

**ADDENDUM NO. 59
TO THE AGREEMENT DATED AUGUST 3, 2018
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND TERRACON CONSULTANTS, INC.**

Project: FY24 Oil/Water Separators Quarterly Maintenance and Compliance Pump Outs, Orlando International Airport

THIS ADDENDUM is effective this 1st day of October, 2023, by and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Authority"), and **TERRACON CONSULTANTS, INC.** ("Consultant").

WITNESSETH:

WHEREAS, by Agreement dated August 3, 2018, Authority and Consultant entered into an agreement for Consultant to provide continuing environmental engineering consulting services; and

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

WHEREAS, the Authority and the Consultant desire to enter into this 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 **SEVENTY-EIGHT THOUSAND SIX HUNDRED FIFTY-FOUR AND NO/100 DOLLARS (\$78,654.00)**, broken down as follows:

Professional Fees:	NTE:	\$29,584.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$49,070.00</u>
Total:		\$78,654.00

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 August 3, 2018 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 October 4, 2023.

GREATER ORLANDO AVIATION AUTHORITY

By:

Kevin J. Thibault

boxSIGN

1V3Q39J4-4QY23RXQ

Kevin J. Thibault, P.E.
Chief Executive Officer

**Approved as to Form and Legality
(for the benefit of GOAA only)
this day of Oct 2, 2023**

Karen Ryan

By:

boxSIGN

1J8RLK51-4QY23RXQ

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

TERRACON CONSULTANTS, INC.

By:

Mark Mulligan

boxSIGN

42K2ZVXW-4QY23RXQ

Signature (Duly Authorized Rep.)

Mark Mulligan

Printed Name

Principal

Title



GREATER ORLANDO AVIATION AUTHORITY

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

MEMORANDUM

TO: Members of the Procurement Committee

FROM: Brad Friel, Sr. Vice President, Multi-Modal, Planning and Environmental

DATE: August 29, 2023

ITEM DESCRIPTION

Request for Recommendation to Aviation Authority Board of Approval of an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. to perform FY24 Oil/Water Quarterly Maintenance and Compliance pump outs at Orlando International Airport.

BACKGROUND

In 2018, the firms providing Continuing Environmental Engineering Consulting Services were selected through a competitive award process. These services are procured on an as-needed or annual basis.

On May 16, 2018, the Aviation Authority Board approved a Continuing Environmental Engineering Consulting Services Agreement with the following firms:

- AECOM Technical Services, Inc.
- MSE Group, LLC (*MWBE*)
- Professional Services Industries, Inc.
- Terracon Consultants, Inc.

These no-cost base agreements established the negotiated hourly rates. The services may include, but not limited to, environmental consulting services; conducting all phases of environmental contamination assessments for petroleum and hazardous materials; preparing reports and providing pertinent training as required by federal, State of Florida, and local agencies; storage tank management; coordination with regulatory agencies and remedial contractors; emergency response to fuel, petroleum and hazardous materials incidents, including immediate response to limit releases to the environment, performance of initial remedial actions and other related services including coordination with the Aviation Authority, its Consultants, the City and all agencies having jurisdiction over the Orlando International Airport, Orlando Executive Airport, and Other Facilities operated by the Aviation Authority.

The Services may also include, but are not limited to, studies and preparation of reports involving scope definition and validation of projects, analysis of environmental design parameters, budget development, evaluation and documentation of existing conditions; environmental design, bid/procurement and award, permitting, environmental construction administration, technical support and review of documents prepared by others, environmental management support on various Aviation Authority projects and all other environmental engineering and related professional services which may be required where the Aviation Authority elects not to solicit letters of interest by means of public advertisement.

ISSUES

Consultant's proposal, dated August 10, 2023, is to perform FY24 Oil/Water Quarterly Maintenance and Compliance pump outs at Orlando International Airport.

If approved, these services would be effective October 1, 2023.

SMALL BUSINESS

The MWBE/LDB/VBE participation has been reviewed by the Office of Small Business Development (OSBD). The findings and recommendation are attached.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$78,654.00. Funding is from Operations & Maintenance, subject to adoption by Aviation Authority Board of FY2024 Aviation Authority budget.

