

**ADDENDUM NO. 5  
TO THE AGREEMENT DATED MARCH 31, 2023  
BETWEEN THE GREATER ORLANDO AVIATION AUTHORITY  
AND AECOM TECHNICAL SERVICES, INC.**

**Project: Design, Bid and Award Phase Services for H-370 Airside 3 Apron PCC Slab Rehabilitation, Orlando International Airport**

**THIS ADDENDUM** is effective this 2nd day of May, 2024, by and between the **GREATER ORLANDO AVIATION AUTHORITY** (“Aviation Authority”), and **AECOM TECHNICAL SERVICES, INC.** (“Consultant”).

**WITNESSETH:**

**WHEREAS**, by Agreement dated March 31, 2023, Aviation Authority and Consultant entered into an agreement for Consultant to provide Continuing Civil Engineering consulting services; 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 SIXTY-THREE THOUSAND THREE HUNDRED NINETY-THREE AND NO/100 DOLLARS (\$63,393.00)**, broken down as follows:

<b>Professional Fees:</b>	<b>NTE:</b>	<b>\$63,393.00</b>
<b>Professional Fees:</b>	<b>LS:</b>	<b>\$0.00</b>
<b>Reimbursable Expenses:</b>	<b>NTE:</b>	<b><u>\$0.00</u></b>
<b>Total:</b>		<b>\$63,393.00</b>

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 March 31, 2023 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 May 7, 2024.


**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 day of May 2, 2024**



By: boxSIGN 1J8RLK51-467YFX9J

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

**AECOM TECHNICAL SERVICES, INC.**



By:

Signature (Duly Authorized Rep.)

Andrew Kacer

Printed Name

VP

Title

Published By: Tu  
 Reviewed By:

**INFORMATION ITEM**  
**Original CCM**  
**03/26/2024**  
**Item No. IV-A**  
**Revised memo**

**MEMORANDUM**

TO: Members of the Construction Committee

FROM: Tuan Nguyen, P.E., Assistance VP – Engineering & Architecture

DATE: March 26, 2024

**ITEM DESCRIPTION**

Request for Approval of an Addendum to the Continuing Civil Engineering Consulting Services Agreement with AECOM Technical Services, Inc. for Design, Bid and Award Phase Services for H-00370 Airside 3 Apron PCC Slab Rehabilitation at Orlando International Airport

**BACKGROUND**

AECOM Technical Services has had a Continuing Civil Engineering Consulting Services Agreement with the Aviation Authority since March 31, 2023.

**ISSUES**

Consultant’s proposal, dated 03/11/2024, is to provide Design, Bid and Award Phase Services for the Rehabilitation of the Portland Cement Concrete (PCC) Pavement at Airside 3 Aircraft Parking Apron. Construction work will include replacing isolated cracked slabs and resealing the joints.

FDOT funding is received.

If approved, services will be effective the date of ~~Construction Committee approval.~~

This continuing consultant was selected for this task based on  all that apply):

- |                                                |                                                            |                                           |
|------------------------------------------------|------------------------------------------------------------|-------------------------------------------|
| <input checked="" type="checkbox"/> Experience | <input checked="" type="checkbox"/> Available Personnel    | <input type="checkbox"/> Current Workload |
| <input checked="" type="checkbox"/> Expertise  | <input checked="" type="checkbox"/> Equitable Distribution | <input type="checkbox"/> Other: _____     |

**SMALL BUSINESS**

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

**ALTERNATIVES**

None.

**FISCAL IMPACT**

Funding is from General Airport Revenue Bonds, and to the extent possible, funds will be provided contingent upon receiving the FDOT funding. Funding sources verified by Melvin Martinez of Construction Finance on 03/21/24 as correct and available.

**RECOMMENDED ACTION**

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Civil Engineering Consulting Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$63,393.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$0.00
<b>TOTAL</b>	<b>\$63,393.00</b>
AAC – Compliance Review Date	<i>JM</i> 03/20/2024
AAC – Funding Eligibility Review Date	03/20/2024

**RECOMMENDED ACTION**

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Civil Engineering Consulting Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$63,393.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$0.00
<b>TOTAL</b>	<b>\$63,393.00</b>
AAC – Compliance Review Date	<i>JM</i> 03/20/2024
AAC – Funding Eligibility Review Date	03/20/2024

## **H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

### **Orlando International Airport Design and Bidding Services**

#### **PROJECT DESCRIPTION**

The H-00TBD; Airside 3 Apron PCC Slab Rehabilitation Project (Project), is comprised of approximately 17" thick PCC slabs, over 6" of lean concrete, over subgrade. The concrete-to-concrete joints are sealed with a silicone joint sealant, primarily DOW Corning 888. This Project will address, at a maximum, 65 PCC slabs on Airside 3 that are showing significant distresses and require replacement. There are some portions of the apron where it is believed that the proximity of the underlying water table has contributed to the shortened life span of specific PCC slabs. This Project is intended to be a maintenance project that replaces isolated slabs that showing visible distresses only and is not intended to correct any underlying subgrade deficiencies.

