

GOAA DATE 8/17/2022
ITEM 5.A
DOC 101454

**AMENDMENT 4 to ADDENDUM NO. 25
TO THE AGREEMENT DATED SEPTEMBER 15, 2015
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND BURNS ENGINEERING, INC.**

Project: Additional Construction Administration Services for FY22 for W-S113 South Terminal C Phase 1 – Technology and Multi-Media Services, Orlando International Airport

THIS AMENDMENT is effective this 17th day of August, 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 Amendment 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 **SEVEN HUNDRED TWENTY-NINE THOUSAND ONE HUNDRED SIXTY-TWO AND NO/100 DOLLARS (\$729,162.00)**, broken down as follows:

Professional Fees:	NTE:	\$0.00
Professional Fees:	LS:	\$729,162.00
Reimbursable Expenses:	NTE:	<u>\$0.00</u>
Total:		\$729,162.00

3. Except as expressly modified in this Amendment, 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 Amendment this 23 day of August, 2022.

GREATER ORLANDO AVIATION AUTHORITY

Approved as to Form and Legality
(for the benefit of GOAA only)
this 23 day of Aug, 2022
By: K. R.
NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority

By: [Signature]
Kevin J. Thibault, P.E.
Chief Executive Officer

BURNS ENGINEERING, INC.

By: [Signature]
Signature (Duly Authorized Rep.)
Brian Phillips
Printed Name
Vice President
Title



HANDOUT
8/3/2022 CCM
Item 7
Revised Memo & Backup

Memorandum

To: Members of the Construction Committee

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

Date: August 3, 2022

Re: Request for Recommendation of Approval of an Amendment to Addendum 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1 Agreement with Burns Engineering, Inc. for Additional Construction Administration Services for FY22 for W-S00113 South Terminal C (Phase 1) - Technology and Multi-Media Services at the Orlando International Airport

On August 3, 2021 the Construction Committee recommended approval of Addendum 25 in the amount of \$2,014,007.00 for FY22 CA services through May 31, 2022 to the above-referenced agreement which the Aviation Authority Board approved on August 18, 2021. On May 24, 2022 the Construction Committee approved an Amendment in the amount of \$217,568 for services effective June 1-June 30, 2022. On June 28, 2022 the Construction Committee approved an Amendment in the amount of \$217,568 for services effective July 1-July 31, 2022. Since that time it has been discovered that additional services are required as further described in Consultant's proposal dated July 26, 2022. These services will provide support for project WS00113 for both South Terminal C, Phase 1 and South Terminal C, Phase 1 Expansion.

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 Florida Department of Transportation grant to the extent eligible. Funding source verified by VHinds of Construction Finance on 7/29/22 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Amendment to Addendum 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1 Agreement with Burns Engineering, Inc. for the services contained herein and as detailed in the tables below:

Not to Exceed Fees	\$0.00
Lump Sum Fees	\$729,162.00
Not to Exceed Expenses	\$0.00
TOTAL	\$ 729,162.00
AAC – Compliance Review Date	<i>JSS</i> 7/29/22
AAC – Funding Eligibility Review Date	7/28/22



July 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, Phase 1
& 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 1 project for the Greater Orlando Aviation Authority (GOAA).

Phase 1 Construction Administration

Aviation Authority
Board approval
(August 17,
2022)

This proposal includes the scope and fee to continue our construction administration services starting ~~August 1, 2022~~ and span through December 31, 2022. This proposal supplements our current Fiscal Year 5 ECA scope of work and fees, which were authorized from October 1, 2021 – July 31, 2022 with an additional five months of service.

Avcon, Celtic, MIRA, Sardi Design, and SMI all have sufficient fee to continue their terminal and EME Moment Vault and Windows features construction administration support an additional five months without submitting an additional proposal.