RECOMMENDED ACTION

It is respectfully requested that the Procurement Committee recommend to the Aviation Authority Board approval of an Addendum to the Continuing Environmental Engineering Consulting Services with Terracon Consultants, Inc. for the services contained herein and the amount as shown below:

Not-to-Exceed Fees	\$29,584.00
Lump Sum Fees	\$0.00
Not-to-Exceed Expenses	\$49,070.00
TOTAL	\$78,654.00
AAC – Compliance Review Date	<i>SJ</i> 08/23/23
AAC – Funding Eligibility Review Date	08/23/23

ATTACHMENTS

Attachment A: Finance Form
Attachment B: OSBD Memo



1675 Lee Road
Winter Park, FL 32789
P (407) 740-6110
F (407) 740-6112
Terracon.com

August 10, 2023

Greater Orlando Aviation Authority
5855 Cargo Road
Orlando, Florida 32827

Attention: Mr. Dan Carrington
Telephone: 407-825-3463
E-mail: DCarrington@goaa.org

Re: Proposal for 2023-2024 Oil/Water Separator Quarterly Maintenance and Compliance
Orlando International Airport
Orlando, Orange County, Florida
Terracon Proposal No. PH1237855

Dear Mr. Carrington:

Terracon appreciates the opportunity to provide this proposal to conduct the oil/water separator (OWS) maintenance services at the Orlando International Airport (OIA). Quarterly maintenance of OWS pretreatment devices are required to uphold compliance with the City of Orlando's Fats, Oils and Grease (FOG) Management Program for wastewater discharge. The below described scope of work will include four (4) quarterly maintenance events covering the period through September 30, 2024. The maintenance services at the below noted sites will be performed by Petrotech Southeast, Inc. (Petrotech), of Astatula, Florida. The laboratory analytical testing services will be provided by Southern Research Laboratories, Inc. (SRL) of Orlando, Florida.

A. SCOPE OF SERVICES

Terracon will perform the quarterly maintenance and compliance reporting activities that will generally consist of the following:

- Motor Pool Facility Wash Rack area: one (1) tank with an approximate 1,200 gallons capacity.
- East Air Rescue Firefighting Facility (ARFF): one (1) tank with an approximate capacity of 1,500 gallons.
- West ARFF: one (1) tank with an approximate capacity of 1,500 gallons.
- Former AMI Leasing facility at Express Street: one (1) tank with an approximate capacity of 1,800 gallons.
- South Terminal Area: four (4) tanks with an approximate capacity of 1,000 gallons each.

Maintenance Services and Compliance Reporting

Maintenance activities include vacuum extraction of oil/water and sludge from the tanks, followed by pressure washing the interior of the tank and cleanout of appurtenances like trench drains and connection piping where accessible. Dependent on the condition of the tank and best management practices the volume of oily water and sludge may vary between maintenance periods. The actual volume removed from each OWS unit will be invoiced with the unit rates shown in **Attachment A** and in accordance with Petrotech's attached fee schedule. Each quarterly OWS maintenance event is anticipated to be completed in two (2) days, with one (1) day scheduled at the North Terminal and one (1) day scheduled at the South Terminal area. GOAA will be provided with a copy of the completed manifests from the waste disposal facility and the City of Orlando FOG Disposal Manifests records.

Waste Characterization

Sludge samples will be collected periodically and as needed for laboratory analyses to conduct waste characterization and maintaining the generator profile with the disposal facility. Laboratory analysis will be conducted by MWBE-certified Southern Research Laboratories, Inc. (SRL), in general accordance with their National Environmental Laboratory Accreditation Program approved Quality Assurance Plan, certified by the Florida Department of Health. The analytical suite will be determined based on the site-specific operations at each OWS area. For the purpose of this proposal, it is assumed that up to two (2) sludge samples will be collected for analysis of Toxicity Characteristic Leaching Procedure (TCLP) of metals (by US Environmental Protection Agency (EPA) Method 6010), volatiles (by EPA Method 8260) and semi-volatiles (by EPA Method 8270). Any additional compounds analyzed for will be invoiced in accordance with the attached SRL fee schedule.