#### **PROJECT TASKS**

The AECOM Team will walk the project site to determine which slabs need to be replaced. We will develop a priority ranking, of which slabs require immediate attention, compared to the least distressed slabs, to accommodate the approximate \$800,000 budget that GOAA has available for construction of the bid package. The AECOM Team will prepare construction documents for the bid package that GOAA will provide to their horizontal Continuing Contractors to bid and construct. Construction documents will include technical specifications, a construction cost estimate, a Construction Safety and Phasing Plan (CSPP), and contract plans that include: Cover, General Notes, Summary of Quantities, Overall Phasing Plan, Barricade Location Plans, Safety and Security Plans Notes and Details, Overall Plan Showing Location of Replacement Slabs, Demolition Plans, and Concrete Installation Plans and Details. The project specifications will be based on the current version of FAA AC 150/5370-10, Standards for Specifying Construction of Airports. The Construction Safety and Phasing plans will be prepared in compliance with the current version of FAA AC 150/5370-2, Operational Safety on Airports During Construction. The AECOM Team will also provide bid assistance and clarification of the plans during the bidding phase, which includes a pre-bid meeting, preparing the pre-bid meeting agenda and minutes, conducting a site visit, and answering any contractor questions via an addendum.

#### **DESIGN DEVELOPMENT PHASE**

##### **Review of Record Documents**

The AECOM Team will review existing record documentation, including plans, studies, and permits on file with the Authority. These record documents will be reviewed in order to obtain data related to:

- Pavement type, thickness, and age; and
- Data related to existing underground utility locations and type

##### **Site Evaluation**

The AECOM Team will perform a pavement evaluation that determines the location of the slabs that will be replaced. This evaluation will also identify the type of pavement distresses exhibited for each slab. This evaluation will be coordinated with GOAA staff. The resulting map that locates which slabs are recommended to be replaced will be shared with the GOAA Maintenance Staff, to ensure that they concur with the recommended approach, and specific slab replacements.

## Schedule

Our schedule for performing the evaluation is based on access to the Project site during the daytime, from 7am to 5pm, weekdays, until the work is complete.

Task	Duration
Notice to Proceed	0 Calendar Days
Advanced Construction Documents	30 Calendar Days
Construction Documents	45 Calendar Days

