

**ADDENDUM NO. 4
TO THE AGREEMENT DATED JANUARY 10, 2022
BETWEEN THE GREATER ORLANDO AVIATION AUTHORITY
AND AECOM TECHNICAL SERVICES, INC.**

Project: Bid and Award Phase Services for BP-498, Taxiways G & H Rehabilitation – Phase 2, Orlando International Airport

THIS ADDENDUM is effective this 27th day of March, 2024, by and between the **GREATER ORLANDO AVIATION AUTHORITY** (“Aviation Authority”), and **AECOM TECHNICAL SERVICES, INC.** (“Consultant”).

WITNESSETH:

WHEREAS, by Agreement dated January 10, 2022, Aviation Authority and Consultant entered into an agreement for Consultant to provide services related to Design Services for Taxiways G & H Rehabilitation Phases 1 & 2; and

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

WHEREAS, the Aviation 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 Aviation 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 **NOT TO EXCEED** amount of **TWENTY-EIGHT THOUSAND SIX HUNDRED SIXTY-ONE AND NO/100 DOLLARS (\$28,661.00)**, broken down as follows:

Professional Fees:	NTE:	\$28,361.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$300.00</u>
Total:		\$28,661.00

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. Aviation 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, Aviation 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 January 10, 2022 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 day of Mar 29, 2024.

GREATER ORLANDO AVIATION AUTHORITY


boxSIGN 1V3Q39J4-4YYJ26V3

By: _____
Kevin J. Thibault, P.E.
Chief Executive Officer

**Approved as to Form and Legality
(for the benefit of GOAA only)
this day of Mar 28, 2024**


boxSIGN 1J8RLK51-4YYJ26V3
By: _____
**NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority**

AECOM TECHNICAL SERVICES, INC.


boxSIGN 46ZL28LJ-4YYJ26V3

By: _____
Signature (Duly Authorized Rep.)
Andrew Kacer

Printed Name

VP

Title



CCM HANDOUT
3/5/2024
Item IV-A
Revised Memo

Orlando
One
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: Members of the Construction Committee

From: Tuan Nguyen, P.E.
Assistant Vice President, Engineering

Date: March 5, 2024

Re: Request for Recommendation of Approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Services for BP-498 Taxiways G and H Rehabilitation – Phase 2 Orlando International Airport

Consultant’s proposal, dated October 19, 2023, is to provide the required Bid and Award phase services, as further outlined in the attached Scope of Services. The Project will be performed and constructed by GOAA with grant assistance from the Federal Aviation Administration (FAA) Airport Improvement Program (AIP) and the Florida Department of Transportation (FDOT.)

If approved, these services would be effective the date of the Aviation Authority Board approval.

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

Funding is from previously approved GOAA Capital Expenditure Funds, to be reimbursed by the Federal Aviation Administration (FAA) Airport Improvement Program (AIP) and the Florida Department of Transportation (FDOT) to the extent eligible. Funding source verified by

Melvin Martinez of Construction Finance on 03 / 01 / 24 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$28,361.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$300.00
TOTAL	\$28,661.00
AAC – Compliance Review Date	<i>SJ</i> 02/27/24
AAC – Funding Eligibility Review Date	02/27/24

October 19, 2023

Mr. Tuan Nguyen
Manager of Engineering
Greater Orlando Aviation Authority
Orlando International Airport
11314 Terminal C Service Road
Orlando, FL 32824

RE: Greater Orlando Aviation Authority
BP-498, Taxiways G & H Rehabilitation and Related Work - Phase 2
Bid and Award Phase Services

Mr. Nguyen:

AECOM Technical Services, Inc. (AECOM) is pleased to submit our Scope and Fee Proposal for Bid and Award Services for the BP-498, Taxiways G & H Rehabilitation and Related Work - Phase 2 Project (BP-498 Project).

The Design Team consists of:

Prime:

AECOM: Overall contract and management of the project, and the planning and design of the taxiway pavement improvements;

Sub-consultants:

AVCON, Inc.: Electrical, lighting, and signage;

Pegasus Engineering, LLC: Stormwater design & permitting and video, cleaning, and repair of stormwater pipe; and

Corporate Environmental Risk Management, LLC: Airfield markings.