Burns, Barich, and Matern have submitted fees to maintain our current level of enhanced construction support, including five full time employees on-site through project opening. Starting in October our fees decrease monthly in anticipation of a natural decline of services required. All current on-site employees will remain at the trailer complex through the end of the year.

Overview

This proposal includes the Construction Administration services to support our building design associated with WS-113 for the following bid packages:

- Airside Concourse
- Landside Terminal
- Ground Transportation Facility
- Parking Garage – Phase 2



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:

July 26, 2022 Proposal

Aviation Authority Board approval
(August 17, 2022)

Enhanced Construction Administration ~~August 1, 2022~~ - December 31, 2022

Aviation Authority
Board approval
(August 17, 2022)

This proposal includes the scope and fee to continue our construction administration services starting ~~August 1, 2022~~ and span through December 31, 2022. This proposal supplements our current Fiscal Year 5 ECA scope of work and fees, which were authorized from October 1, 2021 - July 31, 2022, with an additional five months of service.

Aviation Authority Board approval (August 17, 2022)

ECA Fiscal Year 5 Extension: ~~August 1, 2022~~ - December 31, 2022: \$729,162.00

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

Regards,
Burns Engineering, Inc.

Brian Phillips, PE
Vice President, Aviation

2016-093

Burns Engineering, Inc
Scope of Services for Construction Phase Support Services
Orlando International Airport South Terminal C Phase 1 & Phase 1X (as applicable)
Technology Engineering and Multi-Media

1. INTRODUCTION

Burns Engineering, Inc. (Burns) will provide Construction Phase Support Services for the new South Terminal C Phase 1 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)
- Integrated Airport Management System (IAMS)
- Resource Management System (RMS)
- Passive Optical Network (PON) and Local Area Network (LAN)
- Communication Rooms / Spaces (MDFs, IDF, Control Rooms)
- Distributed Antenna System (DAS) – Operations (400MHz), Public Safety (800MHz), Cellular
- Physical Access Control System
- Intrusion Detection System
- IP Video Surveillance System (VSS)
- Global Positioning System (GPS)
- Advanced Visual Docking Guidance System (A-VDGS)
- TSA Checkpoint Queue Management System
- Wireless Local Area Network (WLAN)
- Bluetooth Indoor Wayfinding
- Emergency Communication System (ECS) / Public Address System
- Automated Passport Control / Mobile Passport Control
- 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 August 1, 2022 and span through December 31, 2022. This proposal supplements our current Fiscal Year 5 ECA scope of work and fees, which were authorized from October 1, 2021 – July 31, 2022, with an additional five months of service.

Aviation Authority
Board approval
(August 17, 2022)

3. DRAWING PACKAGES

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

- a. Airside Concourse
- b. Landside Terminal
- c. Ground Transportation Facility
- d. Parking Garage – Phase 2
- e. Central Energy Plant
- f. Emergency Standby Generator Plant
- g. Checkpoint Delta
- h. Ground Support Equipment
- i. Landside Civil

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 CMAR 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 CMARs 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 CMAR 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** – review contractor as-builts and operation and maintenance (O&M) manuals for compliance with contract documents.

HAHN INTEGRATED SYSTEMS, INC. (HAHN, INC.)
- 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 CMAR’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 each CMAR 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 CMAR is ultimately responsible for this work, Burns will provide monitoring and oversight to confirm that the CMAR’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
- Evaluations of functionality for new capabilities such as self-service bag drop and self-tagging, and RFID bag tracking
- 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

July 26, 2022 Proposal

Aviation Authority Board approval
(August 17, 2022)

Our C-Table back-up files span from ~~August 1, 2022~~ through December 31, 2022

FY 2022 Five Month Extension: ~~August 1, 2022~~ – December 31, 2022: \$729,162.00.