B. COMPENSATION

Terracon is prepared to implement the above generally outlined scope of services immediately upon your authorization and notice to proceed. Our total estimated cost to complete the project is a Not To Exceed amount of **\$78,654.00**, consisting of \$29,584.00 in Professional Service Fees and \$49,070.00 in Reimbursable Expenses as noted in **Attachment A**. The MWBE participation schedule and copy of the subcontractor estimates are provided in **Attachments B and C**, respectively. The Truth in Negotiation Certification is provided in **Attachment D**.

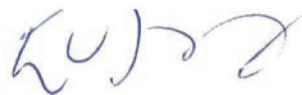
C. AUTHORIZATION

If this proposal meets with your approval, work may be initiated by sending an Addendum to the Continuing Environmental Engineering Services Contract dated August 3, 2018.

We appreciate the opportunity to provide this proposal and look forward to working with you on this project. If you have any questions or comments regarding this proposal or require additional services, please contact our office at 407-740-6110.

Sincerely,

Terracon Consultants, Inc.



Lydia Wing
Senior Geologist



Mark Mulligan, PG
Office Manager III

Attachment A – Estimated Costs
Attachment B – DBE Participation Schedule
Attachment C – Subcontractor Fee Schedule
Attachment D – Truth in Negotiation Certification

ATTACHMENT A
ESTIMATED COSTS

ATTACHMENT A - ESTIMATED COSTS
2023-2024 QUARTERLY OIL/WATER SEPARATOR MAINTENANCE
ORLANDO INTERNATIONAL AIRPORT
ORLANDO, ORANGE COUNTY, FLORIDA
TERRACON PROPOSAL NO. PH1237855
August 10, 2023

DESCRIPTION	QTY.	RATE	UNIT	AMOUNT	PSF	RE
QUARTERLY MAINTENANCE EVENTS						
I. OIL/WATER SEPARATORS (Petrotech S.E., Inc.)						
a. Mobilization/Demobilization-Petrotech SE	2	\$ 1,650.00	Per Event	\$ 3,300.00		\$ 3,300.00
b. Motor Pool Wash Rack- Oily Water	900	\$ 0.49	Per Gallon	441.00		\$ 441.00
c. Motor Pool Wash Rack- Oily Sludge	400	\$ 1.25	Per Gallon	500.00		\$ 500.00
d. Eastside Fire Station- Oily Water	1200	\$ 0.49	Per Gallon	588.00		\$ 588.00
e. Eastside Fire Station- Oily Sludge	400	\$ 1.25	Per Gallon	500.00		\$ 500.00
f. Westside Fire Station- Oily Water	1200	\$ 0.49	Per Gallon	588.00		\$ 588.00
g. Westside Fire Station- Oily Sludge	400	\$ 1.25	Per Gallon	500.00		\$ 500.00
h. Former AMI Leasing Wash Rack- Oily Water	1700	\$ 0.49	Per Gallon	833.00		\$ 833.00
i. Former AMI Leasing Wash Rack- Oily Sludge	400	\$ 1.25	Per Gallon	500.00		\$ 500.00
j. South Terminal - Oily Water	4000	\$ 0.49	Per Gallon	1,960.00		\$ 1,960.00
k. South Terminal - Oily Sludge	1600	\$ 1.25	Per Gallon	2,000.00		\$ 2,000.00
Subtotal Oil-Water Separator Maintenance				\$ 11,710.00		
II. PROFESSIONAL SERVICES						
a. Mobilization - Terracon	2	\$ 100.00	Per Event	\$ 200.00		\$ 200.00
b. Senior Engineer	12	\$ 143.00	Per Hour	\$ 1,716.00	\$ 1,716.00	
c. Senior Project Manager	24	\$ 169.00	Per Hour	4,056.00	\$ 4,056.00	
d. Senior Environmental Technician	20	\$ 75.00	Per Hour	1,500.00	\$ 1,500.00	
e. Clerical	2	\$ 62.00	Per Hour	124.00	\$ 124.00	
Subtotal Professional Services				\$ 7,596.00		
Subtotal Per Quarterly Event				\$ 19,306.00		
Four Quarterly Maintenance and Reporting Events:				4 \$ 19,306.00 Each	\$ 77,224.00	\$ 29,584.00 \$ 47,640.00
WASTE CHARACTERIZATION						
III. LABORATORY SERVICES (Southern Research Labs)						
Oil/Water Separator Sludge						
a. TCLP Volatiles (EPA 8260)	2	\$ 105.00	Each	\$ 210.00		\$ 210.00
b. TCLP Semi-Volatiles (EPA 8270)	2	\$ 295.00	Each	\$ 590.00		\$ 590.00
c. TCLP Metals (EPA 6010)	2	\$ 135.00	Each	\$ 270.00		\$ 270.00
d. TCLP Extraction (EPA 1311) [1 for each sample referenced above]]	6	\$ 60.00	Each	\$ 360.00		\$ 360.00
Subtotal Laboratory Services				\$ 1,430.00	\$ -	\$ 1,430.00
TOTAL ESTIMATED PROJECT COSTS				\$ 78,654.00	\$ 29,584.00	\$ 49,070.00

