

**ADDENDUM NO. 3
TO THE AGREEMENT DATED JANUARY 10, 2022
BETWEEN THE GREATER ORLANDO AVIATION AUTHORITY
AND AECOM TECHNICAL SERVICES, INC.**

Project: Construction Administration Services for BP-497 MCO Taxiways G and H Rehabilitation – Phase 1, Orlando International Airport

THIS ADDENDUM is effective this Oct 26, 2023 day of _____, 20____, by and between the **GREATER ORLANDO AVIATION AUTHORITY** (“Authority”), and **AECOM TECHNICAL SERVICES, INC.** (“Consultant”).

WITNESSETH:

WHEREAS, by Agreement dated January 10, 2022, 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 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 **NOT TO EXCEED** amount of **SIX HUNDRED THIRTY-TWO THOUSAND NINE HUNDRED EIGHTY-FOUR AND NO/100 DOLLARS (\$632,984.00)**, broken down as follows:

Professional Fees:	NTE:	\$630,884.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$2,100.00</u>
Total:		\$632,984.00

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 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 Oct 26, 2023.

GREATER ORLANDO AVIATION AUTHORITY

Approved as to Form and Legality
(for the benefit of GOAA only)
this day of Oct 20, 2023

Karen Ryan

By:

boxSIGN

1JBRLK51-1R795QXW

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

By:

boxSIGN

1V3Q39J4-1R795QXW

Kevin J. Thibault
Kevin Thibault
Chief Executive Officer

AECOM TECHNICAL SERVICES, INC.

Andrew Kacer

By:

boxSIGN

46ZLZBLJ-1R795QXW

Signature (Duly Authorized Rep.)

Andrew Kacer

Printed Name

VP

Title



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

Memorandum

To: Members of the Construction Committee

From: Tuan Nguyen, P.E., Assistant VP, Engineering

Date: September 26, 2023

Re: Request for Rescission of Prior Approval and Recommendation of Approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 with AECOM Technical Services, Inc. for Construction Administration Services for BP-497 MCO Taxiways G&H Rehabilitation – Phase 1, including the Base Bid and Add Alternates 1, 2 & 3 at the Orlando International Airport

On June 6, 2023, the Construction Committee approved Item I in the Not to Exceed Fees amount of \$693,021.00 for the Construction Administration Services for the referenced project, subject to a future Federal Aviation Administration (FAA) grant. This amount was included in the grant application and was submitted to the FAA shortly after. The Greater Orlando Aviation Authority has recently received the FAA grant offer dated September 11, 2023, and based on the final grant amount, this approval should be rescinded and approved as denoted below.

Consultant's revised proposal, dated August 18, 2023, is to provide the required Construction Administration Services, as further outlined in the attached Scope of Services.

The project's scope is to provide the Phase 1 Construction for the Rehabilitation of Taxiways G and H and their connectors, North of Taxiway E. Construction work includes resealing the joints and replacing isolated cracked slabs for the concrete pavement, rehabilitating the asphalt shoulders, and improvements for the taxiways' geometry, lighting, marking and signage.

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

Funding is from Federal Aviation Administration & Florida Department of Transportation grants to the extent eligible, GOAA Capital Expenditure, and Line of Credit to be reimbursed by future General Airport Revenue Bonds. Funding is verified by Melvin Martinez of Construction Finance on 09/20/23 as correct and available.

It is respectfully requested that the Construction Committee rescind its prior approval and recommend to the Aviation Authority Board approval of an Addendum to the Professional Services Agreement with AECOM Technical Services, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$630,884.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$2,100.00
TOTAL	\$632,984.00
AAC – Compliance Review Date	<i>EW</i> 9/18/2023
AAC – Funding Eligibility Review Date	9/19/2023

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



August 18, 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-497: Taxiways G & H Rehabilitation – Phase 1
Construction Administration Services

Mr. Nguyen:

AECOM Technical Services, Inc. (AECOM) is pleased to submit our Scope and Fee Proposal for Construction Administration Services for the BP-497: Taxiways G & H Rehabilitation – Phase 1 Project (BP-497 Project).

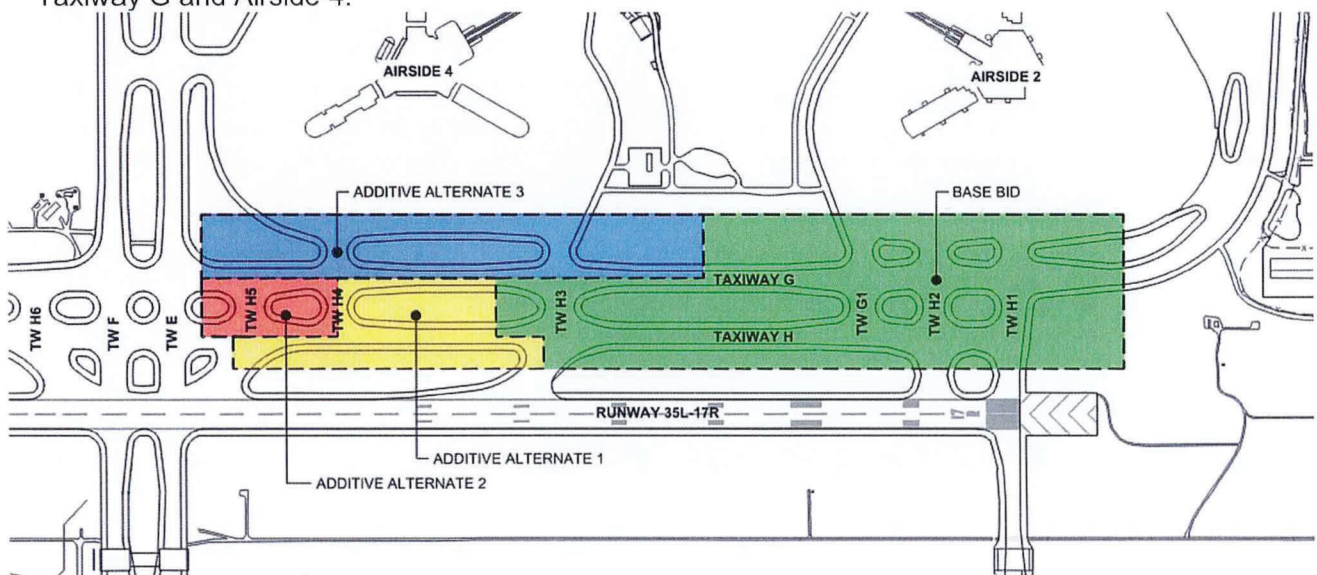
This BP-497 Project is separated into the following:

Base Bid: Rehabilitation of Taxiways G & H and connection to Airside 2 north of Taxiway H3, general limits as shown in the graphic below.

Additive Alternate 1: Rehabilitation of Taxiways G & H, between Taxiways H3 and H4.

Additive Alternate 2: Rehabilitation of Taxiways G & H, between Taxiways H4 and H5.

Additive Alternate 3: Rehabilitation of Taxiways G, between Taxiway E and G1 and between Taxiway G and Airside 4.



PROJECT ALTERNATE DELINEATION MAP

The AECOM Team consists of the following:

Prime:

AECOM: Overall contract management of the project and civil airfield improvements.