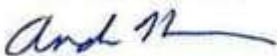
A detailed description of the project is as described in the Attached Scope of Services. For these BP-498 Project Bid and Award Services, outlined herein, we propose a not to exceed reimbursable fee amount of **\$28,361** and a not to exceed reimbursable expense amount of **\$300**, for a total contract fee amount of **\$28,661**. Exhibit A provides a detailed breakdown of labor, hourly rates and average hourly rates for the Authority's consideration.

For this task, our DBE participation is anticipated to be **13.7%**.

If you have any questions regarding this, please feel free to contact me. We would be pleased to address any issues at your convenience.

Sincerely,

AECOM Technical Services, Inc.



Andrew Kacer, PE
VP

enclosures: Exhibit A

Exhibit A

BP-498: Taxiways G & H Rehabilitation and Related Work - Phase 2 Scope of Services

PROJECT DESCRIPTION

This scope and fee include the AECOM Team's support for the Bid and Award Services for the BP-498 Project. This BP-498 Project provides rehabilitation and improvements for existing Taxiways G & H South of Taxiway F, including the taxiway connectors between Taxiways G & H.

BID AND AWARD SERVICES

AECOM, with the support of the Design Team will prepare Bid Documents for the BP-498 Project. The Bid Documents will consist of construction plans, technical specifications, front end documents as prepared by GOAA, an engineering report, and a construction cost estimate.

AECOM will prepare the pre-bid meeting presentation and agenda, attend the pre-bid meeting, and prepare pre-bid meeting minutes. AECOM will prepare and distribute addenda if applicable, will analyze contractor bids, provide the bid tabulation, and provide a bid recommendation letter. AECOM will also prepare the Construction Management Plan and assemble and distribute the Construction Contract Documents upon selection of the winning contractor.

Meetings/Deliverables (Construction Contract Documents)

- Bid Drawings Full Size (PDF);
- Front End Division 0, Division 1 and Division 2 Specifications (PDF);
- Engineering Report (PDF);
- Construction Cost Estimate (PDF);
- One (1) CD;
- Prepare agenda and attend Pre-Bid Conference;
- Issue addenda as necessary;
- Prepare Bid Tabulation;
- Prepare the Construction Management Plan;
- Provide the Authority with Bid Recommendation Letter; and
- Contract Document Project Manual (3 Copies).

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)

TABLE C-1

SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award

Phase of Project:	Bidding and Award	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$0	\$0
2.0 Not to Exceed Reimbursable Fee:	\$28,361	\$28,361
3.0 Not to Exceed Reimbursable Expenses:	\$300	\$300
4.0 TOTAL CONTRACT VALUE:	\$28,661	\$28,661

Total Lump Sum Labor Hours:	0	0
Total Not to Exceed Reimbursable Labor Hours:	181	181
TOTAL LABOR HOURS:	181	181
Average Hourly Rate:	\$156.69	\$156.69

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

TABLE C-4

SUMMARY OF NOT TO EXCEED REIMBURSABLE FEES AND EXPENSES

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award

Phase of Project:	Bidding & Award		TOTAL		
	labor hours	Total Fee	labor hours	Cost	Avg. Rate
AECOM					
Not to Exceed Reimbursable Fee	80	\$13,160	80	13,160	\$164.50
Not to Exceed Reimbursable Expenses		\$300		\$300	
Sub-Total AECOM	80	\$13,460	80	\$13,460	\$168.25
Avcon Inc.					
Not to Exceed Reimbursable Fee	36	\$6,438	36	\$6,438	\$178.83
Not to Exceed Reimbursable Expenses				\$0	
Sub-Total Avcon	36	\$6,438	36	\$6,438	\$178.83
Pegasus					
Not to Exceed Reimbursable Fee	38	\$4,846	38	\$4,846	\$127.53
Not to Exceed Reimbursable Expenses				\$0	
Sub-Total Pegasus	38	\$4,846	38	\$4,846	\$127.53
CERM					
Not to Exceed Reimbursable Fee	27	\$3,917	27	\$3,917	\$145.07
Not to Exceed Reimbursable Expenses				\$0	
Sub-Total Subconsultant CERM	27	\$3,917	27	\$3,917	\$145.07
Total Not to Exceed Amount:	181	\$28,661	181	\$28,661	\$158.35