TOTAL REIMBURSABLE EXPENSES \$ 49,070.00
TOTAL PROFESSIONAL SERVICE FEES \$ 29,584.00
TOTAL ESTIMATED PROJECT COSTS \$ 78,654.00

ATTACHMENT B
DBE PARTICIPATION SCHEDULE

ATTACHMENT B- DBE PARTICIPATION SCHEDULE
2023-2024 QUARTERLY OIL/WATER SEPARATOR MAINTENANCE
ORLANDO INTERNATIONAL AIRPORT
ORLANDO, ORANGE COUNTY, FLORIDA
TERRACON PROPOSAL NO. PH1237855
August 10, 2023

Name of Subconsultant	Address	Proposed Scope of Services	FEE	Proposed Participation
Southern Research Laboratories, Inc.	2251 Lynx Lane, Suite 1 Orlando, FL 32804		\$ 1,430.00	1.9%
				1.82%
Total Proposed Participation			\$ 1,430.00	1.9%

ATTACHMENT C
SUBCONTRACTOR FEE SCHEDULE



May 24, 2023

Lydia Wing
Terracon
1675 Lee Rd
Winter Park FL 32789
407-740-6110

RE: GOAA Vacuum Truck Pricing

Dear Ms. Wing,

Petrotech Southeast, Inc. would like to take this opportunity to thank you for your interest in our services. Per your request, please find our proposal for the services you require.

Description of work: Petrotech Southeast, Inc. proposes to provide a vacuum truck and personnel to remove oily water and sludge from oil water separators at GOAA facilities in Orlando Florida. The non-hazardous waste material will be recycled and/or disposed of according to Florida's Department of Environmental Protection's regulations. All rates are based upon standard working hours 8 AM to 5 PM Monday through Friday.

Product / Service	Unit Type	Unit Price
Vacuum Truck (Portal to Portal)	Per Hour	\$ 145.00
Oily waters	Per gal	\$ 0.49
Solids / Sludge	Per Gal	\$ 1.25
PPE Safety	Per man/day	\$ 40.00
Current fuel rate on truck time only		12.90%

Estimate is for budgetary purpose only actual quantities invoiced. Payment Terms: Net 30 days. All other Petrotech Southeast, Inc. standard terms and conditions shall apply. Any applicable taxes and surcharges shall be invoiced accordingly.

If you have any questions regarding this service agreement, please do not hesitate to call me 813-892-3961.

Best regards,

Jason W. Yates
Vice President



279 Douglas Ave., Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 Fax (407) 522-7043

**PRICING SCHEDULE 2024
PREPARED FOR : TERRACON**

VOLATILE ORGANIC COMPOUNDS

PARAMETER	EPA/STANDARD METHOD TEST	COST OF ANALYSIS	
		WATER	SOIL/SOLIDS
Volatile Organic Halocarbons (VOH)	EPA 8260	\$65.00	\$70.00
BTEX/MTBE (VOA)	EPA 8260	\$55.00	\$60.00
Volatile Organics (8260)	EPA 8260	\$100.00	\$105.00
1,4 Dioxane	EPA 8260SIM (Heated Purge)	\$125.00	\$130.00
Library Search (peaks > 10 ug/l)	EPA 8260 TIC	\$50.00	\$50.00