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-1
SUMMARY OF TOTAL CONTRACT VALUE
FY 2022 ~~Aug 1, 2022~~ - Project Close-Out Dec 31, 2022

AUGUST 17

Phase of Project:	Const. Admin.	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$729,162.00	\$729,162.00
4.0 TOTAL CONTRACT VALUE:	\$729,162.00	\$729,162.00
Total Lump Sum Labor Hours:	5579.00	5579.00
TOTAL LABOR HOURS:	5579.00	5579.00
Average Hourly Rate:	\$130.70	\$130.70

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	4143	\$587,004	4143	\$587,004.00	\$142
Barich, Inc.					
Lump Sum Fee Subtotal	140	\$22,400	140	\$22,400.00	\$160
Matern Professional Engineering, Inc.					
Lump Sum Fee Subtotal	1296	\$119,758	1296	\$119,758.00	\$92
Total Lump Sum Amount:	5579	\$729,162	5579	\$729,162.00	\$131

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

BREAKDOWN OF LUMP SUM FEES

Position:	Rate (\$/Hour):	Building	Sr. Project Manager		Sr. Project Manager Travel		Sr. Engineer		Sr. Engineer Travel		Project Engineer/Designer		Engineer		Sr. CADD Technician		Project Coordinator		TOTAL			
			labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost
Burns Engineering, Inc.																						
Construction Administration																						
Attend Project Team Meetings		N/A	32	\$7,424	8	\$2,216	0	\$0	16	\$3,472	0	\$0	0	\$0	0	\$0	0	\$0	56	\$13,112		\$234
Maintain BIM Models with Architectural Updates		N/A	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	32	\$2,816	0	\$0	32	\$2,816		\$88
Review Contractor's Submittals		N/A	6	\$1,392	0	\$0	88	\$15,136	0	\$0	6	\$840	8	\$928	0	\$0	0	\$0	108	\$18,296		\$169
Review Contractor's RFIs		N/A	48	\$11,136	0	\$0	64	\$11,008	0	\$0	8	\$1,120	8	\$928	56	\$4,928	0	\$0	184	\$29,120		\$158
Drawings Change Orders That Clarify Drawings but do not Change Scope		N/A	24	\$5,568	0	\$0	48	\$8,256	0	\$0	3	\$420	0	\$0	144	\$12,672	0	\$0	219	\$26,916		\$123
On-Site Project Coordination		N/A	0	\$0	56	\$15,512	0	\$0	32	\$6,944	0	\$0	0	\$0	0	\$0	0	\$0	88	\$22,456		\$255
Enhanced CA - Project Engineer Design, Site Observations, Punchlists		N/A	0	\$0	0	\$0	0	\$0	0	\$0	824	\$115,360	0	\$0	0	\$0	0	\$0	824	\$115,360		\$140
Enhanced CA - Project Coordinator		N/A	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	540	\$51,840	540	\$51,840		\$96
Enhanced CA - Lead Construction Coordinator - Full Time On-Site		N/A	0	\$0	0	\$0	0	\$0	0	\$0	824	\$115,360	0	\$0	0	\$0	0	\$0	824	\$115,360		\$140
Enhanced CA - Change Order Review, Submittals, Invoice Review		N/A	0	\$0	0	\$0	444	\$76,388	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	444	\$76,388		\$172
Enhanced CA - Premise Distribution System - Full Time On-Site		N/A	0	\$0	0	\$0	0	\$0	0	\$0	824	\$115,360	0	\$0	0	\$0	0	\$0	824	\$115,360		\$140
Sub-Total Construction Administration			110	\$25,520	64	\$17,728	644	\$110,768	48	\$10,416	2489	\$348,460	16	\$1,856	232	\$20,416	540	\$51,840	4143	\$587,004		\$142
TOTAL LUMP SUM FEE:			110	\$25,520	64	\$17,728	644	\$110,768	48	\$10,416	2489	\$348,460	16	\$1,856	232	\$20,416	540	\$51,840	4,143	\$587,004.00		\$142