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-5
SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award

Position:	QA/QC Reviewer		SENIOR PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER		SENIOR CADD DESIGNER		TOTAL		
Rate (\$/Hour):	\$184		\$238		\$190		\$150		\$104				Avg. Hourly
<u>AECOM</u>	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Bidding and Award													
Prepare/Reproduce/Distribute Bid Documents	4	\$736	8	\$1,904		\$0	20	\$3,000	6	\$624	38	\$6,264	\$165
Prepare/Reproduce/Distribute Bid Addenda	1	\$184	2	\$476		\$0	5	\$750	7	\$728	15	\$2,138	\$143
Prepare for and Attend/Minute Pre-Bid Meeting	0	\$0	2	\$476		\$0	4	\$600	0	\$0	6	\$1,076	\$179
Prepare Construction Management Plan	1	\$184	1	\$238	5	\$950	7	\$1,050	0	\$0	14	\$2,422	\$173
Attend/Minute Bid Opening	0	\$0	0	\$0		\$0	0	\$0	0	\$0	0	\$0	\$0
Prepare Bid Tabulation/Recommendation	1	\$184	2	\$476		\$0	4	\$600	0	\$0	7	\$1,260	\$180
Sub-Total Bidding and Award	7	\$1,288	15	\$3,570	5	\$950	40	\$6,000	13.0	\$1,352	80	\$13,160	\$165
Construction Administration (NOT IN SCOPE)													
Closeout (NOT IN SCOPE)													
Prepare Record Drawings/Docs (NOT IN SCOPE)													
TOTAL NTE FEE:	7	\$1,288	15	\$3,570	5	\$950	40	\$6,000	13	\$1,352	80	\$13,160	\$165

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-5
SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award

Position:	SR. PROJECT MANAGER		PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER		SENIOR CADD DESIGNER		TOTAL		
	\$269		\$215		\$177		\$128		\$118				Avg. Hourly
Rate (\$/Hour):													
AVCON	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Bidding and Award													
Submit Bid Documents	0	\$0	1	\$215	2	\$354	2	\$256	0	\$0	5	\$825	\$165
Attend Pre-Bid Meeting	0	\$0	3	\$645	3	\$531	0	\$0	0	\$0	6	\$1,176	\$196
Prepare/Reproduce/Distribute Bid Addenda	0	\$0	3	\$645	3	\$531	4	\$512	4	\$472	14	\$2,160	\$154
Respond to Bidders Comments	3	\$807	4	\$860	2	\$354	2	\$256	0	\$0	11	\$2,277	\$207
Sub-Total Bidding and Award	3	\$807	11	\$2,365	10	\$1,770	8	\$1,024	4	\$472	36	\$6,438	\$179
Construction Administration (NOT IN SCOPE)													
Closeout (NOT IN SCOPE)													
Prepare Record Drawings/Docs (NOT IN SCOPE)													
TOTAL NTE FEE:	3	\$ 807	11	\$ 2,365	10	\$ 1,770	8	\$ 1,024	4	\$ 472	36	\$ 6,438	\$179

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-5
SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award

