

**ADDENDUM NO. 4
TO THE AGREEMENT DATED MARCH 26, 2019
BETWEEN THE GREATER ORLANDO AVIATION AUTHORITY
AND AECOM TECHNICAL SERVICES, INC.**

Project: Bid & Award Phase Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2), Orlando International Airport

THIS ADDENDUM is effective this 24th day of January, 2022, by and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Authority"), and **AECOM TECHNICAL SERVICES, INC.** ("Consultant").

WITNESSETH:

WHEREAS, by Agreement dated March 26, 2019, Authority and Consultant entered into an agreement for Consultant to provide services related to **East Airfield Taxiway Rehabilitation**; and

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

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

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained, the Authority and the Consultant do hereby agree as follows:

1. Consultant shall perform additional services in accordance with the terms of the Agreement and the attached Exhibit "A." Consultant shall be paid for such additional services according to the payment terms set forth in the Agreement.
2. Consultant shall be compensated for such additional services in the **LUMP SUM AND NOT TO EXCEED** amount of **TWENTY THOUSAND ONE HUNDRED SEVENTEEN AND NO/100 DOLLARS (\$20,117.00)**, broken down as follows:

Professional Fees:	NTE:	\$19,982.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$135.00</u>
Total:		\$20,117.00

3. A. Consultant hereby certifies that it is not on the Scrutinized Companies that Boycott Israel List and is not engaged in a boycott of Israel, as defined in Florida Statutes § 287.135, as amended;

AND

- B. (applicable to agreements that may be \$1,000,000 or more) - Consultant hereby certifies that it is: (1) not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as defined in Florida Statutes

§ 287.135; and (2) not engaged in business operations in Cuba or Syria, as defined in Florida Statutes § 287.135, as amended.

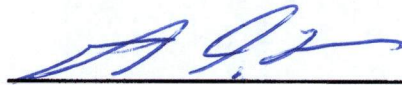
4. Authority may terminate the Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.


In the event the Agreement is for One Million Dollars (\$1,000,000.00) or more, Authority may terminate this Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

5. Except as expressly modified in this Addendum, the Agreement dated March 26, 2019 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 2 day of February, 2022.

GREATER ORLANDO AVIATION AUTHORITY

By: 
Thomas W. Draper
Acting Chief Executive Officer

**Approved as to Form and Legality
(for the benefit of GOAA only)**
this 1st day of Feb, 2022
By: 
**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

Item 5



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: Members of the Construction Committee

**From: Tuan Nguyen, Manager of Engineering
(prepared by Rita Watson/SchenkelShultz)**

Date: December 14, 2021

Re: Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with AECOM Technical Services, Inc. for Bid & Award Phase Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2) Orlando International Airport

The referenced project is the second of two phases for the rehabilitation of multiple existing taxiways located in the East Airfield of the Orlando International Airport. Construction for Phase 2 is separated into Schedule A work and Schedule B work. Included is the rehabilitation and improvements for the existing Taxiway J (Schedule A) and Taxiways L, N and connecting Taxiways N1-N6 (Schedule B). Construction work in these areas will include mill and overlay of the asphalt pavement, resealing the joints and replacing isolated cracked slabs for the concrete pavement, rehabilitating the shoulders, and improvements for pavement geometry, taxiway markings, lighting and signage.

Consultants proposal, dated November 30, 2021 is to provide Bid & Award Phase Services for the referenced Project (BP-496, Phase 2, consisting of Schedule A and Schedule B), as further outlined in the Scope of Services.

If approved these services would be effective upon execution of the FDOT Grant.

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 Authority of any deviations.

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

Funding for the Bid and Award Phase services for Schedule A work is from GOAA Capital Expenditure, to be reimbursed by future Federal Aviation Administration Airport Improvement Program grants that would fund 100% of these services. Funding source verified by _____ of Construction Finance on ____/____/____ as correct and available.

Funding for the Bid and Award Phase services for Schedule B work is from GOAA Capital Expenditure, to be reimbursed by future Federal Aviation Administration Airport Improvement Program and Florida Department of Transportation grants to the extent eligible. Funding source verified by _____ of Construction Finance on ____/____/____ as correct and available.