## Documents

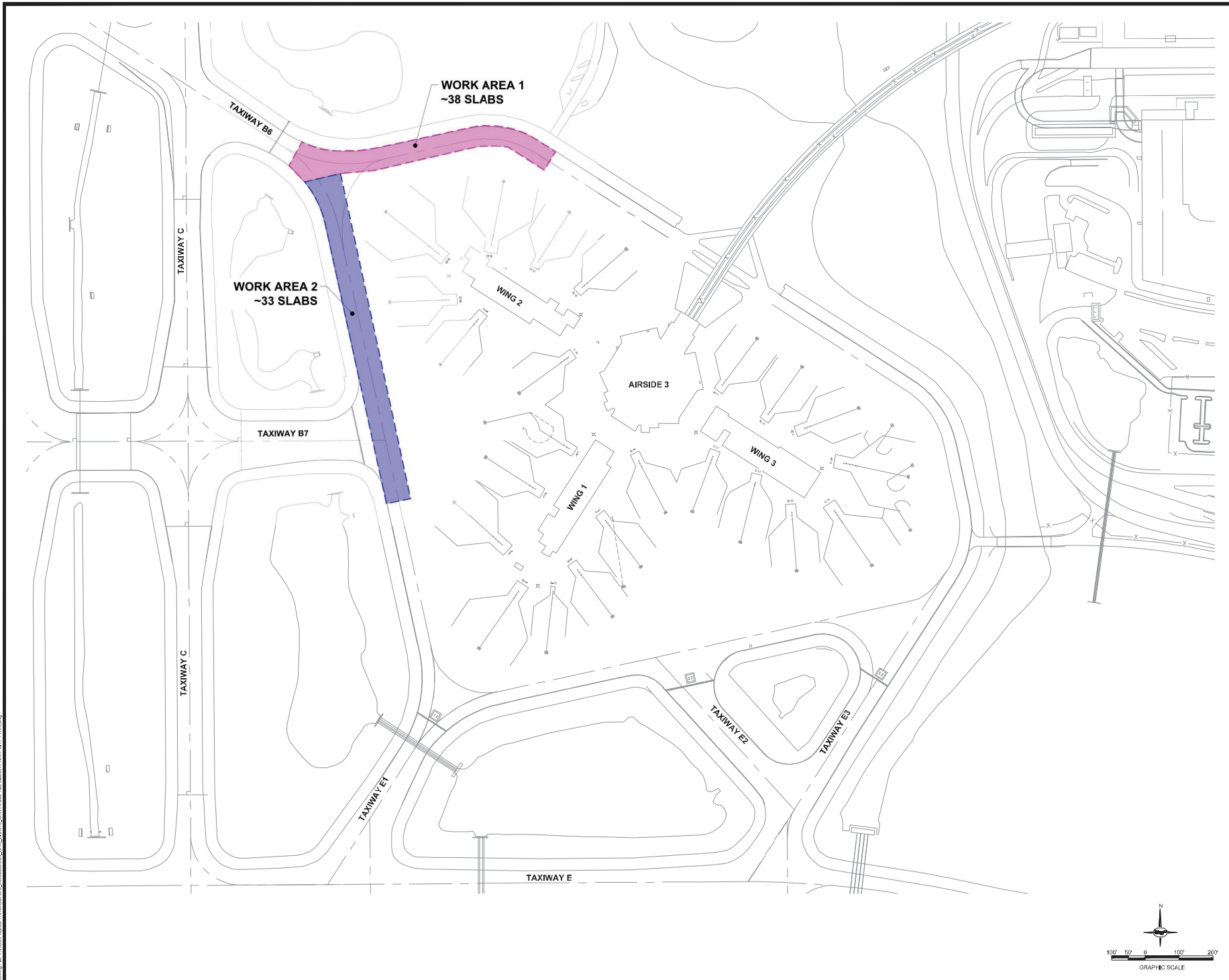
The AECOM Team will develop advance construction documents (plans and specifications), for GOAA to review. Based on GOAA review comments, the AECOM Team will develop final construction documents. The AECOM Team will also submit a construction cost estimate. These documents will be developed in accordance with FAA standards, GOAA computer aided design drafting (CADD) standards, and in accordance with AECOM's ISO 9001 QMS.

## Meetings/Deliverables

- Construction Plans (PDF);
- CSPP – Submit to FAA (PDF);
- Division 2 Specifications (PDF);
- Construction Cost Estimate (PDF);
- One Design Review Meeting (Prepare Agenda, Sign-In Sheet, and Meeting Minutes).

## ASSUMPTIONS

- There will not be an Engineer's Report for this project.
- There will not be any topographic survey for this project, distressed slabs identified for replacement will be determined from visual field investigations.
- There will not be any geotechnical investigations for this project, the subsurface conditions and water table will not be evaluated or modified. The project is intended to be a maintenance project only and will be limited to replacing isolated slabs that are showing visible distresses.
- Construction administration services are not included in this scope and fee and will be included under a separate task order.
- Permitting is not anticipated for this project. If permits are needed, additional compensation for coordination will be requested. All permit application fees shall be paid for by GOAA.
- The OAR will coordinate with the tenants for the construction of this Project.
- All necessary Obstruction Evaluation / Airport Airspace Analysis 7460 forms shall be completed by GOAA.
- GOAA will provide front end documents for bidding purposes to the continuing contractors.
- Opinions of probable cost prepared by the Engineer will represent its best judgement based on its experience and available information. AECOM does not guarantee that proposals, bids, or actual costs will not vary from opinion of probable costs submitted by AECOM.



Date: Mar 11, 2024, Time: 5:07 am, Plotted By: rjcs@acm.com  
 Drawing File: I:\Projects\Miami\IAD\Drawings\IAD\_Airside3\_Ramp\_Slabs\_Rehabilitation\IAD\_Airside3\_Ramp\_Slabs\_Rehabilitation.dwg



GREATER ORLANDO AVIATION AUTHORITY

H-00TBD  
 AIRSIDE 3 APRON  
 PCC SLAB REHAB.

ORLANDO  
 INTERNATIONAL  
 AIRPORT



AECOM TECHNICAL  
 SERVICES, INC.

7150 W. COLONY CAMPBELL CANY  
 SUITE 700  
 TALLAHASSEE, FLORIDA 32307  
 PHONE: 913.285.1711  
 FAX: 913.285.1711

CLINT JAMES MARTIN  
 FL P.E. NO. 62740  
 FIRM EB NO. 8115  
 AECOM TECHNICAL SERVICES, INC.