Position:	PROJECT MANAGER		SR. ENGINEER		CADD TECHNICIAN		ADMINISTRATIVE ASSISTANT		TOTAL		
	\$173		\$159		\$91		\$74				Avg. Hourly
Rate (\$/Hour):											
Pegasus Engineering, LLC	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Bidding and Award											
Submit Bid Documents	0	\$0	4	\$636	4	\$364	0	\$0	8	\$1,000	\$125
Attend Pre-Bid Meeting	0	\$0	4	\$636	0	\$0	0	\$0	4	\$636	\$159
Prepare/Reproduce/Distribute Bid Addenda	2	\$346	4	\$636	0	\$0	4	\$296	10	\$1,278	\$128
Respond to Bidders Comments	0	\$0	8	\$1,272	4	\$364	4	\$296	16	\$1,932	\$121
Sub-Total Bidding and Award	2	\$346	20	\$3,180	8	\$728	8	\$592	38	\$4,846	\$128
Closeout (NOT IN SCOPE)											
Construction Administration (NOT IN SCOPE)											
Prepare Record Drawings/Documents (NOT IN SCOPE)											
TOTAL NTE FEE:	2	\$346	20	\$3,180	8	\$728	8	\$592	38	\$4,846	\$128

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-5
SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award

Position:	SENIOR PROJECT MANAGER		SENIOR ENGINEER		CAD Technician		TOTAL		
	\$178		\$185		\$80				Avg. Hourly
Rate (\$/Hour):									
CERM	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Bidding and Award									
Submit Bid Documents	0	\$0	5	\$925	5	\$400	10	\$1,325	\$133
Attend Pre-Bid Meeting	0	\$0	2	\$370	0	\$0	2	\$370	\$185
Prepare/Reproduce/Distribute Bid Addenda	3	\$534	2	\$370	0	\$0	5	\$904	\$181
Respond to Bidders Comments	1	\$178	4	\$740	5	\$400	10	\$1,318	\$132
Sub-Total Bidding and Award	4	\$712	13	\$2,405	10	\$800	27	\$3,917	\$145
Closeout (NOT IN SCOPE)									
Construction Administration (NOT IN SCOPE)									
Prepare Record Drawings/Documents (NOT IN SCOPE)									
TOTAL NTE FEE:	4	\$712	13	\$2,405	10	\$800	27	\$3,917	\$145

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-6
SUMMARY OF TOTAL CONTRACT VALUE

**BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) -
Bid and Award**

REIMBURSABLE EXPENSES

A complete breakdown of estimated reimbursable expenses, if any, which will be compensated on a not to exceed reimbursable basis, shall be included in this section. The Consultant may use any format for this breakdown, provided that it clearly defines the basis for the not to exceed amount. A breakdown of each subconsultant's expenses is also required.

AECOM	Bid
Project Manual (3 Sets)	\$300.00
Express Mailings, fax, couriers, mail	\$0.00
Permitting Fee	\$0.00
Total (AECOM)	\$300.00

TOTAL REIMBURSABLE EXPENSES	\$300.00
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EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-7
SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award

TABLE C-7a DBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
CERM	4767 New Broad Street, Orlando, FL 32814	Airfield Pavement Markings	\$ 3,917	13.7%
TOTAL PROPOSED PARTICIPATION			\$3,917.00	13.7%

TABLE C-7b MWBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
AVCON	5555 E. Michigan Street, Suite 200, Orlando, FL 32822	Sub-Continent Asian	Electrical Design	\$6,438.00	22.5%
TOTAL PROPOSED PARTICIPATION				\$6,438.00	22.5%