Subconsultants:

AVCON: Lighting, signage, electrical, and NAVAIDs;

Pegasus Engineering, LLC: Stormwater improvements; and,

Corporate Environmental Risk Management, LLC: Airfield markings; and,

Echo-UES, Inc.: Survey Validation.

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



A detailed description of the BP-497 Project is as described in the Attached Scope of Services. For these Construction Administration Services, outlined herein, we propose a not to exceed reimbursable fee amount of **\$630,884** for the combined work of the Base Bid and all three Additive Alternates, a not-to-exceed reimbursable expense amount of **\$2,100**, for a total contract fee amount of **\$632,984**. 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 for the combination of the Base Bid and all three Additive Alternates to be **14.0%** for this BP-497 Project.

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

Sincerely,

AECOM Technical Services, Inc.

A handwritten signature in blue ink that reads "Andrew Kacer".

Andrew Kacer, PE
VP

enclosures: Exhibit A



ATTACHMENT A

Construction Administration Scope of Services BP-497: Taxiways G & H Rehabilitation - Phase 1 at Orlando International Airport

PROJECT DESCRIPTION

AECOM, with the support of AVCON, Inc., Pegasus Engineering, LLC, Corporate Environmental Risk Management, LLC, and Echo-UES, Inc. has prepared the below scope to provide Construction Administration Services for the BP-497: Taxiways G & H Rehabilitation - Phase 2 Project (BP-497 Project). Our work will be performed during the construction of the project and specifically excludes services performed by the Owner's Authorized Representative (OAR).

This BP-497 Project is separated into the following two Bid Schedules:

Base Bid: Rehabilitation of Taxiways G & H and connection to Airside 2 north of Taxiway H3, general limits as shown in the graphic below.

Additive Alternate 1: Rehabilitation of Taxiways G & H, between Taxiways H3 and H4.

Additive Alternate 2: Rehabilitation of Taxiways G & H, between Taxiways H4 and H5.

Additive Alternate 3: Rehabilitation of Taxiways G, between Taxiway E and G1 and between Taxiway G and Airside 4.

The Construction Administration services that we intend to provide for this BP-497 Project are as follows:

A. CONSTRUCTION PHASE

1. Prepare for and attend the pre-construction conference; at the pre-construction conference AECOM will provide to the Contractor, GOAA staff, and OAR a combined: (4) four sets of full size drawings, (8) eight sets of half size drawings, and (8) twelve sets of specifications.
2. Review and approve shop drawings and other submittals to evaluate conformance with design intent, construction documents, and permit requirements;
3. Review Contractor's survey verification submittals;
4. Provide periodic site observations of the quality and progress of the contractor's work in order to determine if the construction is proceeding in accordance with the Contract Documents. The Consultant's efforts will be directed toward determining whether the completed project will generally conform to the Contract Documents. During such visits, Consultant shall keep Authority informed of the progress of the work, endeavor to guard the Authority against defects and deficiencies on the work of Contractor(s). Consultant will not be responsible for the means, methods, techniques, sequences or procedures of the construction selected by the contractor(s) or the safety precautions and programs incidental to the work of the Contractor(s);
5. Attend construction coordination meetings (one every two weeks) and other meetings as required (15 for the Base Bid, 3 for Additive Alternate 1, 2 for Additive Alternate 2, and 3 for Additive Alternate 3 for a total of 23 maximum);
6. Respond to various Requests for Information, Job memoranda, and other field

prepared inquiries;

7. Provide Consultation to the Authority throughout Construction;
8. Review, evaluate, and provide input for Change Orders;
9. Coordinate with Contractor's survey during survey validation phase, if determined that this is required;
10. Review Contractor Applications for Payment;
11. Coordination w/Team Members, Contractor and CM; and,
12. Attend and document substantial completion inspection.

B. CLOSEOUT PHASE

1. Attend and document final completion inspection for the overall project;
2. Prepare SFWMD Construction Completion Certificate;
3. Review as-built documents;
4. Prepare Record Documents and AutoCAD discs based upon information supplied by Authority's OAR and Construction Contractor;
5. Receive and review written guarantees and other required close-out documents assembled by the Contractor(s) and provided to the Owner's Authorized Representative for sufficiency; and
6. Update to the eALP; using as-built AutoCAD survey data, utilizing the FAA AC 150/5300-18B – "General Guidance and Specifications for Submission of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards". The as-built survey data should include the elevation data for all new construction and will be delivered in NAD 83 Florida State Plane, East Zone, US Foot coordinates. The Authority will open an Existing Survey Project on the FAA's Airports-GIS database website. Consultant will upload the revised eALP to the FAA website.

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-1
SUMMARY OF TOTAL CONTRACT VALUE
CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

Phase of Project:	Const. Admin (Base Bid)	Const. Admin (Add. Alternate 1)	Const. Admin (Add. Alternate 2)	Const. Admin (Add. Alternate 3)	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$0	\$0	\$0	\$0	\$0
2.0 Not to Exceed Reimbursable Fee:	\$401,073	\$85,376	\$67,921	\$76,514	\$630,884
3.0 Not to Exceed Reimbursable Expenses:	\$2,100	\$0	\$0	\$0	\$2,100
4.0 TOTAL CONTRACT VALUE:	\$403,173	\$85,376	\$67,921	\$76,514	\$632,984

Total Lump Sum Labor Hours:	0	0	0	0	0
Total Not to Exceed Reimbursable Labor Hours:	2,712	586	476	521	4,295
TOTAL LABOR HOURS:	2,712	586	476	521	4,295
Average Hourly Rate:	\$147.89	\$145.69	\$142.69	\$146.86	\$146.89

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-4
SUMMARY OF NOT TO EXCEED REIMBURSABLE FEES AND EXPENSES
CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

Phase of Project:	Const. Admin (Base Bid)		Const. Admin (Add Alternate 1)		Const. Admin (Add Alternate 2)		Const. Admin (Add Alternate 3)		TOTAL		
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Cost	Avg. Rate
AECOM											
Not to Exceed Reimbursable Fee	1,370	\$213,801	243	\$37,605	166	\$25,376	166	\$26,147	1,945	\$302,929	\$155.75
Not to Exceed Reimbursable Expenses		\$2,100		\$0		\$0		\$0		\$2,100	
Sub-Total AECOM	1,370	\$215,901	243	\$37,605	166	\$25,376	166	\$26,147	1,945	\$305,029	\$155.75
Avcon Inc.											
Not to Exceed Reimbursable Fee	723	\$94,476	168	\$21,877	156	\$19,695	150	\$19,693	1,197	\$155,741	\$130.11
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0	
Sub-Total Avcon	723	\$94,476	168	\$21,877	156	\$19,695	150	\$19,693	1,197	\$155,741	\$130.11
Pegasus											
Not to Exceed Reimbursable Fee	315	\$49,543	67	\$10,409	62	\$9,572	89	\$14,117	533	\$83,641	\$156.92
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0	
Sub-Total Pegasus	315	\$49,543	67	\$10,409	62	\$9,572	89	\$14,117	533	\$83,641	\$156.92
CERM											
Not to Exceed Reimbursable Fee	216	\$29,477	82	\$11,301	66	\$9,094	90	\$12,373	454	\$62,245	\$137.10
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0	
Sub-Total CERM	216	\$29,477	82	\$11,301	66	\$9,094	90	\$12,373	454	\$62,245	\$137.10
ECHO											
Not to Exceed Reimbursable Fee	88	\$13,776	26	\$4,184	26	\$4,184	26	\$4,184	166	\$26,328	\$158.60
Not to Exceed Reimbursable Expenses		\$0		\$0		\$0		\$0		\$0	
Sub-Total ECHO	88	\$13,776	26	\$4,184	26	\$4,184	26	\$4,184	166	\$26,328	\$158.60
SubConsultant No. 5											
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Not to Exceed Reimbursable Expenses										\$0	
Sub-Total SubConsultant No. 5	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	\$0.00
Total Not to Exceed Amount:	2,712	\$403,173	586	\$85,376	476	\$67,921	521	\$76,514	4,295	\$632,984	\$147.38