REVISIONS

No.	DATE	DESCRIPTION



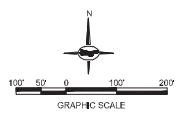
KEY PLAN

PROJECT NO.:	
DESIGNED BY:	CJM
DRAWN BY:	RJS
CHECKED BY:	CJM
ISSUE DATE:	01/2024
DRAWING SCALE:	AS NOTED
DRAWING TITLE:	

AIRSIDE 3 RAMP SLAB  
 REHABILITATION

DRAWING NO.

**EX-1**





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

**H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

Phase of Project:	Construction Documents	Bid and Award Services	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$0	\$0	\$0
2.0 Not to Exceed Reimbursable Fee:	\$54,229	\$9,164	\$63,393
3.0 Not to Exceed Reimbursable Expenses:	\$0	\$0	\$0
<b>4.0 TOTAL CONTRACT VALUE:</b>	<b>\$54,229</b>	<b>\$9,164</b>	<b>\$63,393</b>

Total Lump Sum Labor Hours:	0	0	0
Total Not to Exceed Reimbursable Labor Hours:	341	53	394
<b>TOTAL LABOR HOURS:</b>	<b>341</b>	<b>53</b>	<b>394</b>
<b>Average Hourly Rate:</b>	<b>\$159.03</b>	<b>\$172.91</b>	<b>\$160.90</b>

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-4**  
**BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES**

**H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

Phase of Project:	Const. Docs.		Bid & Award Services		TOTAL		
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Cost	Avg. Rate
<b>AECOM</b>							
Not to Exceed Reimbursable Fee	256	\$41,023	39	\$6,978	295	48,001	\$162.72
Not to Exceed Reimbursable Expenses		\$0				\$0	
<b>Sub-Total AECOM</b>	<b>256</b>	<b>\$41,023</b>	<b>39</b>	<b>\$6,978</b>	<b>295</b>	<b>\$48,001</b>	<b>\$162.72</b>
<b>CERM</b>							
Not to Exceed Reimbursable Fee	85	\$13,206	14	\$2,186	99	\$15,392	\$155.47
Not to Exceed Reimbursable Expenses		\$0				\$0	
<b>CERM Sub-Total</b>	<b>85</b>	<b>\$13,206</b>	<b>14</b>	<b>\$2,186</b>	<b>99</b>	<b>\$15,392</b>	<b>\$0.00</b>
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	\$0.00
Not to Exceed Reimbursable Expenses						\$0	
<b>Sub-Total</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>\$0.00</b>
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	\$0.00
Not to Exceed Reimbursable Expenses						\$0	
<b>Sub-Total</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>\$0.00</b>
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	\$0.00
Not to Exceed Reimbursable Expenses						\$0	
<b>Sub-Total</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>\$0.00</b>
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	\$0.00
Not to Exceed Reimbursable Expenses						\$0	
<b>Sub-Total</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>\$0.00</b>
<b>Total Not to Exceed Amount:</b>	<b>341</b>	<b>\$54,229</b>	<b>53</b>	<b>\$9,164</b>	<b>394</b>	<b>\$63,393</b>	<b>\$160.90</b>