TABLE C-7c LDB PARTICIPATION SCHEDULE

NAME OF FIRM	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
TOTAL PROPOSED PARTICIPATION			\$0.00	0.0%

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-8
SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award	
DRAWING DESCRIPTION	NO. OF SHEETS
Consultant: AECOM	
COVER	2
PROJECT DRAWING LIST	2
SUMMARY OF QUANTITIES	2
GENERAL NOTES	2
OVERALL PROJECT LAYOUT PLAN	2
PROJECT CONSTRUCTION HAUL ROUTE AND NOTES	2
PROJECT LAYOUT AND SURVEY CONTROL PLAN	2
BORING/CORING LOCATION PLAN	2
BORING/CORING LOGS	10
SHEET LAYOUT PLAN	2
EXISTING CONDITIONS PLANS (14 SHEETS)	14
DEMOLITION PLANS (14 SHEETS)	14
GEOMETRY PLANS (14 SHEETS)	14
PAVEMENT PLANS (14 SHEETS)	14
TYPICAL DEMOLITION SECTIONS (3 SHEETS PER BID PACKAGE)	6
TYPICAL PAVEMENT SECTIONS (3 SHEETS PER BID PACKAGE)	6
GRADING PLANS PAVEMENT (14 SHEETS)	14
OVERALL PHASING PLANS	2
BARRICADE LOCATION PLANS (14 SHEETS)	14
SAFETY AND SECURITY PLAN AND NOTES	2
SAFETY AND SECURITY DETAILS	2
PAVEMENT PROFILES (8 SHEETS)	8
PAVEMENT ELEVATION PLANS (14 SHEETS)	14
CROSS SECTIONS (40 TW SHEETS)	40
SUBTOTAL	192

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-8
SUMMARY OF TOTAL CONTRACT VALUE

Subconsultant No. 1: AVCON	
AIRFIELD LIGHTING LEGEND & NOTES	2
ELECTRICAL GENERAL NOTES	2
ELECTRICAL SYMBOL LEGEND	2
ELECTRICAL KEY PLAN	2
AIRFIELD ELECTRICAL EXISTING CONDITIONS AND DEMO. (15 SHEETS)	15
MANHOLE SYSTEM DEMO. (5 SHEETS)	5
VAULT DEMO. (7 SHEETS)	7
AIRFIELD ELECTRICAL LIGHTING LAYOUT (15 SHEETS)	15
AIRFIELD ELECTRICAL LIGHTING CIRCUITING (15 SHEETS)	15
AIRFIELD LIGHTING NUMBERING PLAN (15 SHEETS)	15
MANHOLE / JUNCTION CAN PLAZA CONVERSION PLAN (4 SHEETS PER BID PACKAGE)	8
VAULT EXISTING ONE-LINE (2 SHEETS PER BID PACKAGE)	4
VAULT EXISTING POWER DISTRIBUTION PANELS	2
VAULT EXISTING BUS PANELS	2
VAULT EXISTING CCR CONTROL CIRCUIT	2
VAULT PROPOSED POWER PLAN	2
VAULT PROPOSED REGULATOR PLATFORM LAYOUT	2
VAULT PROPOSED ONE-LINE (2 SHEETS PER BID PACKAGE)	4
VAULT PROPOSED POWER DISTRIBUTION PANELS	2
VAULT PROPOSED BUS PANELS	2
VAULT PROPOSED CCR CONTROL CIRCUIT DIAGRAM	2
CCR LABEL AND CONNECTION DETAILS	2
SEMIFLUSH FIXTURE DETAILS (5 SHEETS PER BID PACKAGE)	10
SIGN SCHEDULE (S)	2
SIGN DETAILS (SHEET 1 OF 7) - SIGN NOTES, WIND SPEED, AND MATERIALS	2
SIGN DETAILS (SHEET 2 OF 7) - CONNECTION CROSS SECTION DETAILS	2
SIGN DETAILS (SHEET 3 OF 7) - GRADING	2
SIGN DETAILS (SHEET 4 OF 7) - 1 AND 2 MODULE SIGN INSTALLATION	2
SIGN DETAILS (SHEET 5 OF 7) - 3 MODULE SIGN INSTALLATION	2
SIGN DETAILS (SHEET 6 OF 7) - 4 MODULE SIGN INSTALLATION	2
SIGN DETAILS (SHEET 7 OF 7) - MULTIPLE SIGN DETAIL	2
PREPARATION OF BASE CAN FOR MILL AND OVERLAY (5 SHEETS PER BID PACKAGE)	10
MANHOLE DETAILS (4 SHEETS PER BID PACKAGE)	8
DUCT BANK DETAILS	2
WIRING AND IDENTIFICATION DETAILS	2
LIGHTNING ARRESTOR DETAILS	2
TEMPORARY LIGHTING DETAILS	2
UTILITY PROTECTION DETAILS	2
JUNCTION CAN DETAIL IN TURF	2
JUNCTION CAN DETAIL CONCRETE ENCASED	2
JUNCTION CAN PLAZA DETAILS	2
GROUND PIT INSTALLATION DETAIL	2
EXISTING AIRPORT GROUND GRID	2
OUC STRUCTURAL SLAB DETAILS	2
SUBTOTAL	180