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

Position:	Sr. Project Manager		TOTAL			
	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate	
Rate (\$/Hour):	\$160.00					
Barich, Inc.						
Construction Administration						
Monthly Sustaining Activities: RFIs, Submittals, Meetings	N/A	140	\$22,400	140	\$22,400	\$160
Sub-Total Construction Administration		140	\$22,400	140	\$22,400	\$160
TOTAL LUMP SUM FEE:		140	\$22,400	140	\$22,400	\$160

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

Position:		Sr. Project Mgr/QC/Engineer V		Sr. Eng/Designer IV/Proj. Mgr.		Eng/Design III/Field Tech III		TOTAL		
Rate (\$/Hour):		\$123.00		\$94.00		\$79.00		labor hours	Cost	Avg. Hourly Rate
Matern Professional Engineering, Inc.		labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Construction Administration										
Attend Construction Meetings (2 every 1 weeks @ 1 hours each)	N/A	0	\$0	32	\$3,008	0	\$0	32	\$3,008	\$94
Attend Project Team Meetings (1/month @ 2 hours ea)	N/A	0	\$0	16	\$1,504	0	\$0	16	\$1,504	\$94
Site Visits / Site Visit Reports (10hr / week)	N/A	0	\$0	120	\$11,280	54	\$4,266	174	\$15,546	\$89
Maintain BIM Models with Architectural Updates	N/A	0	\$0	0	\$0	30	\$2,370	30	\$2,370	\$79
Review Contractor's Submittals	N/A	15	\$1,845	30	\$2,820	30	\$2,370	75	\$7,035	\$94
Review Contractor's RFIs	N/A	28	\$3,444	60	\$5,640	45	\$3,555	133	\$12,639	\$95
Drawings Change Orders That Clarify Drawings but do not Change Scope	N/A	8	\$984	8	\$752	64	\$5,056	80	\$6,792	\$85
On-Site Project Coordination	N/A	16	\$1,968	24	\$2,256	20	\$1,580	60	\$5,804	\$97
Review Contractor's Invoices	N/A	4	\$492	16	\$1,504	0	\$0	20	\$1,996	\$100
Review C.O.s	N/A	4	\$492	16	\$1,504	0	\$0	20	\$1,996	\$100
Substantial Completion Inspection - Acceptance / Performance Testing	N/A	24	\$2,952	120	\$11,280	54	\$4,266	198	\$18,498	\$93
Final Completion Inspection - Punchlist	N/A	32	\$3,936	160	\$15,040	88	\$6,952	280	\$25,928	\$93
Review Final As-Builts	N/A	8	\$984	28	\$2,632	0	\$0	36	\$3,616	\$100
Review O&M Manuals	N/A	16	\$1,968	24	\$2,256	0	\$0	40	\$4,224	\$106
Prepare Record Drawings/Document:	N/A	6	\$738	32	\$3,008	64	\$5,056	102	\$8,802	\$86
Sub-Total Construction Administration		161	\$19,803	686	\$64,484	449	\$35,471	1296	\$119,758	\$92
TOTAL LUMP SUM FEE:		161	\$19,803	686	\$64,484	449	\$35,471	1296	\$119,758	\$92

**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.	Engineer	\$116.00
Burns Engineering, Inc.	Sr. CADD Technician	\$88.00
Burns Engineering, Inc.	Project Coordinator	\$96.00
Burns Engineering, Inc.	TRAVEL PREMIUM	\$45.00
Barich, Inc.	Sr. Project Manager	\$160.00
Matern Professional Engineering, Inc.	Eng/Design III/Field Tech III	\$79.00
Matern Professional Engineering, Inc.	Sr. Eng/Designer IV/Proj. Mgr.	\$94.00
Matern Professional Engineering,	Sr. Project Mgr/QC/Engineer V	\$123.00

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: July 26, 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: August 3, 2022

Re: Request for Recommendation of Approval of an Amendment to Addendum 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1 Agreement with Burns Engineering, Inc. for Additional Construction Administration Services for FY22 for W-S00113 South Terminal C (Phase 1) - Technology and Multi-Media Services at the Orlando International Airport

The Office of Small Business Development has reviewed the proposal and determined that Burns Engineering, Inc. does not propose small business participation on the subject amendment. This request is to continue the construction administration services through December 31, 2022 for Burns and its non-MWBE/LDB subconsultants Barich and Matern.