The Aviation Authority is in the process of submitting a grant application to the Federal Aviation Administration for the construction phase of this project. It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Professional Services Agreement with AECOM Technical Services, Inc. for Schedule A and Schedule B Bid and Award Phase Services contained herein and for the total amount as shown below:

Not to Exceed Fees – Schedule A	\$0.00
Lump Sum Fees – Schedule A	\$9,991.00
Not to Exceed Expenses – Schedule A	\$67.50
Subtotal – Schedule A	\$10,058.50
Not to Exceed Fees – Schedule B	\$0.00
Lump Sum Fees – Schedule B	\$9,991.00
Not to Exceed Expenses – Schedule B	\$67.50
Subtotal – Schedule B	\$10,058.50
TOTAL – Schedule A & Schedule B	\$20,117.00
AAC – Compliance Review Date	
AAC – Funding Eligibility Review Date (or indicate Not Applicable)	

AECOM Technical Services, Inc.
7650 W. Courtney Campbell Causeway, Tampa, FL 33607.
Phone: 813-286-1711 Fax: 813-287-8591



November 30, 2021

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-496, MCO East Airfield Taxiways 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-496, MCO East Airfield Taxiways Rehabilitation and Related Work - Phase 2 Project (BP-496 Project).

This BP-496 Project is separated into the following two Bid Schedules:

Bid Schedule A: Taxiway J

Bid Schedule B: Taxiways L, N, and the taxiway connectors between Runway 17L-35R and Taxiway N

The Design Team consists of:

Prime:

AECOM: Overall contract and management of the project, and the coordination with the design of the taxiway pavement improvements.

Sub-consultants:

AVCON: Lighting, signage, electrical, and NAVAIDs;

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-496 Project Bid and Award Services, outlined herein, we propose a lump sum fee amount of **\$19,982** (\$9,991 for each Schedule A and B) and a not-to-exceed reimbursable expense amount of **\$135** (\$67.50 for each Schedule A and B), for a total contract fee amount of **\$20,117**. 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 **24.8%** (for each Bid Schedule and the Total for the Project).

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.

A handwritten signature in blue ink, appearing to read "Andrew Kacer".

Andrew Kacer, PE
VP

enclosures: Exhibit A



Exhibit A

BP-496: MCO East Airfield Taxiway 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-496 Project. This BP-496 Project provides rehabilitation and improvements for existing Taxiways L, N & J, as well as the taxiway connectors between Runway 17L-35R and Taxiway N.

This BP-496 Project is separated into the following two Bid Schedules:

Bid Schedule A: Taxiway J

Bid Schedule B: Taxiways L, N, and the taxiway connectors between Runway 17L-35R and Taxiway N

BID AND AWARD SERVICES

AECOM, with the support of the Design Team will prepare Bid Documents for the BP-496 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-496: MCO East Airfield Taxiway Rehabilitation and Related Work (Phase 2) - Bid and Award

Phase of Project:	Design Development 50%	Construction Documents 95%	Bidding and Award Schedule A	Bidding and Award Schedule B	Const. Admin.	Record Documents	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$0	\$0	\$9,991	\$9,991	\$0	\$0	\$19,982
2.0 Not to Exceed Reimbursable Fee:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.0 Not to Exceed Reimbursable Expenses:	\$0	\$0	\$67.5	\$67.5	\$0	\$0	\$135
4.0 TOTAL CONTRACT VALUE:	\$0	\$0	\$10,059	\$10,059	\$0	\$0	\$20,117

Total Lump Sum Labor Hours:	0	0	74.5	74.5	0	0	149
Total Not to Exceed Reimbursable Labor Hours:	0	0	0	0	0	0	0
TOTAL LABOR HOURS:	0	0	74.5	74.5	0	0	149
Average Hourly Rate:	\$0.00	\$0.00	\$134.11	\$134.11	\$0.00	\$0.00	\$134.11

**EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-2
SUMMARY OF TOTAL CONTRACT VALUE**

BP-496: MCO East Airfield Taxiway Rehabilitation and Related Work (Phase 2) - Bid and Award