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-8
SUMMARY OF TOTAL CONTRACT VALUE

Subconsultant No. 2: PEGASUS	
DRAINAGE PLANS (14 SHEETS)	14
EROSION AND SEDIMENT CONTROL PLANS (14 SHEETS)	14
EPOSITION CONTROL DETAILS (2 SHEETS PER BID PACKAGE)	4
DRAINAGE DETAILS (2 SHEETS PER BID PACKAGE)	4
UTILITY ADJUSTMENT PLAN	2
SUBTOTAL	38
Subconsultant No. 3: CERM	
PAVEMENT MARKING PLANS (14 SHEETS)	14
PAVEMENT MARKING DETAILS (2 SHEETS PER BID PACKAGE)	4
SUBTOTAL	18
TOTAL	428

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-9
SUMMARY OF TOTAL CONTRACT VALUE

BP-498: Taxiways G & H Rehabilitation and Related Work (Phase 2) - Bid and Award
Table C-9

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
AECOM	QA/QC	\$184.00
AECOM	Senior Project Manager	\$238.00
AECOM	Senior Engineer	\$190.00
AECOM	Project Engineer	\$150.00
AECOM	Senior Planner	\$154.00
AECOM	Senior CADD Designer	\$104.00
AECOM	Project Management Assistant	\$92.00

FIRM	POSITION	CONTRACT HOURLY RATE
AVCON	Senior Project Manager	\$269.00
AVCON	Project Manager	\$215.00
AVCON	Senior Engineer	\$177.00
AVCON	Project Engineer / Designer	\$128.00
AVCON	Senior CADD Designer	\$118.00
AVCON	Contract Administrator	\$106.00

FIRM	POSITION	CONTRACT HOURLY RATE
Pegasus	Project Manager	\$173.00
Pegasus	Senior Engineer	\$159.00
Pegasus	CADD Technician	\$91.00
Pegasus	Administrative	\$74.00

FIRM	POSITION	CONTRACT HOURLY RATE
CERM	Senior Project Manager	\$178.00
CERM	Senior Engineer	\$185.00
CERM	CADD Technician	\$80.00



AVCON, INC.
ENGINEERS & PLANNERS
5555 E. Michigan Street, Ste. 200
Orlando, Florida 32822
407.599.1122 | avconinc.com

February 23, 2024

Mr. Clint Martin, P.E.
Project Manager
AECOM
7650 West Courtney Campbell Causeway
Tampa, FL 33607

Reference: **BP-498 Bid and Award Services**
Proposal for Professional Engineering Services
Taxiways G & H Rehabilitation and Related Work (Phase 2)

Dear Clint:

AVCON will perform the bid and award services referenced in Exhibit A that corresponds with the airfield lighting and electrical improvements. The fee break down for the not to exceed reimbursable fee of \$6,438 is attached on AVCON's C-5 table.

Best Regards,

AVCON, INC.

Mark Goodacer

Mark Goodacer, ACE.
Airfield Lighting Design Manager

Date: February 23, 2024



February 23, 2024

AEC-22002

Mr. Clint Martin, P.E.
Project Manager | Transportation and Aviation
AECOM
7650 West Courtney Campbell Causeway
Tampa, Florida 33607

**Re: BP-498 MCO East Airfield Rehabilitation
Orlando International Airport**

Subj: Bid and Award Services

Dear Clint:

Pegasus Engineering will perform the bid and award services referenced in Exhibit A that corresponds with the drainage improvement plans and specifications. The attached manhour and fee estimate (Table C-5) is a not to exceed reimbursable fee of \$4,846.

We look forward to continuing to assist AECOM on this assignment for the Greater Orlando Aviation Authority. If you have any questions regarding the enclosed documents, please contact me directly at 407-992-9160, extension 309, or by e-mail at david@pegasusengineering.net.