SEMIVOLATILE COMPOUNDS

PARAMETER	EPA/STANDARD METHOD TEST	COST OF ANALYSIS	
		WATER	SOIL/SOLIDS
Semivolatile Compounds (BNA)	EPA 8270	\$295.00	\$295.00
Polynuclear Aromatic Hydrocarbon Compounds	EPA 8270 SIM	\$100.00	\$105.00
EDB	EPA 8260SIM	\$50.00	\$60.00
Organochlorine Pesticides (Chlorinated)	EPA 8081	\$125.00	\$135.00
Organophosphorus Pesticides	EPA 8141	\$150.00	\$160.00
PCBs	EPA 8082	\$90.00	\$90.00
Chlorophenoxy Herbicides	EPA 8151	\$195.00	\$195.00
FLPRO	FLPRO	\$80.00	\$85.00
Library Search (peaks > 10 ug/l)	EPA 8270 TIC	\$50.00	\$50.00

METALS

PARAMETER	EPA/STANDARD METHOD TEST	COST OF ANALYSIS	
		WATER	SOIL/SOLIDS
Metals by ICP/ICP-MS	EPA 200.7/6010/6020	\$16.00	\$20.00
RCRA 8 Metals	EPA200.7/6010/245.1/7471	\$135.00	\$165.00
Mercury by Cold Vapor	EPA 245.1/7471	\$40.00	\$45.00
Mercury, Low Level	EPA 1631	\$125.00	NA
Laboratory Filtration for Dissolved Metals	SOP	\$10.00	NA

RCRA/WASTE CHARACTERIZATION

PARAMETER	EPA/STANDARD METHOD TEST	COST OF ANALYSIS
TCLP Metals, RCRA 8*	EPA 6010/7471	\$135.00
TCLP Volatiles*	EPA 8260	\$105.00
TCLP Semivolatiles*	EPA 8270	\$295.00
TCLP Pesticides*	EPA 8081	\$125.00
TCLP Herbicides*	EPA 8151	\$195.00
TCLP/SPLP Extraction	EPA 1311/1312	\$60.00
ZHE Volatile Extraction	EPA 1311/1312	\$60.00
Ignitability	EPA 1010	\$60.00
Corrosivity (pH)	EPA 9056	\$15.00

*TCLP Extraction Fees not Included.



279 Douglas Ave., Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 Fax (407) 522-7043

PRICING SCHEDULE 2024
PREPARED FOR : TERRACON

UST GROUP TESTS

PARAMETER	EPA/STANDARD METHOD TEST	COST OF ANALYSIS	
		WATER	SOIL/SOLIDS
Table B, 62-777 (KAG)	Various	\$310.00	\$260.00
Table C, 62-777	Various	\$675.00	\$690.00
Virgin Preburn 62-713 (VOH/4 RCRA/FLPRO)	Various	NA	\$250.00
Non Virgin Preburn, 62-713	Various	NA	\$399.00
(VOH/FLPRO/4 RCRA/TOX/PCBs)			
MA-EPH/VPH [MA-EPH (Extractable Petroleum)] [MA-VPH (Volatile Petroleum Hydrocarbons)]	Various	NA	\$325.00

GENERAL CHEMISTRY

PARAMETER	EPA/STANDARD METHOD TEST	COST OF ANALYSIS	
		WATER	SOIL/SOLIDS
Alkalinity	EPA 310.1/SM2320B	\$25.00	NA
CBOD	SM5210B	\$50.00	NA
Chloride	EPA 300.0/9053	\$25.00	\$35.00
Hardness	SM 2340C	\$35.00	NA
Hexavalent Chromium	EPA 7196A/SM 3500-CR	\$35.00	\$50.00
Nitrogen, Ammonia	350.1/350.3	\$50.00	\$50.00
Nitrogen, Nitrate	EPA 300.0/SM4500-NO3	\$25.00	\$35.00
Nitrogen, Nitrite	EPA 300.0/SM4500-NO2	\$25.00	\$35.00
Nitrogen, Nitrate+Nitrite	EPA 300.0/SM4500-NO3-NO2	\$50.00	\$35.00
Nitrogen, Total	TKN+NOX	\$65.00	\$85.00
Oil and Grease SGT-HEM	EPA 1664	\$125.00	\$125.00
pH	EPA 150.1/SM4500-H+B	\$15.00	\$15.00
Phenols, Total	420.2	\$95.00	NA
Phosphorus, Ortho	EPA 300.0/EPA 365.3	\$35.00	\$35.00
Phosphorus, Total	EPA 365.3	\$35.00	\$35.00
Residue, Filterable (TDS)	SM 2540C	\$20.00	NA
Residue, Non Filterable (TSS)	EPA 160.1	\$20.00	NA
Sulfate	EPA 300.0/375.4	\$30.00	\$35.00
Sulfide	EPA 376.1/SM 4500-S-F	\$30.00	\$35.00
Total Halogens		\$125.00	\$125.00