Phase of Project:	Development (50%)		Const. Docs. (85%)		Bidding & Award (Schedule A)		Bidding & Award (Schedule B)		Record Documents		TOTAL		
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Cost	Avg. Rate
AECOM													
Lump Sum Fee Subtotal					37.5	\$ 5,378	37.5	\$ 5,378			75	\$10,756	\$143
Avcon													
Lump Sum Fee Subtotal					15	\$ 2,119	15	\$2,119			30	\$4,237	\$141
Pegasus													
Lump Sum Fee Subtotal					13	\$ 1,383	13	\$ 1,383			25	\$2,765	\$111
CERM													
Lump Sum Fee Subtotal					10	\$ 1,112	10	\$ 1,112			19	\$2,224	\$117
NA													
Lump Sum Fee Subtotal											0	\$0	\$0
Lump Sum Fee Subtotal											0	\$0	\$0
Total Lump Sum Amount:	0	\$0	0	\$0	74.5	\$9,991	74.5	\$9,991	0	0	149	\$19,982	\$134

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-3
SUMMARY OF TOTAL CONTRACT VALUE

BP-496: MCO East Airfield Taxiway 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):	\$170		\$220		\$176		\$139		\$96				Avg. Hourly
AECOM	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Bidding and Award (Schedule A)													
Prepare/Reproduce/Distribute Bid Documents	0.5	\$85	2	\$440		\$0	2	\$278	4	\$384	9	\$1,187	\$140
Prepare/Reproduce/Distribute Bid Addenda	0.5	\$85	2	\$440		\$0	2	\$278	7.5	\$720	12	\$1,523	\$127
Prepare for and Attend/Minute Pre-Bid Meeting	0	\$0	1	\$220		\$0	2	\$278	0	\$0	3	\$498	\$166
Prepare Construction Management Plan	0.5	\$85	1	\$220	2	\$352	5	\$695	0	\$0	9	\$1,352	\$159
Attend/Minute Bid Opening	0	\$0	0	\$0		\$0	0	\$0	1	\$96	1	\$96	\$96
Prepare Bid Tabulation/Recommendation	0.5	\$85	1	\$220		\$0	3	\$417	0	\$0	5	\$722	\$160
Sub-Total Bidding and Award (Schedule A)	2	\$340	7	\$1,540	2	\$352	14	\$1,946	12.5	\$1,200	38	\$5,378	\$143
Bidding and Award (Schedule B)													
Prepare/Reproduce/Distribute Bid Documents	0.5	\$85	2	\$440		\$0	2	\$278	4	\$384	9	\$1,187	\$140
Prepare/Reproduce/Distribute Bid Addenda	0.5	\$85	2	\$440		\$0	2	\$278	7.5	\$720	12	\$1,523	\$127
Prepare for and Attend/Minute Pre-Bid Meeting	0	\$0	1	\$220		\$0	2	\$278	0	\$0	3	\$498	\$166
Prepare Construction Management Plan	0.5	\$85	1	\$220	2	\$352	5	\$695	0	\$0	9	\$1,352	\$159
Attend/Minute Bid Opening	0	\$0	0	\$0		\$0	0	\$0	1	\$96	1	\$96	\$96
Prepare Bid Tabulation/Recommendation	0.5	\$85	1	\$220		\$0	3	\$417	0	\$0	5	\$722	\$160
Sub-Total Bidding and Award (Schedule B)	2	\$340	7	\$1,540	2	\$352	14	\$1,946	12.5	\$1,200	38	\$5,378	\$143
Construction Administration (NOT IN SCOPE)													
Closeout (NOT IN SCOPE)													
Prepare Record Drawings/Docs (NOT IN SCOPE)													
TOTAL LUMP SUM FEE:	4	\$680	14	\$3,080	4	\$704	28	\$3,892	25	\$2,400	75	\$10,756	\$143

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-3
SUMMARY OF TOTAL CONTRACT VALUE

BP-496: MCO East Airfield Taxiway Rehabilitation and Related Work (Phase 2) - Bid and Award