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES
CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

Position:	QA/QC		SENIOR PROJECT		SENIOR DESIGNER/CONSTRUCTION		SENIOR PLANNER		PROJECT ENGINEER		PROJECT MANAGEMENT ASSISTANT		TOTAL		
	REVIEWER		MANAGER		MANAGER		MANAGER		MANAGER		MANAGER		labor hours	Cost	Avg. Hourly Rate
	Rate (\$/hour):		Rate (\$/hour):		Rate (\$/hour):		Rate (\$/hour):		Rate (\$/hour):		Rate (\$/hour):				
	\$175		\$227		\$164		\$147		\$143		\$88				
AECOM															
Construction Administration Services (Base Bid)															
AECOM Team Meetings	0	\$0	8	\$1,816	12	\$1,968	0	\$0	12	\$1,716	20	\$1,760	52	\$7,260	\$139.62
Attend (Prepare for) Pre-Construction Conference	0	\$0	5	\$1,135	5	\$820	0	\$0	5	\$1,715	0	\$0	15	\$2,670	\$178.00
Review and Approve Shop Drawings and Other Submittals	8	\$1,400	8	\$1,816	80	\$9,840	0	\$0	115	\$16,845	0	\$0	191	\$29,501	\$154.46
Review and Approve Shop Drawings (Resubmittals)	4	\$700	8	\$1,816	30	\$4,920	0	\$0	40	\$5,720	0	\$0	82	\$13,155	\$160.44
Review Contractor Validation and As-Built Surveys	0	\$0	8	\$1,816	30	\$4,920	0	\$0	40	\$5,720	0	\$0	78	\$12,456	\$159.69
Site Visits (20 Visits)	0	\$0	10	\$2,270	60	\$9,840	0	\$0	40	\$5,720	0	\$0	110	\$17,830	\$162.09
Construction Coordination/Special Meetings (15 Meetings)	0	\$0	13	\$2,951	30	\$4,920	12	\$1,764	13	\$1,859	0	\$0	68	\$11,494	\$169.02
Respond to Requests for Information, Job Memoranda, and other inquiries	10	\$1,750	8	\$1,816	50	\$8,200	12	\$1,764	48	\$6,864	20	\$1,760	148	\$22,154	\$149.89
Provide Consultation to the Authority throughout Construction	0	\$0	8	\$1,816	20	\$3,280	20	\$2,940	48	\$6,864	0	\$0	96	\$14,900	\$155.21
Review and provide input for Change Orders	0	\$0	8	\$1,816	30	\$4,920	0	\$0	48	\$6,864	0	\$0	86	\$13,600	\$158.14
Review Contractor's Applications for Payment	0	\$0	4	\$908	10	\$1,640	0	\$0	30	\$4,290	0	\$0	44	\$6,836	\$155.41
Coordination w/Team Members, Contractor and CM.	0	\$0	8	\$1,816	16	\$2,624	0	\$0	16	\$2,288	0	\$0	40	\$6,728	\$168.20
Attend and Document Substantial and Final Completion Inspection	0	\$0	8	\$1,816	8	\$1,312	0	\$0	10	\$1,430	0	\$0	26	\$4,558	\$175.31
SFVMD Construction Completion Certificate	0	\$0	4	\$908	2	\$328	0	\$0	2	\$572	10	\$980	20	\$2,680	\$134.00
Prepare Record Documents	8	\$1,400	6	\$1,362	8	\$1,312	4	\$568	50	\$7,150	10	\$880	86	\$12,692	\$147.59
Sub-Total CA Services (Base Bid)	30	\$5,250	114	\$25,978	371	\$60,844	48	\$7,056	919	\$74,217	60	\$5,280	1,142	\$178,525	\$156.33
Construction Administration Services (Additive Alternate 1)															
AECOM Team Meeting	0	\$0	2	\$454	2	\$328	0	\$0	2	\$286	8	\$704	14	\$1,772	\$126.57
Review and Approve Shop Drawings and Other Submittals	2	\$350	2	\$454	8	\$1,312	0	\$0	8	\$1,144	0	\$0	20	\$3,260	\$163.00
Review and Approve Shop Drawings (Resubmittals)	2	\$350	2	\$454	4	\$656	0	\$0	8	\$1,144	0	\$0	16	\$2,604	\$162.75
Review Contractor Validation Survey	0	\$0	2	\$454	4	\$656	0	\$0	12	\$1,716	0	\$0	18	\$2,626	\$147.00
Site Visits (5 Visits)	0	\$0	8	\$1,816	12	\$1,968	0	\$0	12	\$1,716	0	\$0	32	\$5,600	\$175.88
Construction Coordination/Special Meetings (3 Meetings)	0	\$0	3	\$681	6	\$984	0	\$0	6	\$958	0	\$0	15	\$2,523	\$168.20
Respond to Requests for Information, Job Memoranda, and other inquiries	2	\$350	2	\$454	12	\$1,968	0	\$0	12	\$1,716	16	\$1,584	46	\$6,072	\$132.00
Provide Consultation to the Authority throughout Construction	0	\$0	4	\$908	8	\$1,312	2	\$294	8	\$1,144	0	\$0	22	\$3,688	\$166.27
Review and provide input for Change Orders	0	\$0	2	\$454	6	\$984	0	\$0	8	\$1,144	0	\$0	16	\$2,592	\$161.38
Review Contractor's Applications for Payment	0	\$0	2	\$454	2	\$328	0	\$0	8	\$1,144	0	\$0	12	\$1,926	\$160.50
Coordination w/Team Members, Contractor and CM.	0	\$0	2	\$454	2	\$328	0	\$0	4	\$572	0	\$0	8	\$1,354	\$169.25
Prepare Record Documents	2	\$350	2	\$454	4	\$656	0	\$0	12	\$1,716	4	\$352	24	\$3,528	\$147.00