MISC CHARGES

ITEM	COST PER SAMPLE
Rush Fee 24 Hr.	200% Surcharge
Rush Fee 48 Hr.	175% Surcharge
Rush Fee 72 Hr.	100% Surcharge
Environmental Impact Fee (per work order)	\$15.00
Sample Disposal Fee (per sample)	\$3.00
Holds OR Cancellations (Per sample)	\$7.00
25g EnCore Sampler (SPLP ZHE)	\$25.00

Prices quoted reflect a 5-10 business day turnaround and include the following service options:

- All necessary sampling containers, coolers, and preservatives.
- Pre printed labels, • Sample kit delivery only
- Data delivery via email.

ATTACHMENT D

TRUTH IN NEGOTIATION CERTIFICATION

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 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 (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 Aviation Authority, whichever is later.

Consultant Terracon Consultants, Inc.

By: 

Print Name: Mark Mulligan

Date: August 8, 2023

ATTACHMENT A

FINANCE FORM

Date:	8/15/2023	Requestor's Extension:	3463
Requestor's Name:	Dan Carrington	Preparer's Extension:	3463
Preparer's Name:	Dan Carrington	Solicitation #:	
Requestor's Department:	Planning	Contract # / Name:	Continuing Environmental Engineering Services
Description:	FY24 OIL/Water Quarterly Maintenance and Compliance	Procurement Committee Date:	08/29/23
Vendor:	Terracon Consultants, Inc	Agenda Item #:	

NON-PROJECT FUNDS: O&M

Account Code Format:	FY 23 Amount	FY24 Amount	FY25 Amount	FY26 Amount	FY27 Amount	TOTAL CONTRACT
301.712.170.5310010.000.000000		\$78,654.00				
Total Requisition:		\$78,654.00				
Requisition Number:		94858				
Funding Approver:	Andrea Harper					
OMB Notes:	Subject to Board Budget Approval and Availability of Funds					

Operating Unit	GOAA		Type	Internal Requisition	Preparer	Harper, Andrea	
Number	94858		Status	Incomplete	Total	USD	78,654.00
Description	FY24 PC 8/29/23 T						

Lines	Source Details	Details	Currency
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Num	Item	Rev	Category	Description	UOM	Quantity	[]
1	ice C		Encumbrance.Ho	oil water quarterly maint	US D	78654	

Destination Type	Expense	Source	Supplier
Requester	Wages, Alice M	Supplier	



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
5850-B Cargo Road
Orlando, Florida 32827-4399

MEMORANDUM

To: Members of the Procurement Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: August 29, 2023

Re: Request for Recommendation to Aviation Authority Board of Approval of an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. to perform FY24 Oil/Water Quarterly Maintenance and Compliance pump outs at Orlando International Airport.

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Terracon Consultants, Inc. proposes 1.8% MWBE participation on this Addendum.

Our analysis indicates that Terracon Consultants, Inc. is eligible for award of the subject Addendum.

MWBE UTILIZATION FORM FOR NON-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 to Aviation Authority Board of Approval of an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. to perform FY24 Oil/Water Quarterly Maintenance and Compliance pump outs at Orlando International Airport.

1. Construction Information:

Addendum Amount: _____

2. MWBE 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 MWBE Participation	-	Actual Result	_____

3.a. Prime Contractor Information:

Name: _____

Address: _____

City, State, Zip: _____

Telephone: _____

3.b. Name and Address of MWBE 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: \$78,654.00

5. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0.0%
Asian Subcontinent American	-	Actual Result	0.0%
Black American	1,430.00	Actual Result	1.8%
Caucasian Female American	-	Actual Result	0.0%
Hispanic American	-	Actual Result	0.0%
Native American	-	Actual Result	0.0%
Other	-	Actual Result	0.0%
Total MWBE Participation	1,430.00	Actual Result	1.8%

6.b. Engineering / Professional Service Firm Information:

Name: Terracon Consultants, Inc.