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

Upon motion of Mr. Pelletier, second by Ms. Sharman, vote carried to approve Change Order E-S00012-01, for the total deductive amount of (\$20,000.00), and no time extension, with funding credited to previously approved Passenger Facility Charges and General Airport Revenue Bonds.

- D. **CHANGE ORDER H-00351-01 FOR VARIOUS REVISIONS.** Mr. Pancoast presented the request for Change Order No. 01 on H-00351, AS1-AS3 Triturator Pipe video and Canal Cattle Gate install, with Carr & Collier, Inc. Discussion ensued.

Upon motion of Mr. Pelletier, second by Ms. Sharman, vote carried to approve Change Order H-00351-01, for the total amount of \$57,906.15, and a time extension of 45 calendar days to Substantial Completion, with funding from previously approved Operations and Maintenance Funds.

- E. **CHANGE ORDER V-S0029-02 FOR CONDUIT SYSTEM INSTALL.** [A handout was presented, which includes a revised Coversheet.] Mr. McGonagill presented the request for Change Order No. 02 on V-S0029, STC LST Levels 2-7 Misc. Improvements (Design/Build), with R.L. Burns, Inc. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to approve Change Order V-S0029-02, for the total amount of \$31,406.25, and no time extension, with funding from previously approved General Airport Revenue Funds.

TERMINAL C

REQUEST FOR RECOMMENDATION OF APPROVAL TO AWARD PROJECT NO. BP-S00195, TERMINAL C, PHASE 1 EXPANSION (P1X), AIRSIDE CONCOURSE, AT THE ORLANDO INTERNATIONAL AIRPORT.

3. This item has been deferred.

REQUEST FOR RECOMMENDATION OF APPROVAL TO AWARD PROJECT NO. BP-S00196, TERMINAL C, PHASE 1 EXPANSION (P1X), AIRFIELD CIVIL, APRON AND TAXIWAY PAVING, AT THE ORLANDO INTERNATIONAL AIRPORT.

4. This item has been deferred.

REQUEST FOR RECOMMENDATION OF APPROVAL TO AWARD PROJECT NO. BP-S00198, TERMINAL C, PHASE 1 EXPANSION (P1X), GROUND TRANSPORTATION FACILITY PEDESTRIAN BRIDGE, AT THE ORLANDO INTERNATIONAL AIRPORT.

5. This item has been deferred.

REQUEST FOR APPROVAL OF A NO COST TIME EXTENSION TO THE TECHNOLOGY AND MULTI-MEDIA SYSTEMS SPECIALTY ENGINEER FOR THE SOUTH TERMINAL C, PHASE 1, AGREEMENT WITH BURNS ENGINEERING, INC. TO EXTEND THE SERVICES OF ADDENDUM NO. 25 AND AMENDMENTS 1 AND 2 TO THIS ADDENDUM.

6. [A handout was presented, which includes a revised Memorandum and additional Backup Documentation.] Ms. McKeown presented the memorandum, dated August 3, 2022. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to approve a No Cost Time Extension to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. to Extend the Services of Addendum No. 25 and Amendments 1 and 2 to this Addendum, with no fiscal impact.