Sub-Total CA Services (Additive Alternate 1)	8	\$1,400	32	\$7,491	70	\$11,480	2	\$294	100	\$14,300	30	\$2,640	243	\$37,685	\$154.75
Construction Administration Services (Additive Alternate 2)															
AECOM Team Meeting	0	\$0	2	\$454	2	\$328	0	\$0	2	\$286	8	\$704	14	\$1,772	\$126.57
Review and Approve Shop Drawings and Other Submittals	2	\$350	2	\$454	4	\$656	0	\$0	8	\$1,144	0	\$0	16	\$2,604	\$162.75
Review and Approve Shop Drawings (Resubmittals)	2	\$350	2	\$454	4	\$656	0	\$0	8	\$1,144	0	\$0	16	\$2,604	\$162.75
Review Contractor Validation Survey	0	\$0	2	\$454	4	\$656	0	\$0	12	\$1,716	0	\$0	18	\$2,626	\$147.00
Site Visits (3 Visits)	0	\$0	4	\$908	4	\$656	0	\$0	4	\$572	0	\$0	12	\$2,136	\$178.00
Construction Coordination/Special Meetings (2 Meetings)	0	\$0	2	\$454	2	\$328	0	\$0	2	\$286	0	\$0	6	\$1,068	\$178.00
Respond to Requests for Information, Job Memoranda, and other inquiries	2	\$350	2	\$454	4	\$656	0	\$0	4	\$572	18	\$1,584	30	\$3,616	\$120.53
Provide Consultation to the Authority throughout Construction	0	\$0	2	\$454	4	\$656	2	\$294	4	\$572	0	\$0	12	\$1,976	\$164.67
Review and provide input for Change Orders	0	\$0	2	\$454	6	\$984	0	\$0	4	\$572	0	\$0	12	\$2,010	\$167.50
Review Contractor's Applications for Payment	0	\$0	2	\$454	2	\$328	0	\$0	4	\$572	0	\$0	8	\$1,354	\$169.25
Coordination w/Team Members, Contractor and CM.	0	\$0	2	\$454	2	\$328	0	\$0	4	\$572	0	\$0	8	\$1,354	\$169.25
Prepare Record Documents	2	\$350	2	\$454	2	\$328	0	\$0	4	\$572	4	\$352	14	\$2,058	\$146.86
Sub-Total CA Services (Additive Alternate 2)	8	\$1,400	28	\$5,902	40	\$6,560	2	\$294	60	\$8,580	30	\$2,640	166	\$25,376	\$152.87
Construction Administration Services (Additive Alternate 3)															
AECOM Team Meeting	0	\$0	2	\$454	2	\$328	0	\$0	2	\$286	8	\$704	14	\$1,772	\$126.57
Review and Approve Shop Drawings and Other Submittals	2	\$350	2	\$454	8	\$1,312	0	\$0	4	\$572	0	\$0	16	\$2,604	\$162.75
Review and Approve Shop Drawings (Resubmittals)	2	\$350	2	\$454	4	\$656	0	\$0	4	\$572	0	\$0	12	\$2,032	\$169.33
Review Contractor Validation Survey	0	\$0	2	\$454	4	\$656	0	\$0	4	\$572	0	\$0	10	\$1,682	\$168.20
Site Visits (5 Visits)	0	\$0	4	\$908	8	\$1,312	0	\$0	4	\$572	0	\$0	16	\$2,792	\$174.50
Construction Coordination/Special Meetings (3 Meetings)	0	\$0	3	\$681	3	\$492	0	\$0	4	\$572	0	\$0	10	\$1,745	\$174.50
Respond to Requests for Information, Job Memoranda, and other inquiries	2	\$350	2	\$454	6	\$984	0	\$0	4	\$572	12	\$1,056	26	\$3,418	\$131.38
Provide Consultation to the Authority throughout Construction	0	\$0	4	\$908	4	\$656	0	\$0	4	\$572	0	\$0	12	\$2,136	\$178.00
Review and provide input for Change Orders	0	\$0	2	\$454	2	\$328	2	\$294	4	\$572	0	\$0	10	\$1,648	\$164.80
Review Contractor's Applications for Payment	0	\$0	2	\$454	2	\$328	0	\$0	4	\$572	0	\$0	8	\$1,354	\$169.25
Coordination w/Team Members, Contractor and CM.	0	\$0	2	\$454	2	\$328	0	\$0	4	\$572	0	\$0	8	\$1,354	\$169.25
Prepare Record Documents	2	\$350	2	\$454	4	\$656	0	\$0	12	\$1,716	4	\$352	24	\$3,528	\$147.00
Sub-Total CA Services (Additive Alternate 3)	8	\$1,400	29	\$6,563	49	\$8,036	2	\$294	54	\$7,722	24	\$2,112	166	\$26,147	\$157.91
Update eALP															
Project Management	0	\$0	4	\$908	8	\$1,312	8	\$1,176	0	\$0	0	\$0	20	\$3,396	\$169.80
Coordinate ACAD/Interface and Record Documents	0	\$0	2	\$454	8	\$1,312	12	\$1,764	24	\$3,432	0	\$0	46	\$6,862	\$149.15
As-Built 3D Conversion	0	\$0	0	\$0	0	\$0	16	\$2,352	40	\$5,720	0	\$0	56	\$8,072	\$144.14
As-Built Attribution	0	\$0	0	\$0	0	\$0	16	\$2,352	40	\$5,720	0	\$0	56	\$8,072	\$144.14
Internal QA	6	\$1,050	6	\$1,362	0	\$0	6	\$882	0	\$0	0	\$0	18	\$3,234	\$180.00
Client QA	6	\$1,050	6	\$1,362	0	\$0	6	\$882	0	\$0	0	\$0	18	\$3,234	\$180.00
AGIS Submittal	0	\$0	2	\$454	0	\$0	4	\$588	8	\$1,144	0	\$0	14	\$2,186	\$156.14
Sub-Total eALP Update	12	\$2,100	20	\$4,540	16	\$2,624	68	\$9,996	112	\$16,016	0	\$0	228	\$35,276	\$154.72
TOTAL NTE FEE:	66	\$11,550	222	\$50,394	546	\$89,544	122	\$17,334	845	\$126,835	144	\$12,672	1,945	\$302,929	\$155.75