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

**H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

Position:	QA/QC REVIEWER		SENIOR PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER		CADD TECHNICIAN		ADMINISTRATIVE ASSISTANT		TOTAL		
	\$243		\$301		\$227		\$158		\$115		\$79				Avg. Hourly
Rate (\$/Hour):															
<b>AECOM</b>	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
<b>Construction Documents (T&amp;M)</b>															
Prepare for/Attend Internal Project Kickoff (Write Minutes)		\$0		\$0	2	\$454	2	\$316		\$0	2	\$158	6	\$928	\$155
Meetings with the Airlines and GOAA Staff to Coordinate Gate Closures		\$0		\$0	4	\$908	4	\$632		\$0		\$0	8	\$1,540	\$193
Review of Record Drawings, Documents and Previous Studies		\$0		\$0	2	\$454	2	\$316		\$0		\$0	4	\$770	\$193
Pavement Condition Evaluation		\$0	4	\$1,204	8	\$1,816	8	\$1,264		\$0		\$0	20	\$4,284	\$214
<b>Develop Drawings</b>															
EXISTING CONDITIONS PLANS		\$0		\$0	2	\$454	2	\$316	4	\$460		\$0	8	\$1,230	\$154
DEMOLITION PLANS		\$0		\$0	2	\$454	2	\$316	4	\$460		\$0	8	\$1,230	\$154
PAVING PLANS		\$0		\$0	4	\$908	2	\$316	4	\$460		\$0	10	\$1,684	\$168
TYPICAL DEMOLITION SECTIONS		\$0		\$0	4	\$908	2	\$316	4	\$460		\$0	10	\$1,684	\$168
TYPICAL PAVEMENT SECTIONS AND DETAILS		\$0		\$0	4	\$908	2	\$316	4	\$460		\$0	10	\$1,684	\$168
PROJECT CONSTRUCTION HAUL ROUTE AND NOTES		\$0		\$0	4	\$908	2	\$316	4	\$460		\$0	10	\$1,684	\$168
SAFETY AND SECURITY PLAN, NOTES, AND DETAILS		\$0		\$0	2	\$454	2	\$316	4	\$460		\$0	8	\$1,230	\$154
OVERALL PHASING PLANS		\$0		\$0	4	\$908	4	\$632	8	\$920		\$0	16	\$2,460	\$154
BARRICADE LOCATION PLANS		\$0		\$0	4	\$908	12	\$1,896	12	\$1,380		\$0	28	\$4,184	\$149
Develop Construction Cost Estimate/Quantities		\$0		\$0	2	\$454	2	\$316		\$0		\$0	4	\$770	\$193
Develop Pavement Design		\$0		\$0	2	\$454	2	\$316		\$0		\$0	4	\$770	\$193
Compile GOAA Provided Front End Documents		\$0		\$0	1	\$227	4	\$632		\$0	8	\$632	13	\$1,491	\$115
Develop Technical Specifications		\$0		\$0	2	\$454	4	\$632		\$0	8	\$632	14	\$1,718	\$123
Develop CSSP		\$0	2	\$602	2	\$454	8	\$1,264	8	\$920	8	\$632	28	\$3,872	\$138
Project Management/Contracts Invoicing		\$0	2	\$602	2	\$454		\$0		\$0	10	\$790	14	\$1,846	\$132
QA/QC Review of Documents - Incorporate Comments	8	\$1,944		\$0	2	\$454	4	\$632	4	\$460		\$0	18	\$3,490	\$194
Provide Written response to comments		\$0		\$0	2	\$454	4	\$632	4	\$460		\$0	10	\$1,546	\$155
Prepare for/Attend 1 Progress Meeting and 1 TRT meeting (Write Minutes)		\$0		\$0	2	\$454	3	\$474		\$0		\$0	5	\$928	\$186
<b>Sub-Total Design Development</b>	<b>8</b>	<b>\$1,944</b>	<b>8</b>	<b>\$2,408</b>	<b>63</b>	<b>\$14,301</b>	<b>77</b>	<b>\$12,166</b>	<b>64</b>	<b>\$7,360</b>	<b>36</b>	<b>\$2,844</b>	<b>256</b>	<b>\$41,023</b>	<b>\$160</b>
<b>Bid &amp; Award Services (T&amp;M)</b>															
Prepare for and Attend Pre-Bid Meeting		\$0	1	\$301	3	\$681		\$0		\$0	2	\$158	6	\$1,140	\$190
Prepare Bid Tabulation/Recommendation	1	\$243		\$0	4	\$908	4	\$632		\$0	2	\$158	11	\$1,941	\$176
Prepare and Distribute Bid Addenda	1	\$243		\$0	4	\$908	3	\$474		\$0		\$0	8	\$1,625	\$203
Assemble Conformed Documents	1	\$243		\$0	4	\$908	2	\$316	7	\$805		\$0	14	\$2,272	\$162
<b>Sub-Total Bid &amp; Award Services</b>	<b>3</b>	<b>\$729</b>	<b>1</b>	<b>\$301</b>	<b>15</b>	<b>\$3,405</b>	<b>9</b>	<b>\$1,422.00</b>	<b>7</b>	<b>\$805</b>	<b>4</b>	<b>\$316</b>	<b>39</b>	<b>\$6,978</b>	<b>\$179</b>
<b>TOTAL NOT-TO-EXCEED REIMBURSABLE FEE:</b>	<b>11</b>	<b>\$2,673</b>	<b>9</b>	<b>\$2,709</b>	<b>78</b>	<b>\$17,706</b>	<b>86</b>	<b>\$13,588</b>	<b>71</b>	<b>\$8,165</b>	<b>40</b>	<b>\$3,160</b>	<b>295</b>	<b>\$48,001</b>	<b>\$163</b>