Position:	SR. PROJECT MANAGER		PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER		SENIOR CADD DESIGNER		TOTAL			
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate	
AVCON														
Bidding and Award (Bid Schedule A)														
Attend Pre-Bid Meeting	0	\$0	1	\$180	1	\$138	0	\$0	0	\$0	2	\$318	\$159	
Prepare/Reproduce/Distribute Bid Addenda	0	\$0	1	\$180	1.5	\$207	1.5	\$158	2	\$194	6	\$739	\$123	
Respond to Bidders Comments	1	\$216	2	\$360	2	\$276	2	\$210	0	\$0	7	\$1,062	\$152	
Sub-Total Bidding and Award (Bid Schedule A)	1	\$216	4	\$720	4.5	\$621	3.5	\$368	2	\$194	15	\$2,119	\$141	
Bidding and Award (Bid Schedule B)														
Attend Pre-Bid Meeting	0	\$0	1	\$180	1.0	\$138	0	\$0	0	\$0	2	\$318	\$159	
Prepare/Reproduce/Distribute Bid Addenda	0	\$0	1	\$180	1.5	\$207	1.5	\$158	2	\$194	6	\$739	\$123	
Respond to Bidders Comments	1	\$216	2	\$360	2	\$276	2	\$210	0	\$0	7	\$1,062	\$152	
Sub-Total Bidding and Award (Bid Schedule B)	1	\$216	4	\$720	4.5	\$621	3.5	\$368	2	\$194	15	\$2,119	\$141	
Construction Administration (NOT IN SCOPE)														
Closeout (NOT IN SCOPE)														
Prepare Record Drawings/Docs (NOT IN SCOPE)														
TOTAL LUMP SUM FEE:	2	\$ 432	8	\$ 1,440	9	\$ 1,242	7	\$ 735	4	\$ 388	30	\$ 4,237	\$141	

*ROUNDED TO THE NEAREST DOLLAR AMOUNT

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-3
SUMMARY OF TOTAL CONTRACT VALUE

BP-496: MCO East Airfield Taxiway 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):	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Pegasus Engineering, LLC											
Bidding and Award (Schedule A)											
Attend Pre-Bid Meeting	0	\$0	1	\$159	0	\$0	0	\$0	1	\$159	\$159
Prepare/Reproduce/Distribute Bid Addenda	0.5	\$87	2	\$318	2	\$182	2	\$148	7	\$735	\$113
Respond to Bidders Comments	0	\$0	1	\$159	2	\$182	2	\$148	5	\$489	\$98
Sub-Total Bidding and Award (Schedule A)	0.5	\$87	4	\$636	4	\$364	4	\$296	13	\$1,383	\$111
Bidding and Award (Schedule B)											
Attend Pre-Bid Meeting	0	\$0	1	\$159	0	\$0	0	\$0	1	\$159	\$159
Prepare/Reproduce/Distribute Bid Addenda	0.5	\$87	2	\$318	2	\$182	2	\$148	7	\$735	\$113
Respond to Bidders Comments	0	\$0	1	\$159	2	\$182	2	\$148	5	\$489	\$98
Sub-Total Bidding and Award (Schedule B)	0.5	\$87	4	\$636	4	\$364	4	\$296	13	\$1,383	\$111
Closeout (NOT IN SCOPE)											
Construction Administration (NOT IN SCOPE)											
Prepare Record Drawings/Documents (NOT IN SCOPE)											
TOTAL LUMP SUM FEE:	1	\$173	8	\$1,272	8	\$728	8	\$592	25	\$2,765	\$111

*ROUNDED TO THE NEAREST DOLLAR AMOUNT

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-3
SUMMARY OF TOTAL CONTRACT VALUE

BP-496: MCO East Airfield Taxiway Rehabilitation and Related Work (Phase 2) - Bid and Award

Position:	SENIOR PROJECT MANAGER		SENIOR ENGINEER		CADD TECHNICIAN		TOTAL		
	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate
Rate (\$/Hour):	\$146		\$147		\$76				
CERM									
Bidding and Award (Schedule A)									
Attend Pre-Bid Meeting	0	\$0	1	\$147	0	\$0	1	\$147	\$147
Prepare/Reproduce/Distribute Bid Addenda	0.5	\$73	2	\$294	2	\$152	5	\$519	\$115
Respond to Bidders Comments	0	\$0	2	\$294	2	\$152	4	\$446	\$112
Sub-Total Bidding and Award (Schedule A)	0.5	\$73	5	\$735	4	\$304	10	\$1,112	\$117
Bidding and Award (Schedule B)									
Attend Pre-Bid Meeting	0	\$0	1	\$147	0	\$0	1	\$147	\$147
Prepare/Reproduce/Distribute Bid Addenda	0.5	\$73	2	\$294	2	\$152	5	\$519	\$115
Respond to Bidders Comments	0	\$0	2	\$294	2	\$152	4	\$446	\$112
Sub-Total Bidding and Award (Schedule B)	0.5	\$73	5	\$735	4	\$304	10	\$1,112	\$117
Closeout (NOT IN SCOPE)									
Construction Administration (NOT IN SCOPE)									
Prepare Record Drawings/Documents (NOT IN SCOPE)									
TOTAL LUMP SUM FEE:	1	\$146	10	\$1,470	8	\$608	19	\$2,224	\$117