Sincerely,

PEGASUS ENGINEERING, LLC

David W. Hamstra, P.E., CFM
Stormwater Department Manager

Enclosure

cc: Mike Bruegger, Pegasus Engineering

"Engineering a Higher Standard"

**BP-498 MCO East Airfield Rehabilitation
Bid and Award Services**

Approved for Pegasus Engineering, LLC



Fursan Munjed, P.E.

Principal _____
Officer's Title

February 23, 2024 _____
Date

This proposal is hereby accepted and authorization to proceed is hereby given.
(Please return one executed copy of this proposal for our Pegasus Engineering records).

Authorized Signature

Officer's Title

Date



February 23, 2024

AECOM
7650 West Courtney Campbell Causeway
Tampa, FL 33607

Attention: Andrew Kacer, PE
Southeast Aviation Manager

Subject: BP-498 Bid-Award Scope

Dear Mr. Kacer,

Corporate Environmental Risk Management, LLC (CERM), sincerely appreciates the opportunity to provide this proposal for Design services on the above referenced project. Our understanding of the project requirements comes from communication with AECOM staff and our experience with similar projects.

The following presents our understanding of the design process and key issues associated with the project. A recommended scope of work and associated cost also follows.

Scope of Services

CERM will perform the bid and award services referenced in Exhibit A that corresponds with the pavement marking plans and specifications.

Fee

The fee break down for the not to exceed reimbursable fee of \$3,917 is attached on CERM's C-5 table.

CLOSURE

Please contact us at (407) 514-2717 if you have any questions or comments regarding this proposal. Thank you in advance.

Best regards,
Corporate Environmental Risk Management

Yasmin Moreno,
Sr. Project Manager

BP-498, Taxiways G & H Rehabilitation and Related Work (Phase 2)

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: AECOM Technical Services, Inc.



By: _____

Print Name: Andrew Kacer, PE

Date: 10-19-2023

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: March 05, 2024

RE: Request for Recommendation of Approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Services for BP-498 Taxiways G and H Rehabilitation – Design & Phase 2, Orlando International Airport

We have reviewed the qualifications of the subject contract's DBE specifications and determined that, AECOM Technical Services, Inc. proposes 14% DBE participation on this addendum.

Our analysis indicates that AECOM Technical Services, Inc. is eligible for award of the subject addendum.

DBE UTILIZATION FORM FOR FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

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

Name of Airport: Orlando International Airport

Telephone No: (407) 825-7179

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: **Request for Recommendation of Approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Services for BP-498 Taxiways G and H Rehabilitation – Design & Phase 2, Orlando International Airport**

1. Construction Information:

Addendum Amount: _____

2. DBE Goal by Group Representation:

Asian Pacific American	_____	Actual Result	_____
Asian Subcontinent American	_____	Actual Result	_____
Black American	_____	Actual Result	_____
Caucasian Female American	_____	Actual Result	_____
Hispanic American	_____	Actual Result	_____
Native American	_____	Actual Result	_____
Other	_____	Actual Result	_____
Total DBE Participation	-	Actual Result	_____

3.a. Prime Contractor Information:

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

3.b. Name and Address of DBE 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:

Addendum Amount: \$28,661.00

5. DBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0%
Asian Subcontinent American	-	Actual Result	0%
Black American	3,917.00	Actual Result	14%
Caucasian Female American	-	Actual Result	0%
Hispanic American	-	Actual Result	0%
Native American	-	Actual Result	0%
Other	-	Actual Result	0%
Total DBE Participation	3,917.00	Actual Result	14%

6.b. Engineering / Professional Service Firm Information:

Name: AECOM Technical Services, Inc.
 Address: 7650 West Courtney Campbell Causeway
 City, State, Zip: Tampa, FL 33607
 Telephone: (803) 636-2425

6.b. Name and Address of DBE Subconsultant

Name: Corporate Environmental Risk Management, LLC
 Address: 1990 Lakeside Drive, Suite 300
 City, State, Zip: Tucker, GA 30084
 Telephone: (678) 999-0173