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

**H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

Position:	SENIOR PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER I		TOTAL		
Rate (\$/Hour):	\$178		\$185		\$120				Avg. Hourly
<b>CERM</b>	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
<b>Construction Documents (T&amp;M)</b>									
Site Visits		\$0	6	\$1,110	6	\$720	12	\$1,830	\$153
Review of Record Drawings, Documents and Previous Studies	1	\$178	4	\$740	4	\$480	9	\$1,398	\$155
Pavement Condition Evaluation	1	\$178	4	\$740	4	\$480	9	\$1,398	\$155
Develop Drawings									
COVER		\$0	2	\$370	4	\$480	6	\$850	\$142
DRAWING INDEX, GENERAL NOTES, AND SUMMARY OF QUANTITIES	1	\$178	2	\$370	6	\$720	9	\$1,268	\$141
OVERALL PROJECT LAYOUT PLAN	1	\$178	2	\$370	6	\$720	9	\$1,268	\$141
Develop Construction Cost Estimate/Quantities	1	\$178	4	\$740	8	\$960	13	\$1,878	\$144
Project Management/Contracts Invoicing	1	\$178	6	\$1,110		\$0	7	\$1,288	\$184
QA/QC Review of Documents	1	\$178	10	\$1,850		\$0	11	\$2,028	\$184
<b>Sub-Total Design Development</b>	<b>7</b>	<b>\$1,246</b>	<b>40</b>	<b>\$7,400</b>	<b>38</b>	<b>\$4,560</b>	<b>85</b>	<b>\$13,206</b>	<b>\$155</b>
<b>Bid &amp; Award Services (T&amp;M)</b>									
Attend Pre-Bid Meeting	1	\$178	2	\$370	0	\$0	3	\$548	\$183
Prepare and Distribute Bid Addenda	1	\$178	2	\$370	2	\$240	5	\$788	\$158
Assemble Conformed Documents		\$0	2	\$370	4	\$480	6	\$850	\$142
<b>Sub-Total Bid &amp; Award Services</b>	<b>2</b>	<b>\$356</b>	<b>6</b>	<b>\$1,110</b>	<b>6</b>	<b>\$720</b>	<b>14</b>	<b>\$2,186</b>	<b>\$156</b>
<b>TOTAL NOT-TO-EXCEED REIMBURSABLE FEE:</b>	<b>9</b>	<b>\$1,602</b>	<b>46</b>	<b>\$8,510</b>	<b>44</b>	<b>\$5,280</b>	<b>99</b>	<b>\$15,392</b>	<b>\$155</b>

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

**H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

**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	Plan Development, Cost Estimating	\$ 15,392	24.3%
<b>TOTAL PROPOSED PARTICIPATION</b>			<b>\$0.00</b>	<b>24.3%</b>

**TABLE C-7b MWBE PARTICIPATION SCHEDULE**

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
<b>TOTAL PROPOSED PARTICIPATION</b>				<b>\$0.00</b>	<b>0.0%</b>

**TABLE C-7c LDB PARTICIPATION SCHEDULE**

NAME OF FIRM	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
<b>TOTAL PROPOSED PARTICIPATION</b>			<b>\$0.00</b>	<b>0.0%</b>

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**  
**TABLE C-8**  
**LIST OF ANTICIPATED DRAWING SHEETS**

<b>H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION</b>	
<b><u>DRAWING DESCRIPTION H-TBD</u></b>	<b><u>NO. OF SHEETS</u></b>
<b>Consultant: AECOM/CERM</b>	
COVER	1
DRAWING INDEX, GENERAL NOTES, AND SUMMARY OF QUANTITIES	1
OVERALL PROJECT LAYOUT PLAN	1
PROJECT CONSTRUCTION HAUL ROUTE AND NOTES	1
EXISTING CONDITIONS PLANS	2
DEMOLITION PLANS	2
PAVING PLANS	2
TYPICAL DEMOLITION SECTIONS	1
TYPICAL PAVEMENT SECTIONS AND DETAILS	2
OVERALL PHASING PLANS	1
BARRICADE LOCATION PLANS	3
SAFETY AND SECURITY PLAN NOTES AND DETAILS	1
<b>TOTAL</b>	<b>18</b>

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

**H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

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.

<b>FIRM</b>	<b>POSITION</b>	<b>CONTRACT HOURLY RATE</b>
AECOM	QA/QC Reviewer	\$243.00
AECOM	Senior Project Manager	\$301.00
AECOM	Senior Engineer	\$227.00
AECOM	Project Manager	\$204.00
AECOM	Project Engineer	\$158.00
AECOM	CADD Technician	\$115.00
AECOM	Administrative Assistant	\$79.00

<b>FIRM</b>	<b>POSITION</b>	<b>CONTRACT HOURLY RATE</b>
CERM	Senior Project Manager	\$178.00
CERM	Senior Engineer	\$185.00
CERM	Project Engineer I	\$120.00



August 25, 2023

AECOM  
7650 West Courtney Campbell Causeway  
Tampa, FL 33607  
(813) 286-1711

**Attention:** **Clint Martin, PE**  
Project Manager, Aviation  
D 813-636-2444  
C 906-236-2874  
clint.martin@aecom.com

via email

**Subject:** **H-00370; Airside 3 Apron PCC Slab Rehabilitation**  
Orlando International Airport  
CERM Proposal No. 0823-00741

Dear Mr. Martin,

Corporate Environmental Risk Management, LLC (CERM) sincerely appreciates the opportunity to provide this proposal for engineering services for the above referenced project. Our understanding of the project requirements comes from your request and initial meetings with you, as well as our experience with similar projects. The following presents our understanding of the need for our services on the referenced project, a recommended scope of work, the schedule, and associated cost.