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT-TO-EXCEED REIMBURSABLE FEES
CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

Position:	PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER/DESIGNER		SENIOR CADD DESIGNER		CONTRACT ADMINISTRATOR		TOTAL		
Rate (\$/Hour):	\$185		\$138		\$108		\$100		\$91		labor hours	Cost	Avg. Hourly Rate
AVCON	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost			
Construction Administration Services (Base Bid)													
Attend Pre-Construction Conference	2	\$370	2	\$276	0	\$0	0	\$0	0	\$0	4	\$646	\$161.50
Review and Approve Shop Drawings and Other Submittals	16	\$2,960	34	\$4,692	32	\$3,456	0	\$0	32	\$2,912	114	\$14,020	\$122.98
Site Visits (20 Visits)	40	\$7,400	34	\$4,692	0	\$0	0	\$0	0	\$0	74	\$12,092	\$163.41
Construction Coordination/Special Meetings (15 Meetings)	22	\$4,070	34	\$4,692	20	\$2,160	0	\$0	0	\$0	76	\$10,922	\$143.71
Respond to Requests for Information, Job Memoranda, and other inquiries	16	\$2,960	32	\$4,416	32	\$3,456	0	\$0	32	\$2,912	112	\$13,744	\$122.71
Provide Consultation to the Authority throughout Construction	8	\$1,480	32	\$4,416	32	\$3,456	0	\$0	0	\$0	72	\$9,352	\$129.89
Review and provide input for Change Orders	8	\$1,480	32	\$4,416	32	\$3,456	0	\$0	0	\$0	72	\$9,352	\$129.89
Review Contractor's Applications for Payment	0	\$0	16	\$2,208	0	\$0	0	\$0	0	\$0	16	\$2,208	\$138.00
Attend and Document Substantial Completion Inspection	8	\$1,480	8	\$1,104	8	\$864	0	\$0	0	\$0	24	\$3,448	\$143.67
Record Documents	8	\$1,480	48	\$6,624	45	\$4,860	50	\$5,000	8	\$728	159	\$18,692	\$117.56
Sub-Total CA Services (Base Bid)	128	\$23,680	272	\$37,536	201	\$21,708	50	\$5,000	72	\$6,552	723	\$94,476	\$130.67
Construction Administration Services (Additive Alternate 1)													
Review and Approve Shop Drawings and Other Submittals	2	\$370	4	\$552	4	\$432	0	\$0	0	\$0	10	\$1,354	\$135.40
Site Visits (5 Visits)	10	\$1,850	15	\$2,070	0	\$0	0	\$0	8	\$728	33	\$4,648	\$140.85
Construction Coordination/Special Meetings (3 Meetings)	3	\$555	3	\$414	3	\$324	0	\$0	0	\$0	9	\$1,293	\$143.67
Respond to Requests for Information, Job Memoranda, and other inquiries	4	\$740	8	\$1,104	6	\$648	0	\$0	0	\$0	18	\$2,492	\$138.44
Provide Consultation to the Authority throughout Construction	2	\$370	8	\$1,104	8	\$864	0	\$0	8	\$728	26	\$3,066	\$117.92
Review and provide input for Change Orders	2	\$370	8	\$1,104	10	\$1,080	0	\$0	0	\$0	20	\$2,554	\$127.70
Review Contractor's Applications for Payment	0	\$0	8	\$1,104	0	\$0	0	\$0	0	\$0	8	\$1,104	\$138.00
Attend and Document Substantial Completion Inspection	2	\$370	4	\$552	4	\$432	0	\$0	0	\$0	10	\$1,354	\$135.40
Record Documents	2	\$370	10	\$1,380	10	\$1,080	10	\$1,000	2	\$182	34	\$4,012	\$118.00
Sub-Total CA Services (Additive Alternate 1)	27	\$4,995	68	\$9,384	45	\$4,860	10	\$1,000	18	\$1,638	168	\$21,877	\$130.22
Construction Administration Services (Additive Alternate 2)													
Review and Approve Shop Drawings and Other Submittals	2	\$370	4	\$552	4	\$432	0	\$0	0	\$0	10	\$1,354	\$135.40
Site Visits (3 Visits)	3	\$555	9	\$1,242	6	\$648	0	\$0	8	\$728	26	\$3,173	\$122.04
Construction Coordination/Special Meetings (2 Meetings)	2	\$370	2	\$276	2	\$216	0	\$0	0	\$0	6	\$862	\$143.67
Respond to Requests for Information, Job Memoranda, and other inquiries	4	\$740	8	\$1,104	8	\$864	0	\$0	0	\$0	20	\$2,708	\$135.40
Provide Consultation to the Authority throughout Construction	2	\$370	8	\$1,104	8	\$864	0	\$0	8	\$728	26	\$3,066	\$117.92
Review and provide input for Change Orders	2	\$370	8	\$1,104	8	\$864	0	\$0	0	\$0	18	\$2,338	\$129.89
Review Contractor's Applications for Payment	0	\$0	6	\$828	0	\$0	0	\$0	0	\$0	6	\$828	\$138.00
Attend and Document Substantial Completion Inspection	2	\$370	4	\$552	4	\$432	0	\$0	0	\$0	10	\$1,354	\$135.40
Record Documents	2	\$370	10	\$1,380	10	\$1,080	10	\$1,000	2	\$182	34	\$4,012	\$118.00
Sub-Total CA Services (Additive Alternate 2)	19	\$3,515	59	\$8,142	50	\$5,400	10	\$1,000	18	\$1,638	156	\$19,695	\$126.25
Construction Administration Services (Additive Alternate 3)													
Review and Approve Shop Drawings and Other Submittals	2	\$370	4	\$552	4	\$432	0	\$0	0	\$0	10	\$1,354	\$135.40
Site Visits (5 Visits)	10	\$1,850	15	\$2,070	0	\$0	0	\$0	8	\$728	33	\$4,648	\$140.85
Construction Coordination/Special Meetings (3 Meetings)	3	\$555	3	\$414	3	\$324	0	\$0	0	\$0	9	\$1,293	\$143.67
Respond to Requests for Information, Job Memoranda, and other inquiries	4	\$740	6	\$828	6	\$648	0	\$0	0	\$0	16	\$2,216	\$138.50
Provide Consultation to the Authority throughout Construction	2	\$370	6	\$828	6	\$648	0	\$0	8	\$728	22	\$2,574	\$117.00
Review and provide input for Change Orders	2	\$370	6	\$828	6	\$648	0	\$0	0	\$0	14	\$1,846	\$131.86
Review Contractor's Applications for Payment	0	\$0	6	\$828	0	\$0	0	\$0	0	\$0	6	\$828	\$138.00
Attend and Document Substantial Completion Inspection	2	\$370	4	\$552	4	\$432	0	\$0	0	\$0	10	\$1,354	\$135.40
Record Documents	2	\$370	10	\$1,380	6	\$648	10	\$1,000	2	\$182	30	\$3,580	\$119.33
Sub-Total CA Services (Additive Alternate 3)	27	\$4,995	60	\$8,280	35	\$3,780	10	\$1,000	18	\$1,638	150	\$19,693	\$131.29
TOTAL NTE FEE:	201	\$37,185	459	\$63,342	331	\$35,748	80	\$8,000	126	\$11,466	1197	\$155,741	\$130.11

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT-TO-EXCEED REIMBURSABLE FEES
CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