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

**BP-496: MCO East Airfield Taxiway Rehabilitation and Related Work (I
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 (Schedule A)	Bid
Project Manual (3 Sets)	\$67.50
Express Mailings, fax, couriers, mail	\$0.00
Permitting Fee	\$0.00
Total (AECOM)	\$67.50
AECOM (Schedule B)	Bid
Project Manual (3 Sets)	\$67.50
Express Mailings, fax, couriers, mail	\$0.00
Permitting Fee	\$0.00
Total (AECOM)	\$67.50
TOTAL REIMBURSABLE EXPENSES	\$135.00

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)
TABLE C-7
SUMMARY OF TOTAL CONTRACT VALUE

BP-496: MCO East Airfield Taxiway 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
Pegasus	301 West State Road 434, Suite 309, Winter Springs FL, FL32708	Drainage/Permitting	\$ 2,765	13.7%
CERM	4767 New Broad Street, Orlando, FL 32814	Airfield Pavement Markings	\$ 2,224	11.1%
TOTAL PROPOSED PARTICIPATION			\$4,989.00	24.8%

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	\$4,237.00	21.1%
TOTAL PROPOSED PARTICIPATION				\$4,237.00	21.1%

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-496: MCO East Airfield Taxiway Rehabilitation and Related Work (Phase 2) - Bid and Award	
(Bid Schedules A and B)	
DRAWING DESCRIPTION	NO. OF SHEETS
Consultant: AECOM	
COVER	1
PROJECT DRAWING LIST	1
SUMMARY OF QUANTITIES	1
GENERAL NOTES	1
OVERALL PROJECT LAYOUT PLAN	1
PROJECT CONSTRUCTION HAUL ROUTE AND NOTES	1
PROJECT LAYOUT AND SURVEY CONTROL PLAN	1
BORING/CORING LOCATION PLAN	1
BORING/CORING LOGS	2
SHEET LAYOUT PLAN	1
EXISTING CONDITIONS PLANS (10 SHEETS)	10
DEMOLITION PLANS (10 SHEETS)	10
GEOMETRY PLANS (10 SHEETS)	10
PAVEMENT PLANS (10 SHEETS)	10
POINT AND CURVE DATA TABLES	2
TYPICAL PAVEMENT SECTIONS (5 SHEETS)	5
GRADING PLANS PAVEMENT (10 SHEETS)	10
OVERALL PHASING PLANS	1
BARRICADE LOCATION PLANS (5 SHEETS)	5
SAFETY AND SECURITY PLAN AND NOTES	1
SAFETY AND SECURITY DETAILS	1
PAVEMENT ELEVATION PLANS (10 SHEETS)	10
CROSS SECTIONS (39 TW SHEETS)	39
SUBTOTAL	125