## **PROJECT DESCRIPTION**

The Greater Orlando Aviation Authority (GOAA) has contracted with AECOM to rehabilitate the pavement of the existing MCO Aircraft Parking Aprons which are showing visible signs of distress. The intent of this project is to evaluate existing pavement, identify the slabs that need to be replaced and replace the distressed slabs with the proper foundation and slab thickness.

## **SCOPE OF WORK**

This Task Order is for CERM (Consultant) to conduct a site visit and become familiar with the project elements. CERM will assist AECOM in the preparation of construction documents for one bid package that GOAA will provide to their horizontal Continuing Contractors to bid and construct. CERM will prepare the cover sheet, drawing index, summary of quantities, general notes, overall project layout plan, and do an independent QC peer review on the drawings.



## **1.1 Project Management**

This task includes administration of this contract with the Client and coordination with other project consultants. Under this task, the Project Manager, Yasmin Moreno, P.E. will establish a seamless project team effort. Ms. Moreno will be involved in critical milestone review meetings and be readily available to the design team and GOAA. Ms. Moreno will submit invoices, review the technical progress, maintain the schedule and critical milestones and coordinate review and approvals for all tasks assigned to CERM.

Deliverables: Invoices, Progress Reports, copies of correspondence. Consultant will maintain project records and make such records available to AECOM.

## **1.2 Design**

The design scope of work will be phased to allow for periodic submittals at critical milestones throughout the project. These quality control checks will be conducted at the Advanced Bid and Bid Documents phases. Construction Administration services will not be required under these services.

### **1.2.1 Design Criteria**

The following design criteria and standards will be used during the progression of this project.

- 150/5300-13B Airport Design
- 150/5340-1M Standards for Airport Markings
- 150/5370-10H Standard Specifications for Construction of Airports

## **1.3 Quality Control Independent Review**

Under this task, Consultant will review the entire bid drawings (s) that are completed by the Consultant. The Consultant will provide markups in PDF.

Deliverables: Review and Markups at the Advanced Bid and Bid Documents design milestones.

## **1.4 Deliverables**

Under this task, the Consultant will assemble and compile the electronic work products developed during each design phase of this project. The delivery package will include the following drawings and review markups:

Description	Design Phase	Bid Phase	
	Advanced Bid Documents	Bid Docs	Conformed Set
Construction Plans	X	X	X
Quantities	X	X	X
QA/QC Independent Review	X	X	X

**EXCLUSIONS:**

- Any other task not specifically outlined above will be considered additional services.

**SCHEDULE**

We anticipate meeting the schedule dictated by the Client.

**FEE**

Our NTE fee for carrying out the scope of work described above is **\$15,392**. A breakdown is included in Exhibit A: Fee Breakdown.

**CLOSURE**

Please contact us at (678) 999-0173 if you have any questions or comments regarding this proposal. Thank you in advance for considering CERM.

Best regards,

**Corporate Environmental Risk Management**



Yasmin Moreno, P.E.  
Senior Project Manager

cc: Greg Wilson, PE, Florida Operations Manager  
Attachments: Exhibit A: Fee Breakdown