Position:	PROJECT MANAGER		SENIOR ENGINEER		ADMINISTRATIVE		TOTAL		
Rate (\$/Hour):	\$173		\$159		\$74				
Pegasus	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Avg. Hourly Rate
Construction Administration Services (Base Bid)									
Attend Pre-Construction Conference	2	\$346	6	\$954	0	\$0	8	\$1,300	\$162.50
Review and Approve Shop Drawings, CCTV Inspections, and Other Submittals	16	\$2,768	30	\$4,770	4	\$296	50	\$7,834	\$156.68
Site Visits (5)	20	\$3,460	15	\$2,385	0	\$0	35	\$5,845	\$167.00
Construction Coordination Meetings (3 Meetings)	9	\$1,557	9	\$1,431	0	\$0	18	\$2,988	\$166.00
Respond to Requests for Information, Job Memoranda, and other inquiries	32	\$5,536	16	\$2,544	8	\$592	56	\$8,672	\$154.86
Provide Consultation to the Authority throughout Construction	8	\$1,384	16	\$2,544	0	\$0	24	\$3,928	\$163.67
Review and provide input for Change Orders	6	\$1,038	16	\$2,544	0	\$0	22	\$3,582	\$162.82
SFWMD Construction Completion Certificate	4	\$692	16	\$2,544	4	\$296	24	\$3,532	\$147.17
Attend and Document Substantial Completion Inspection	6	\$1,038	12	\$1,908	0	\$0	18	\$2,946	\$163.67
Record Documents	4	\$692	48	\$7,632	8	\$592	60	\$8,916	\$148.60
Sub-Total CA Services (Base Bid)	107	\$18,511	184	\$29,256	24	\$1,776	315	\$49,543	\$157.28
Construction Administration Services (Additive Alternate 1)									
Review and Approve Shop Drawings, CCTV Inspections, and Other Submittals	4	\$692	8	\$1,272	2	\$148	14	\$2,112	\$150.86
Site Visits (1)	0	\$0	4	\$636	0	\$0	4	\$636	\$159.00
Construction Coordination Meetings (2 Meetings)	2	\$346	2	\$318	0	\$0	4	\$664	\$166.00
Respond to Requests for Information, Job Memoranda, and other inquiries	6	\$1,038	6	\$954	2	\$148	14	\$2,140	\$152.86
Provide Consultation to the Authority throughout Construction	2	\$346	4	\$636	0	\$0	6	\$982	\$163.67
Review and provide input for Change Orders	2	\$346	4	\$636	0	\$0	6	\$982	\$163.67
Attend and Document Substantial Completion Inspection	2	\$346	4	\$636	0	\$0	6	\$982	\$163.67
Record Documents	1	\$173	10	\$1,590	2	\$148	13	\$1,911	\$147.00
Sub-Total CA Services (Additive Alternate 1)	19	\$3,287	42	\$6,678	6	\$444	67	\$10,409	\$155.36
Construction Administration Services (Additive Alternate 2)									
Review and Approve Shop Drawings, CCTV Inspections, and Other Submittals	4	\$692	8	\$1,272	2	\$148	14	\$2,112	\$150.86
Site Visits (1)	0	\$0	4	\$636	0	\$0	4	\$636	\$159.00
Construction Coordination Meetings (2 Meetings)	2	\$346	2	\$318	0	\$0	4	\$664	\$166.00
Respond to Requests for Information, Job Memoranda, and other inquiries	4	\$692	4	\$636	2	\$148	10	\$1,476	\$147.60
Provide Consultation to the Authority throughout Construction	2	\$346	4	\$636	0	\$0	6	\$982	\$163.67
Review and provide input for Change Orders	1	\$173	4	\$636	0	\$0	5	\$809	\$161.80
Attend and Document Substantial Completion Inspection	2	\$346	4	\$636	0	\$0	6	\$982	\$163.67
Record Documents	1	\$173	10	\$1,590	2	\$148	13	\$1,911	\$147.00
Sub-Total CA Services (Additive Alternate 2)	16	\$2,768	40	\$6,360	6	\$444	62	\$9,572	\$154.39
Construction Administration Services (Additive Alternate 3)									
Review and Approve Shop Drawings, CCTV Inspections, and Other Submittals	8	\$1,384	12	\$1,908	2	\$148	22	\$3,440	\$156.36
Site Visits (3)	8	\$1,384	8	\$1,272	0	\$0	16	\$2,656	\$166.00
Construction Coordination Meetings (3 Meetings)	3	\$519	3	\$477	0	\$0	6	\$996	\$166.00
Respond to Requests for Information, Job Memoranda, and other inquiries	4	\$692	4	\$636	2	\$148	10	\$1,476	\$147.60
Provide Consultation to the Authority throughout Construction	4	\$692	4	\$636	0	\$0	8	\$1,328	\$166.00
Review and provide input for Change Orders	4	\$692	4	\$636	0	\$0	8	\$1,328	\$166.00
Attend and Document Substantial Completion Inspection	2	\$346	4	\$636	0	\$0	6	\$982	\$163.67
Record Documents	1	\$173	10	\$1,590	2	\$148	13	\$1,911	\$147.00
Sub-Total CA Services (Additive Alternate 3)	34	\$5,882	49	\$7,791	6	\$444	89	\$14,117	\$158.62
TOTAL NTE FEE:	176	\$30,448	315	\$50,085	42	\$3,108	533	\$83,641	\$156.92

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT-TO-EXCEED REIMBURSABLE FEES
CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

Position:	SENIOR PROJECT MANAGER		SENIOR ENGINEER		INSPECTOR II		CIVIL DESIGNER		TOTAL		
Rate (\$/Hour):	\$150		\$151		\$117		\$112		labor hours	Cost	Avg. Hourly Rate
CERM	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost			
Construction Administration Services (Base Bid)											
Attend Pre-Construction Conference	2	\$300	2	\$302	0	\$0	0	\$0	4	\$602	\$150.50
Review and Approve Shop Drawings and Other Submittals	6	\$900	12	\$1,812	0	\$0	0	\$0	18	\$2,712	\$150.67
Site Visits (10)	20	\$3,000	30	\$4,530	30	\$3,510	0	\$0	80	\$11,040	\$138.00
Construction Coordination Meetings (15 Meetings)	5	\$750	10	\$1,510	15	\$1,755	0	\$0	30	\$4,015	\$133.83
Provide Consultation to the Authority throughout Construction	8	\$1,200	12	\$1,812	0	\$0	0	\$0	20	\$3,012	\$150.60
Attend and Document Substantial Completion Inspection	4	\$600	4	\$604	0	\$0	0	\$0	8	\$1,204	\$150.50
Record Documents	4	\$600	12	\$1,812	0	\$0	40	\$4,480	56	\$6,892	\$123.07
Sub-Total CA Services (Base Bid)	49	\$7,350	82	\$12,382	45	\$5,265	40	\$4,480	216	\$29,477	\$136.47
Construction Administration Services (Additive Alternate 1)											
Review and Approve Shop Drawings and Other Submittals	2	\$300	4	\$604	0	\$0	0	\$0	6	\$904	\$150.67
Site Visits (5)	10	\$1,500	16	\$2,416	16	\$1,872	0	\$0	42	\$5,788	\$137.81
Construction Coordination Meetings (3 Meetings)	3	\$450	3	\$453	6	\$702	0	\$0	12	\$1,605	\$133.75
Provide Consultation to the Authority throughout Construction	2	\$300	2	\$302	0	\$0	0	\$0	4	\$602	\$150.50
Attend and Document Substantial Completion Inspection	2	\$300	2	\$302	0	\$0	0	\$0	4	\$602	\$150.50
Record Documents	2	\$300	4	\$604	0	\$0	8	\$896	14	\$1,800	\$128.57
Sub-Total CA Services (Additive Alternate 1)	21	\$3,150	31	\$4,681	22	\$2,574	8	\$896	82	\$11,301	\$137.82
Construction Administration Services (Additive Alternate 2)											
Review and Approve Shop Drawings and Other Submittals	2	\$300	4	\$604	0	\$0	0	\$0	6	\$904	\$150.67
Site Visits (3)	6	\$900	12	\$1,812	12	\$1,404	0	\$0	30	\$4,116	\$137.20
Construction Coordination Meetings (2 Meetings)	2	\$300	2	\$302	4	\$468	0	\$0	8	\$1,070	\$133.75
Provide Consultation to the Authority throughout Construction	2	\$300	2	\$302	0	\$0	0	\$0	4	\$602	\$150.50
Attend and Document Substantial Completion Inspection	2	\$300	2	\$302	0	\$0	0	\$0	4	\$602	\$150.50
Record Documents	2	\$300	4	\$604	0	\$0	8	\$896	14	\$1,800	\$128.57
Sub-Total CA Services (Additive Alternate 2)	16	\$2,400	26	\$3,926	16	\$1,872	8	\$896	66	\$9,094	\$137.79
Construction Administration Services (Additive Alternate 3)											
Review and Approve Shop Drawings and Other Submittals	2	\$300	4	\$604		\$0	0	\$0	6	\$904	\$150.67
Site Visits (5)	10	\$1,500	20	\$3,020	20	\$2,340	0	\$0	50	\$6,880	\$137.20
Construction Coordination Meetings (3 Meetings)	3	\$450	3	\$453	6	\$702	0	\$0	12	\$1,605	\$133.75
Provide Consultation to the Authority throughout Construction	2	\$300	2	\$302		\$0	0	\$0	4	\$602	\$150.50
Attend and Document Substantial Completion Inspection	2	\$300	2	\$302		\$0	0	\$0	4	\$602	\$150.50
Record Documents	2	\$300	4	\$604		\$0	8	\$896	14	\$1,800	\$128.57
Sub-Total CA Services (Additive Alternate 3)	21	\$3,150	35	\$5,285	26	\$3,042	8	\$896	90	\$12,373	\$137.48
TOTAL NTE FEE:	107	\$16,050	174	\$26,274	109	\$12,753	64	\$7,168	454	\$62,245	\$137.10