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

Subconsultant No. 1: AVCON	
AIRFIELD LIGHTING LEGEND & NOTES	1
ELECTRICAL GENERAL NOTES	1
ELECTRICAL SYMBOL LEGEND	1
ELECTRICAL KEY PLAN	1
AIRFIELD ELECTRICAL EXISTING CONDITIONS AND DEMO. (11 SHEETS)	11
VAULT OEMO. (4 SHEETS)	4
AIRFIELD ELECTRICAL LIGHTING LAYOUT (11 SHEETS)	11
AIRFIELD ELECTRICAL LIGHTING CIRCUITING (11 SHEETS)	11
AIRFIELD LIGHTING NUMBERING PLAN (11 SHEETS)	11
MANHOLE / JUNCTION CAN PLAZA CONVERSION PLAN (2 SHEETS)	2
VAULT EXISTING ONE-LINE (2 SHEETS)	2
VAULT EXISTING POWER DISTRIBUTION PANELS	1
VAULT EXISTING BUS PANELS	1
VAULT EXISTING CCR CONTROL CIRCUIT	1
VAULT PROPOSED POWER PLAN	1
VAULT PROPOSED REGULATOR PLATFORM LAYOUT	1
VAULT PROPOSED ONE-LINE (2 SHEETS)	2
VAULT PROPOSED POWER DISTRIBUTION PANELS	1
VAULT PROPOSED BUS PANELS	1
VAULT PROPOSED CCR CONTROL CIRCUIT DIAGRAM	1
CCR LABEL AND CONNECTION DETAILS	1
SEMI FLUSH FIXTURE DETAILS (5 SHEETS)	5
SIGN SCHEDULE (S)	1
SIGN DETAILS (4 SHEETS)	4
WIRING AND IDENTIFICATION DETAILS	1
LIGHTNING ARRESTOR DETAILS	1
TEMPORARY LIGHTING DETAILS	1
UTILITY PROTECTION DETAILS	1
GROUND PIT INSTALLATION DETAIL	1
EXISTING AIRPORT GROUND GRID	1
SUBTOTAL	83
Subconsultant No. 2: PEGASUS	
DRAINAGE PLANS (10 SHEETS)	10
EROSION CONTROL DETAILS (2 SHEETS)	2
DRAINAGE DETAILS (2 SHEETS)	2
SUBTOTAL	14
Subconsultant No. 3: CERM	
PAVEMENT MARKING PLANS (10 SHEETS)	10
PAVEMENT MARKING DETAILS (2 SHEETS)	2
SUBTOTAL	12
TOTAL	234

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL (OVERALL)

TABLE C-9

SUMMARY OF TOTAL CONTRACT VALUE

BP-496: MCO East Airfield Taxiway Rehabilitation and
Related Work (Phase 2) - Bid and Award

**BP-496: MCO East Airfield Taxiway 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	\$170.00
AECOM	Senior Project Manager	\$220.00
AECOM	Senior Engineer	\$176.00
AECOM	Project Engineer	\$139.00
AECOM	Senior CADD Designer	\$96.00

FIRM	POSITION	CONTRACT HOURLY RATE
AVCON	Sr. Project Manager	\$216.00
AVCON	Project Manager	\$180.00
AVCON	Senior Engineer	\$138.00
AVCON	Project Engineer	\$105.00
AVCON	Senior CADD Technician	\$97.00

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	\$146.00
CERM	Senior Engineer	\$147.00
CERM	CADD Technician	\$76.00

BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2)

Bid Schedule A: Taxiway J

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.

Andrew Kacer

By: _____

Print Name: Andrew Kacer, PE

Date: 11-30-2021

BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2)

Bid Schedule B: Taxiways N, L, and the taxiway connectors between Runway 17L-35R and Taxiway N

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.

Andrew Kacer

By: _____

Print Name: Andrew Kacer, PE

Date: 11-30-2021



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: December 14, 2021

Re: Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with AECOM Technical Services, Inc. for Bid & Award Phase Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (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 24.8% 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) 825-7130

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: **Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with AECOM Technical Services, Inc. for Bid & Award Phase Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (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	_____

4. Engineering/Professional Services Information:

Addendum Amount: 20,117.00

5. DBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	_____
Asian Subcontinent American	-	Actual Result	_____
Black American	<u>2,224.00</u>	Actual Result	<u>11.1%</u>
Caucasian Female American	-	Actual Result	_____
Hispanic American	<u>2,765.00</u>	Actual Result	<u>13.7%</u>
Native American	-	Actual Result	_____
Other	_____	Actual Result	_____
Total DBE Participation	4,989.00	Actual Result	24.8%

3.a. Prime Contractor Information:

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

6.b. Engineering / Professional Services Firm Information:

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

3.b. Name and Address of DBE Subcontractor

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

6.b. Name and Address of DBE Subconsultant

Name: Please see attached
 Address: _____
 City, State, Zip: _____
 Telephone: _____

3.c. *Identity:

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

6.c. *Identity:

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

I certify that the information included on this form and its attachment is correct

Signature: Edelis Molina Date: 12/14/21

for George I. Morning, Director of Small Business Development Department

* 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)

DBE Subcontractor/Subconsultant Certification

Project Name & Number: Request for Recommendation of Approval of an Addendum to the Professional Services Agreement with AECOM Technical Services, Inc. for Bid & Award Phase Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2), Orlando International Airport

Prime Firm: AECOM Technical Services, Inc.