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

**H-00370; AIRSIDE 3 APRON PCC SLAB REHABILITATION**

Position:	SENIOR PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER I		TOTAL		
Rate (\$/Hour):	\$178		\$185		\$120				Avg. Hourly
<b>CERM</b>	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
<b>Construction Documents (T&amp;M)</b>									
Site Visits		\$0	6	\$1,110	6	\$720	12	\$1,830	\$153
Review of Record Drawings, Documents and Previous Studies	1	\$178	4	\$740	4	\$480	9	\$1,398	\$155
Pavement Condition Evaluation	1	\$178	4	\$740	4	\$480	9	\$1,398	\$155
Develop Drawings									
COVER		\$0	2	\$370	4	\$480	6	\$850	\$142
DRAWING INDEX, GENERAL NOTES, AND SUMMARY OF QUANTITIES	1	\$178	2	\$370	6	\$720	9	\$1,268	\$141
OVERALL PROJECT LAYOUT PLAN	1	\$178	2	\$370	6	\$720	9	\$1,268	\$141
Develop Construction Cost Estimate/Quantities	1	\$178	4	\$740	8	\$960	13	\$1,878	\$144
Project Management/Contracts Invoicing	1	\$178	6	\$1,110		\$0	7	\$1,288	\$184
QA/QC Review of Documents	1	\$178	10	\$1,850		\$0	11	\$2,028	\$184
<b>Sub-Total Design Development</b>	<b>7</b>	<b>\$1,246</b>	<b>40</b>	<b>\$7,400</b>	<b>38</b>	<b>\$4,560</b>	<b>85</b>	<b>\$13,206</b>	<b>\$155</b>
<b>Bid &amp; Award Services (T&amp;M)</b>									
Attend Pre-Bid Meeting	1	\$178	2	\$370	0	\$0	3	\$548	\$183
Prepare and Distribute Bid Addenda	1	\$178	2	\$370	2	\$240	5	\$788	\$158
Assemble Conformed Documents		\$0	2	\$370	4	\$480	6	\$850	\$142
<b>Sub-Total Bid &amp; Award Services</b>	<b>2</b>	<b>\$356</b>	<b>6</b>	<b>\$1,110</b>	<b>6</b>	<b>\$720</b>	<b>14</b>	<b>\$2,186</b>	<b>\$156</b>
<b>TOTAL NOT-TO-EXCEED REIMBURSABLE FEE:</b>	<b>9</b>	<b>\$1,602</b>	<b>46</b>	<b>\$8,510</b>	<b>44</b>	<b>\$5,280</b>	<b>99</b>	<b>\$15,392</b>	<b>\$155</b>

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

By: 

Print Name: Andrew Kacer

Date: 3-11-2024



**MEMORANDUM**

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: March 26, 2024

**ITEM DESCRIPTION**

Request for Approval of an Addendum to the Continuing Civil Engineering Consulting Services AECOM Technical Services, Inc. for Design, Bid and Award Phase Services for H-00370 Airside 3 Apron PCC Slab Rehabilitation, Orlando International Airport

**SMALL BUSINESS**

We have reviewed the qualifications of the subject contract's DBE specifications and determined that, AECOM Technical Services, Inc. proposes 24% 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 Approval of an Addendum to the Continuing Civil Engineering Consulting Services AECOM Technical Services, Inc. for Design, Bid and Award Phase Services for H-00370 Airside 3 Apron PCC Slab Rehabilitation, 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	_____
<b>Total DBE Participation</b>	<b>-</b>	<b>Actual Result</b>	<b>_____</b>

**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: \$63,393.00

**5. DBE Goal by Group Representation:**

Asian Pacific American	-	Actual Result	0%
Asian Subcontinent American	-	Actual Result	0%
Black American	15,392.00	Actual Result	24%
Caucasian Female American	-	Actual Result	0%
Hispanic American	-	Actual Result	0%
Native American	-	Actual Result	0%
Other	-	Actual Result	0%
<b>Total DBE Participation</b>	<b>15,392.00</b>	<b>Actual Result</b>	<b>24%</b>

**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): Plan development, Cost Estimating  
Amount of Subcontract \$15,392.00  
Percent of Prime Contract (%): 24%

\* 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)

March 11, 2024

Mr. Tuan Nguyen, P.E.  
Assistant Vice President, Engineering  
Greater Orlando Aviation Authority  
Orlando International Airport  
11314 Terminal C Service Road  
Orlando, FL 32824

RE: Greater Orlando Aviation Authority  
H-00370; Airside 3 Apron PCC Slab Rehabilitation

Mr. Nguyen:

AECOM Technical Services, Inc. (AECOM) is pleased to submit our Scope and Fee Proposal for the H-00TBD; Airside 3 Apron PCC Slab Rehabilitation Project. Our services include design and bidding for this Project that will be constructed by a GOAA Continuing Contractor.

The Design Team consists of AECOM as the prime consultant, with Corporate Environmental Risk Management, LLC as a sub consultant.

A detailed description of the Project is as described in the Attached Scope of Services. For the Projects, outlined herein, we propose a lump sum fee amount of **\$0**, a not-to-exceed reimbursable labor fee amount of **\$63,393**, and a not-to-exceed reimbursable expense amount of **\$0**, for a total contract fee amount of **\$63,393**. Exhibit A provides a detailed breakdown of labor, hourly rates, and average hourly rates for the Authority's consideration.

For this project, our DBE participation is anticipated to be **24.3%**.

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

Please do not hesitate to contact me if you have any questions or comments.

Sincerely,  
**AECOM Technical Services, Inc.**



Andrew Kacer, PE  
VP