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

TABLE C-5

BREAKDOWN OF NOT-TO-EXCEED REIMBURSABLE FEES CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

Position:	PROJECT MANAGER		SR. CADD DRAFTSMAN		3 PERSON SURVEY CREW		TOTAL		
Rate (\$/Hour):	\$171		\$90		\$185				Avg. Hourly
ECHO UES, INC.	labor hours	Cost	labor hours	Cost	labor hours	Cost	labor hours	Cost	Rate
Construction Administration Services (Base Bid)									
Recover Existing Horizontal and Vertical Control	4	\$684	8	\$720	8	\$1,480	20	\$2,884	\$144.20
Topographic Survey Validation Support	12	\$2,052	16	\$1,440	40	\$7,400	68	\$10,892	\$160.18
Sub-Total CA Services (Base Bid)	16	\$2,736	24	\$2,160	48	\$8,880	88	\$13,776	\$156.55
Construction Administration Services (Additive Alternate 1)									
Recover Existing Horizontal and Vertical Control	2	\$342	2	\$180	4	\$740	8	\$1,262	\$157.75
Topographic Survey Validation Support	2	\$342	4	\$360	12	\$2,220	18	\$2,922	\$162.33
Sub-Total CA Services (Additive Alternate 1)	4	\$684	6	\$540	16	\$2,960	26	\$4,184	\$160.92
Construction Administration Services (Additive Alternate 2)									
Recover Existing Horizontal and Vertical Control	2	\$342	2	\$180	4	\$740	8	\$1,262	\$157.75
Topographic Survey Validation Support	2	\$342	4	\$360	12	\$2,220	18	\$2,922	\$162.33
Sub-Total CA Services (Additive Alternate 2)	4	\$684	6	\$540	16	\$2,960	26	\$4,184	\$160.92
Construction Administration Services (Additive Alternate 3)									
Recover Existing Horizontal and Vertical Control	2	\$342	2	\$180	4	\$740	8	\$1,262	\$157.75
Topographic Survey Validation Support	2	\$342	4	\$360	12	\$2,220	18	\$2,922	\$162.33
Sub-Total CA Services (Additive Alternate 3)	4	\$684	6	\$540	16	\$2,960	26	\$4,184	\$160.92
TOTAL NTE FEE:	28	\$4,788	42	\$3,780	96	\$17,760	166	\$26,328	\$158.60

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-6
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE EXPENSES

CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

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.

Construction

AECOM (Base Bid)

Outside Reproduction	
Full Size (4 Sets)	\$ 1,000.00
Half Size (8 Sets)	\$ 1,000.00
Specifications (4 Sets)	\$ 100.00
Express Mailings, fax, couriers, mail	\$ -
Supplies and Miscellaneous Support Materials	\$ -
Total (Base Bid)	\$ 2,100.00

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL**TABLE C-7a, C-7b and C-7c****PARTICIPATION SCHEDULES****CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497****TABLE C-7a DBE PARTICIPATION SCHEDULE (BASE BID)**

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
CERM	4767 New Broad Street, Orlando, FL 32814	Airfield Pavement Markings	\$29,477.00	7.31%
Echo	400 SR 434, Suite 1016, Oveido, FL 32765	Survey Validation	\$13,776.00	3.42%
TOTAL PROPOSED PARTICIPATION			\$43,253.00	10.73%

TABLE C-7b MWBE PARTICIPATION SCHEDULE (BASE BID)

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
AVCON	5555 E. Michigan Street, Suite 200 Orlando, Florida 32822	Electrical/Lighting/Signage	\$94,476.00	23.43%
Pegasus	301 West State Road 434, Suite 309, Winter Springs FL, FL32708	Drainage/Permitting	\$49,543.00	12.29%
TOTAL PROPOSED PARTICIPATION			\$144,019.00	35.72%

TABLE C-7c LDB PARTICIPATION SCHEDULE (BASE BID)

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

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

TABLE C-7a, C-7b and C-7c

PARTICIPATION SCHEDULES

CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

TABLE C-7a DBE PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 1)

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
CERM	4767 New Broad Street, Orlando, FL 32814	Airfield Pavement Markings	\$11,301.00	13.24%
Echo	400 SR 434, Suite 1016, Oveido, FL 32765	Survey Validation	\$4,184.00	4.90%
TOTAL PROPOSED PARTICIPATION			\$15,485.00	18.14%

TABLE C-7b MWBE PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 1)

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
AVCON	5555 E. Michigan Street, Suite 200 Orlando, Florida 32822	Electrical/Lighting/Signage	\$21,877.00	25.62%
Pegasus	301 West State Road 434, Suite 309, Winter Springs FL, FL32708	Drainage/Permitting	\$10,409.00	12.19%
TOTAL PROPOSED PARTICIPATION			\$32,286.00	37.82%

TABLE C-7c LDB PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 1)

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

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL

TABLE C-7a, C-7b and C-7c

PARTICIPATION SCHEDULES

CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

TABLE C-7a DBE PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 2)

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
CERM	4767 New Broad Street, Orlando, FL 32814	Airfield Pavement Markings	\$9,094.00	13.39%
Echo	400 SR 434, Suite 1016, Oveido, FL 32765	Survey Validation	\$4,184.00	6.16%
TOTAL PROPOSED PARTICIPATION			\$13,278.00	19.55%

TABLE C-7b MWBE PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 2)

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
AVCON	5555 E. Michigan Street, Suite 200 Orlando, Florida 32822	Sub-Continent Asian	Electrical/Lighting/Signage	\$19,695.00	29.00%
Pegasus	301 West State Road 434, Suite 309, Winter Springs FL, FL32708		Drainage/Permitting	\$9,572.00	14.09%
TOTAL PROPOSED PARTICIPATION				\$29,267.00	43.09%

TABLE C-7c LDB PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 2)

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

EXHIBIT A - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-7a, C-7b and C-7c
PARTICIPATION SCHEDULES
CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497

TABLE C-7a DBE PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 3)

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
CERM	4767 New Broad Street, Orlando, FL 32814	Airfield Pavement Markings	\$12,373.00	16.17%
Echo	400 SR 434, Suite 1016, Oveido, FL 32765	Survey Validation	\$4,184.00	5.47%
TOTAL PROPOSED PARTICIPATION			\$16,557.00	21.64%

TABLE C-7b MWBE PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 3)

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
AVCON	5555 E. Michigan Street, Suite 200 Orlando, Florida 32822	Sub-Continent Asian	Electrical/Lighting/Signage	\$19,693.00	25.74%
Pegasus	301 West State Road 434, Suite 309, Winter Springs FL, FL32708		Drainage/Permitting	\$14,117.00	18.45%
TOTAL PROPOSED PARTICIPATION				\$33,810.00	44.19%