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 25 TO THE TECHNOLOGY AND MULTI-MEDIA SYSTEMS SPECIALTY ENGINEER FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH BURNS ENGINEERING, INC. FOR ADDITIONAL CONSTRUCTION ADMINISTRATION SERVICES FOR FY 2022 FOR W-S00113, SOUTH TERMINAL C (PHASE 1) - TECHNOLOGY AND MULTI-MEDIA SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

7. [A handout was presented, which includes a revised Memorandum and Backup Documentation.] Mr. Corthell presented the memorandum, dated August 3, 2022. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to recommend to the Aviation Authority Board approval of an Amendment to Addendum No. 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1 Agreement with Burns Engineering, Inc. for Additional Construction Administration Services for FY 2022 for W-S00113, South Terminal C (Phase 1) - Technology and Multi-Media Services, for the total

lump sum fee amount of \$729,162.00, with funding from General Airport Revenue Bonds, Customer Facility Charges, Passenger Facility Charges to the extent eligible, and FDOT grant to the extent eligible.

REQUEST FOR RECOMMENDATION OF APPROVAL OF ADDITIONAL PREMIUM FOR BUILDERS RISK INSURANCE POLICIES FOR TERMINAL C, PHASE 1, AT ORLANDO INTERNATIONAL AIRPORT.

8. Ms. Cottman presented the memorandum, dated August 3, 2022. Discussion ensued.

Upon motion of Mr. Pelletier, second by Mr. Gilliam, vote carried to recommend to the Aviation Authority Board approval of an Additional Premium for Builders Risk Insurance Policies for Terminal C, Phase 1, for the total not-to-exceed fee amount of \$1,125,791.00, with funding from General Airport Revenue Bonds.

GENERAL

REQUEST FOR APPROVAL OF A JOB ORDER CONSTRUCTION SERVICES ADDENDUM TO THE CONTINUING VERTICAL CONSTRUCTION SERVICES AGREEMENT WITH OVATION CONSTRUCTION, INC., FOR V-00979, ORL COLONIAL PROMENADE RTU HVAC SUITE 4308 UPGRADE, AT THE ORLANDO EXECUTIVE AIRPORT.

9. [A handout was presented, which includes a revised Memorandum.] Mr. Pancoast presented the memorandum, dated August 3, 2022. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to approve a Job Order Construction Services Addendum to the Continuing Vertical Construction Services Agreement with Ovation Construction, Inc., for V-00979, ORL Colonial Promenade RTU HVAC Suite 4308 Upgrade, for the total direct-negotiated amount of \$47,614.42, and waive the requirement for Performance and Payment Bonds, with funding from previously approved OEA Revenue Fund; 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 TO AMEND PURCHASE ORDER NO. 1006643 TO PURCHASE ADDITIONAL PASSIVE OPTICAL LOCAL AREA NETWORK (PON) SERVICES IN SUPPORT OF W-00401, SELECTION OF PASSIVE OPTICAL LOCAL AREA NETWORK (LAN) MANUFACTURER, AT THE ORLANDO INTERNATIONAL AIRPORT.

10. [A handout was presented, which includes a revised Memorandum and additional Backup Documentation.] Ms. Harvey presented the memorandum, dated August 3, 2022. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to Amend Purchase Order No. 1006643 to Purchase additional Passive Optical Local Area Network (PON) Services in support of W-00401, Selection of Passive Optical Local Area Network (LAN) Manufacturer, for the total not-to-exceed expense amount of \$189,192.79 with funding from General Airport Revenue Bonds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH PSA CONSTRUCTORS, INC. DBA PSA MANAGEMENT, INC. FOR FY 2022 ADDITIONAL STAFF SUPPORT SERVICES TO THE SMALL BUSINESS DEVELOPMENT DEPARTMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.

11. Ms. Molina presented the memorandum, dated August 3, 2022. Discussion ensued.

Upon motion of Mr. Pelletier, second by Mr. Gilliam, vote carried to approve an Addendum to the Continuing Program and Project Management Services Agreement with PSA Constructors, Inc. dba PSA Management, Inc. for FY 2022 Staff Support Services to the Small Business Development Department, for the total not-to-exceed fee amount of \$69,888.00, with funding from Operation and Maintenance Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING PROGRAM AND PROJECT MANAGEMENT SERVICES AGREEMENT WITH PSA CONSTRUCTORS, INC. DBA PSA MANAGEMENT, INC. FOR FY 2023 STAFF SUPPORT SERVICES TO THE SMALL BUSINESS DEVELOPMENT DEPARTMENT, AT THE ORLANDO INTERNATIONAL AIRPORT.