Addendum Amount: \$20,117.00

Company Name	<u>Pegasus Engineering, LLC</u>	<u>Corporate Environmental Risk Management, LLC</u>
Address	<u>301 West State Road 434, Suite 309</u>	<u>1990 Lakeside Drive, Suite 300</u>
City, State, Zip	<u>Winter Springs, FL 32708</u>	<u>Tucker, GA 30084</u>
Phone	<u>(407) 992-9160</u>	<u>(678) 999-0173</u>
Identity	<u>Hispanic American</u>	<u>Black American</u>
Work Item	<u>Drainage/Permitting</u>	<u>Airfield Pavement Markings</u>
Amount of Subcontract	<u>2,765.00</u>	<u>2,224.00</u>
Percentage	<u>13.7%</u>	<u>11.1%</u>

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

\$4,989.00 24.8%
20,117.00

- B. **Subcontract Modification for BP-S00173 (GMP No. 7-S.3) with Kirlin Florida, Inc. for CR 2081-7S.3-RFI 5846 – Level 7 Areas 3 and 6 Condensate Piping.** Mr. Corthell presented the GMP BBC request. Agenda Item Nos. 2-A and 2-B were considered in one motion. Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to approve Turner-Kiewit Joint Venture to issue a Subcontract Modification to Kirlin Florida, Inc. on BP-S00173, South Terminal C, Phase 1 – Landside Terminal, MEP Systems (GMP No. 7-S.3), for the total lump sum amount of \$9,398.00, with funding from General Airport Revenue Bonds and Passenger Facility Charges.

SOUTH TERMINAL C

REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 20 TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR ADDITIONAL FY 2022 CONSTRUCTION PHASE SERVICES FOR W-S00110, SOUTH TERMINAL C, PHASE 1 - ARCHITECT OF RECORD SERVICES (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.

3. Mr. Corthell presented the memorandum, dated December 14, 2021. Mr. Corthell stated that this item is subject to the Construction Finance Oversight Committee (CFOC). Discussion ensued.

Upon motion of Mr. Gilliam, second by Mr. Pelletier, vote carried to approve an Amendment to Addendum No. 20 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Additional FY 2022 Construction Phase Services for W-S00110, South Terminal C, Phase 1 - Architect of Record Services (& Major Subs), at the Orlando International Airport, for the total lump sum amount of \$55,907.00, with funding from FDOT Grants to the extent eligible, Passenger Facility Charges to the extent eligible, Customer Facility Charges to the extent eligible, and General Airport Revenue Bonds; subject to the CFOC.

REQUEST FOR APPROVAL OF AN AMENDMENT TO ADDENDUM NO. 36 TO THE ARCHITECT OF RECORD SERVICES FOR THE SOUTH TERMINAL C, PHASE 1 AGREEMENT WITH HNTB CORPORATION FOR ADDITIONAL DESIGN PHASE SERVICES FOR THE GROUND TRANSPORTATION FACILITY FOR W-S00110, SOUTH TERMINAL C, PHASE 1 - ARCHITECT OF RECORD SERVICES (& MAJOR SUBS), AT THE ORLANDO INTERNATIONAL AIRPORT.

4. *[A handout was presented, which includes a revised Memorandum and backup documentation.]* Mr. Corthell presented the memorandum, dated December 14, 2021. Mr. Corthell stated that this item is subject to the Construction Finance Oversight Committee (CFOC). Discussion ensued.

Upon motion of Ms. Sharman, second by Mr. Gilliam, vote carried to approve an Amendment to Addendum No. 36 to the Architect of Record Services for the South Terminal C, Phase 1 Agreement with HNTB Corporation for Additional Design Phase Services for the Ground Transportation Facility for W-S00110, South Terminal C, Phase 1 - Architect of Record Services (& Major Subs), at the Orlando International Airport, for the total lump sum amount of \$247,936.00, with funding from FDOT Grants to the extent eligible and Customer Facility Charges to the extent eligible; subject to the CFOC.