TABLE C-7c LDB PARTICIPATION SCHEDULE (ADDITIVE ALTERNATE 3)

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

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

CONSTRUCTION ADMINISTRATION SERVICES FOR BP-497
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	\$175.00
AECOM	Senior Project Manager	\$227.00
AECOM	Senior Designer/Construction Manager	\$164.00
AECOM	Senior Planner	\$147.00
AECOM	Project Engineer	\$143.00
AECOM	Project Manager Assistant	\$88.00

FIRM	POSITION	CONTRACT HOURLY RATE
AVCON	Project Manager	\$185.00
AVCON	Senior Engineer	\$138.00
AVCON	Project Engineer/Designer	\$108.00
AVCON	Senior CADD Designer	\$100.00
AVCON	Contract Administrator	\$91.00

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

FIRM	POSITION	CONTRACT HOURLY RATE
CERM	Senior Project Manager	\$150.00
CERM	Senior Engineer	\$151.00
CERM	Inspector II	\$117.00
CERM	Civil Designer	\$112.00

FIRM	POSITION	CONTRACT HOURLY RATE
Echo	Project Manager	\$171.00
Echo	Sr. CADD Draftsman	\$90.00
Echo	3 Person Survey Crew	\$185.00

BP-497, Taxiways G & H Rehabilitation and Related Work (Phase 1)

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: 08-18-2023



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: September 26, 2023

Re: Request for Rescission of Prior Approval and Recommendation of Approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 with AECOM Technical Services, Inc. for Construction Administration Services for BP-497 MCO Taxiways G&H Rehabilitation – Phase 1, including the Base Bid and Add Alternates 1, 2 & 3 at the 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 Rescission of Prior Approval and Recommendation of Approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 with AECOM Technical Services, Inc. for Construction Administration Services for BP-497 MCO Taxiways G&H Rehabilitation – Phase 1, including the Base Bid and Add Alternates 1, 2 & 3 at the 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	<u>-</u>	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: 632,984.00

5. DBE Goal by Group Representation:

Asian Pacific American	<u>-</u>	Actual Result	_____
Asian Subcontinent American	<u>-</u>	Actual Result	_____
Black American	<u>62,245.00</u>	Actual Result	<u>9.8%</u>
Caucasian Female American	<u>-</u>	Actual Result	_____
Hispanic American	<u>26,328.00</u>	Actual Result	<u>4.2%</u>
Native American	<u>-</u>	Actual Result	_____
Other	_____	Actual Result	_____
Total DBE Participation	<u>88,573.00</u>	Actual Result	<u>14.0%</u>

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

6.b. Name and Address of DBE Subconsultant

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

6.c. *Identity: _____
Work Item(s): _____
Amount of Subcontract: _____
Percent of Prime Contract: _____

* 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 Rescission of Prior Approval and Recommendation of Approval of an Addendum to the Design Services for Taxiways G & H Rehabilitation Phase 1 & 2 with AECOM Technical Services, Inc. for Construction Administration Services for BP-497 MCO Taxiways G&H Rehabilitation – Phase 1, including the Base Bid and Add Alternates 1, 2 & 3 at the Orlando International Airport	
Prime Firm:	AECOM Technical Services, Inc.	
Addendum Amount:	\$632,984.00	
Company Name	ECHO UES, Inc.	Corporate Environmental Risk Management, LLC
Address	4803 George Road Suite 350	1990 Lakeside Drive, Suite 300
City, State, Zip	Tampa, FL 33634-1325	Tucker, GA 30084
Phone	888-778-3246 Ext. 700	(678) 999-0173
Identity	Hispanic American	Black American
Work Item	Survey Validation	Airfield Pavement Markings
Amount of Subcontract	26,328.00	62,245.00
Percentage	4.2%	9.8%
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		
	\$88,573.00	14.0%
	632,984.00	



GREATER ORLANDO AVIATION AUTHORITY

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

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Max E. Marble, Chair, Construction Committee

DATE: October 18, 2023

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the Design Consultant Services for Taxiways G and H Rehabilitation – Phases 1 and 2, Agreement with AECOM Technical Services, Inc. for Construction Administration Services for Project Bid Package (BP) No. 00497, MCO Taxiways G and H Rehabilitation – Phase 1, 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 Design Services Agreement for Taxiways G and H Rehabilitation, Phases 1 and 2, at the Orlando International Airport, to AECOM Technical Services, Inc., following a competitive award process in compliance with state statutes and Aviation Authority policies.

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

BP No. 00497 will consist of the rehabilitation of a portion of Taxiways G and H and the connectors north of Taxiway E, at MCO. Construction work will include resealing the joints and replacing isolated cracked slabs for the concrete pavement, rehabilitating the asphalt shoulders, and improvements for pavement geometry, taxiway markings, lighting and signage.

The construction work for BP No. 00497 was bid as follows:

- Base Bid: Rehabilitation of Taxiways G and H and connection to Airside 2 north of Taxiway H3.
- Add Alternate 1: Rehabilitation of Taxiways G and H between Taxiways H3 and H4.
- Add Alternate 2: Rehabilitation of Taxiways G and H between Taxiways H4 and H5.
- Add Alternate 3: Rehabilitation of Taxiways G between Taxiways E and G1 and between Taxiway G and Airside 4.

The construction is scheduled to start in November 2023 and complete in August 2024.

ISSUES

A fee has been negotiated with AECOM Technical Services, Inc. for a total amount of \$632,984, to provide Construction Administration Services for BP No. 00497. The scope of services will include, but is not limited to, review and approval of shop drawings, attendance at pre-construction and job coordination meetings, responses to Requests for Information (RFI), preparation of job memorandums, review of change orders and pay applications, jobsite visits, review of as-built drawings, preparation of record drawings, and update of Electronic Airport Layout Plan (eALP).

On September 26, 2023, the Construction Committee recommended approval of an Addendum to the Design Consultant Services for Taxiways G and H Rehabilitation – Phases 1 and 2, Agreement with AECOM Technical Services, Inc. for Construction Administration Services for BP No. 00497, MCO Taxiways G and H Rehabilitation – Phase 1, at the Orlando International Airport, as outlined in the memorandum.

On June 26, 2023, the Orlando City Council authorized the acceptance of the grant offered by the FAA in the amount of \$25,948,739 for BP No. 00497 on behalf of the Aviation Authority and included approval of all associated contracts. The FAA grant was fully executed on September 12, 2023.

SMALL BUSINESS

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

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$632,984. Funding is from FAA and Florida Department of Transportation (FDOT) Grants to the extent eligible, Capital Expenditure Funds, and Line of Credit to the reimbursed by future General Airport Revenue Bonds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve an Addendum to the Design Consultant Services for Taxiways G and H Rehabilitation – Phases 1 and 2, Agreement with AECOM Technical Services, Inc. for Construction Administration Services for BP No. 00497, MCO Taxiways G and H Rehabilitation – Phase 1, at the Orlando International Airport, for the total amount of \$632,984, which includes the not-to-exceed fee amount of \$630,884 and the not-to-exceed reimbursable expenses amount of \$2,100, with funding from FAA and FDOT Grants to the extent eligible, Capital Expenditure Funds, and Line of Credit to the reimbursed by future General Airport Revenue Bonds; and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.