12. Ms. Molina presented the memorandum, dated August 3, 2022. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to approve an Addendum to the Continuing Program and Project management Services Agreement with PSA Constructors, Inc. dba PSA Management, Inc. for FY 2023 Staff Support Services to the Small Business Development Department, for the total not-to-exceed fee amount of \$216,320.00, with funding from Operation and Maintenance Funds.



GREATER ORLANDO AVIATION AUTHORITY

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

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Davin D. Ruohomaki, Chairman, Construction Committee

DATE: August 17, 2022

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve of an Amendment to Addendum No. 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Additional Construction Administration Services for W-S00113, South Terminal C, Phase 1 - Technology and Multi-Media Services, at the Orlando International Airport

BACKGROUND

The 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 19 airline gates and a landside terminal with both secure and non-secure areas, and may include, but is not limited to, all 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 Technology and Multi-Media Systems Specialty Engineering Services for the 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.

On August 18, 2021, the Aviation Authority Board approved Addendum No. 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement to Burns Engineering, Inc. for \$2,014,007 for Construction Administration Services for W-S00113, South Terminal C, Phase 1 - Technology and Multi-Media Services, at the Orlando International Airport.

Since 2021, Amendment Nos. 1 and 2 to Addendum No. 25 have been approved as follows:

Amendment No.	Date Approved	Amount of GMP Amendment	Revised GMP Amount
1	May 24, 2022	\$217,568	\$2,231,575
2	June 28, 2022	\$217,568	\$2,449,143
3	August 3, 2022*	\$ 0	\$2,449,143
Total		\$435,136	

*Amendment No. 3 is a no-cost time extension to Addendum No. 25 and Amendment Nos. 1 and 2, to extend services through August 17, 2022.

ISSUES

On June 15, 2022, the Aviation Authority Board approved a net increase of \$40 million to the Capital Improvement Plan (CIP) for the Orlando International Airport, which is directly related to the budget and funding plan for the South Terminal C Program. The fees for today's New Business Agenda Item A are part of this \$40 million.

A fee has been negotiated with Burns Engineering, Inc. for the total amount of \$729,162 for Additional Construction Administration Services for W-S00113, South Terminal C, Phase 1 - Technology and Multi-Media Services, at the Orlando International Airport. Services will provide support for both Terminal C, Phase 1, and Phase 1 Expansion, and include, but not be limited to, assistance to the Aviation Authority in areas of technology and multi-media implementation, oversight, coordination, and construction administration. Services will be provided through program duration.

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 amendment. This amendment is to continue the construction administration services for Burns Engineering, Inc. and its non-Minority and Women Business Enterprise (MWBE)/Local Developing Business (LDB) subconsultants, Barich, Inc. and Matern Professional Engineering, Inc., and certifies that Burns Engineering, Inc. is in good standing as it relates to its small business participation.

On August 3, 2022, the Construction Committee recommended approval of an Amendment to Addendum No. 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Additional Construction Administration Services for W-S00113, South Terminal C, Phase 1 - Technology and Multi-Media Services, at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$729,162. Funding is from Florida Department of Transportation (FDOT) Grants 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 Amendment to Addendum No. 25 to the Technology and Multi-Media Systems Specialty Engineer for the South Terminal C, Phase 1, Agreement with Burns Engineering, Inc. for Additional Construction Administration Services for W-S00113, South Terminal C, Phase 1 - Technology and Multi-Media Services, at the Orlando International Airport, for the total lump sum fee amount of \$729,162, with funding from FDOT Grants 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.