6.c. *Identity:

Black American _____
 Work Item(s): Airfield Pavement Markings
 Amount of Subcontract \$3,917.00
 Percent of Prime Contract (%): 14%

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



MEMORANDUM

TO: Members of the Aviation Authority

FROM: Scott Shedek, Chair, Construction Committee

DATE: March 27, 2024

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the Design Services for Taxiways G and H Rehabilitation, Phases 1 and 2, Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Services for Project Bid Package (BP) No. 00498, Taxiways G and H Rehabilitation – Phase 2, at the Orlando International Airport (MCO)

BACKGROUND

MCO Taxiways G and H Rehabilitation, Phases 1 and 2, will include the rehabilitation of existing Taxiways G and H and their connectors, including Taxiways H1 through H8, a portion of Taxiways E and F, and Taxiway G1. Construction work includes resealing the joints and replacing isolated cracked slabs for the concrete pavement, rehabilitating the asphalt shoulders, and improvements for pavement geometry, markings, lighting and signage.

On December 15, 2021, the Aviation Authority approved the award of a Professional Services Agreement for Design Services of Taxiways G and H Rehabilitation, Phases 1 and 2, at MCO, to AECOM Technical Services, Inc.

Design of both phases will be completed in Fiscal Year (FY) 2023, with construction work done as two contracts, in accordance with Federal Aviation Administration (FAA) direction, in subsequent fiscal years. BP No. 00497, Taxiways G and H Rehabilitation, Phase 1, will be the construction work completed in FY 2024, and BP No. 00498, Taxiways G and H Rehabilitation, Phase 2, will be the construction work completed in FY 2025.

On October 18, 2023, the Aviation Authority Board awarded BP No. 00497 to Hubbard Construction Company. Construction began in November 2023 and is scheduled for completion in August 2024.

ISSUES

BP No. 00498 will rehabilitate the southern end of Taxiways G and H and its connectors, including Taxiways H1 through H8, portion of Taxiways E and F, and Taxiway G1, beginning at the mid-crossfield taxiway. Scope will include resealing the joints and replacing isolated cracked slabs for the concrete pavement, rehabilitating the asphalt shoulders, and improving markings, lighting and signage. Construction for BP No. 00498 is scheduled to begin in October 2024, with completion scheduled in July 2025.

A fee has been negotiated with AECOM Technical Services, Inc. for the total amount of \$28,661, to provide Bid and Award Phase Services for BP No. 00498. The scope of services includes, but is not limited to, distribution and administration of bid documents including bid addenda, if any; providing assistance during advertisement; conducting the pre-bid conference and site visit; bid review, bid analysis and bid tabulation; qualifications review; and, preparation of contract and conformed documents.

On March 5, 2024, the Construction Committee recommended the approval of an Addendum to the Design Services for Taxiways G and H Rehabilitation, Phases 1 and 2, Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Services for BP No. 00498, Taxiways G and H Rehabilitation – Phase 2, at MCO.

SMALL BUSINESS

The Aviation Authority has reviewed the proposal from AECOM Technical Services, Inc., and determined that AECOM Technical Services, Inc. proposes 14% Disadvantaged Business Enterprise (DBE) participation on this Addendum and certifies that AECOM Technical Services, Inc. is in good standing as it relates to its small business participation.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$28,661. Funding is from previously-approved Capital Expenditure Funds to be reimbursed by FAA and Florida Department of Transportation (FDOT) Grants to the extent eligible.

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 Design Services for Taxiways G and H Rehabilitation, Phases 1 and 2, Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Services for BP No. 00498, Taxiways G and H Rehabilitation – Phase 2, at MCO, for the total amount of \$28,661, which includes the not-to-exceed fees amount of \$28,361 and the not-to-exceed reimbursable expenses amount of \$300, with funding from previously-approved Capital Expenditure Funds to be reimbursed by FAA and FDOT Grants to the eligible; and, authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.

BP-498 Site Map