GENERAL

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE PROFESSIONAL SERVICES AGREEMENT WITH AECOM TECHNICAL SERVICES, INC. FOR BID AND AWARD PHASE SERVICES FOR BP-496, MCO EAST AIRFIELD TAXIWAYS REHABILITATION AND RELATED WORK (PHASE 2) AT THE ORLANDO INTERNATIONAL AIRPORT.

5. *[A handout was presented, which includes a revised Memorandum.]* Ms. Watson presented the memorandum, dated December 14, 2021. Discussion ensued.

Upon motion of Mr. Pelletier, second by Mr. Gilliam, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the Professional Services Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Services for BP-496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2) at the Orlando International Airport, for the total amount of \$20,117.00, which includes a lump sum fee amount of \$19,982.00 and a not-to-exceed reimbursable expenses amount of \$135.00, with funding from FDOT Grants to the extent eligible, and previously-approved Capital Expenditure Funds to be reimbursed by future FAA Grants to the extent eligible. ✓



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: January 19, 2022

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the Design Consultant Services for East Airfield Taxiway Rehabilitation Agreement with AECOM Technical Services, Inc. for Bid and Award Phase Architect/Engineer (A/E) Services for Project Bid Package (BP) No. 00496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2), at the Orlando International Airport (MCO)

BACKGROUND

MCO East Airfield Taxiways Rehabilitation and Related Work (Phases 1 and 2) will include the rehabilitation of the existing pavement for Taxiways E, F, J, L and N, which connect to Runway 17L-35R. Work will include concrete joint replacement, asphalt mill and overlay, improvements to pavement geometry, markings, lighting, signage, shoulders and safety areas. Taxiways E, F, J and L are asphalt taxiways and work in these areas will include mill and overlay of the asphalt pavement, including improvements for taxiway geometry, shoulders, safety areas, pavement markings, lighting and signage. Taxiway N and its connectors N1-N6 are concrete taxiways. Work for this taxiway and its connectors will include replacement of isolated cracked slabs and resealing for the joints in the concrete pavement, including improvements for taxiway geometry, shoulders, safety areas, pavement markings, lighting and signage.

On February 20, 2019, the Aviation Authority approved the award of a Design Consultant Services Agreement for East Airfield Taxiway Rehabilitation at the Orlando International Airport to AECOM Technical Services, Inc. Design will be completed as one contract in Fiscal Year (FY) 2021, with construction work done as two contracts, per Federal Aviation Administration (FAA) direction. Construction work in FY 2022 will be done as BP No. 00495, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 1), and in FY 2023 as BP No. 00496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2).

ISSUES

A fee has been negotiated with AECOM Technical Services, Inc. for a total amount of \$20,117, to provide Bid and Award Phase A/E Services for BP No. 00496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2), at the Orlando International Airport. 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. If approved, services will be effective upon execution of the Florida Department of Transportation (FDOT) Grant.

The Aviation Authority has reviewed the proposal and determined that AECOM Technical Services, Inc. is committed to achieving 24.8% DBE participation for these services.

On December 14, 2021, the Construction Committee recommended approval of an Addendum to the Design Consultant Services for East Airfield Taxiway Rehabilitation Agreement with AECOM Technical Services, Inc. for Bid and Award Phase A/E Services for BP No. 00496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2), at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None

FISCAL IMPACT

The fiscal impact is \$20,117. Funding is from FDOT Grants to the extent eligible, and previously-approved Capital Expenditure Funds to be reimbursed by future FAA 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 (1) approve an Addendum to the Design Consultant Services for East Airfield Taxiway Rehabilitation Agreement with AECOM Technical Services, Inc. for Bid and Award Phase A/E Services for BP No. 00496, MCO East Airfield Taxiways Rehabilitation and Related Work (Phase 2), at the Orlando International Airport, for a total amount of \$20,117, which includes a lump sum fee amount of \$19,982 and a not-to-exceed reimbursable expenses amount of \$135, with funding from FDOT Grants to the extent eligible, and previously-approved Capital Expenditure Funds to be reimbursed by future FAA Grants to the extent eligible; (2) request Orlando City Council concurrence, as required because of FAA funding; and, (3) authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.

BP-496
Phase 2

