on BP No. S00195, Terminal C, Phase 1 Expansion (P1X), Airside Concourse, at the Orlando International Airport, for the total lump sum fee amount of \$2,552,904, 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.