Address: 1675 Lee Road

City, State, Zip: Winter Park, FL 32789

Telephone: (407) 740-6110

6.b. Name and Address of MWBE Subconsultant

Name: Southern Research Laboratories, Inc.

Address: 2251 Lynx Lane, Suite 1

City, State, Zip: Orlando, FL 32804

Telephone: (407) 522-7100

6.c. *Identity:

Black American

Work Item(s): Laboratory Analytical Services

Amount of Subcontract \$1,430.00

Percent of Prime Contract (%): 1.8%

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



GREATER ORLANDO AVIATION AUTHORITY

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

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Kathleen M. Sharman, Interim Chair, Procurement Committee/Chief Financial Officer

DATE: September 27, 2023

ITEM DESCRIPTION

Recommendation of the Procurement Committee to Approve Multiple Addenda to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. for Fiscal Year (FY) 2024 Environmental Engineering Consulting Services at the Orlando International Airport (MCO)

BACKGROUND

On May 16, 2018, the Aviation Authority Board approved Continuing Environmental Consulting Services Agreements with the following firms, following a competitive award process in compliance with state statutes and Aviation Authority policies:

- AECOM Technical Services, Inc.
- MSE Group, LLC (*MWBE*)
- Professional Service Industries, Inc.
- Terracon Consultants, Inc.

The agreements are structured as a no-cost base agreement with negotiated hourly rates. Services that are within the advertised scope are negotiated on an as-needed or annual basis, and awarded as addenda to the base agreement. The terms of the agreements shall be for a period of three years with optional renewal periods of two additional one-year terms, to be exercised at the discretion of the Aviation Authority and accepted by both parties. On May 19, 2023, the Aviation Authority Board approved an addendum to each agreement exercising an additional renewal option through December 31, 2023.

Services may include, but not limited to, environmental consulting services; conducting all phases of environmental contamination assessments for petroleum and hazardous materials; preparing reports and providing pertinent training as required by federal, State of Florida, and local agencies; storage tank management; coordination with regulatory agencies and remedial contractors; emergency response to fuel, petroleum and hazardous materials incidents, including immediate response to limit releases to the environment, performance of initial remedial actions and other related services including coordination with the Aviation Authority, its Consultants, the City and all agencies having jurisdiction over the Orlando International Airport, Orlando Executive Airport, and Other Facilities operated by the Aviation Authority.

Services may also include, but are not limited to, studies and preparation of reports involving scope definition and validation of projects, analysis of environmental design parameters, budget development, evaluation and documentation of existing conditions; environmental design, bid/procurement and award, permitting, environmental construction administration, technical support and review of documents prepared by others, environmental management support on various Aviation Authority projects and all other environmental engineering and related professional services

Since April 2023, a total of 6 addenda, and applicable amendments, to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. have been approved. A summary of these approvals can be provided upon request.

ISSUES

Per the Aviation Authority's Policy 450.04, the Aviation Authority Board must approve all contract addenda and applicable amendments that result in the value of any contract being increased, in the aggregate, by \$250,000 or more over the contract value. The Procurement Committee has recommended approval of addenda to the above-referenced agreement, as follows:

- An Addendum for FY 2024 Air Permit Compliance Services at MCO, for the total not-to-exceed fee amount of \$37,594, with funding from Operations and Maintenance Funds (subject to adoption by the Aviation Authority Board of the FY 2024 Aviation Authority Budget, under separate item). To ensure compliance with Florida Department of Environmental Protection requirements, air Terracon Consultants, Inc. will conduct FY 2024 air permit compliance services. These services will consist of monthly record keeping and preparation of an air pollution operating permit analysis to confirm air permit exemption criteria are satisfied. These services will be provided from October 1, 2023, through September 30, 2024. The Aviation Authority has reviewed the proposal from Terracon Consultants, Inc., and determined that Terracon Consultants, Inc. proposes 82% Minority and Women Business Enterprise (MWBE) participation on this addendum, and certifies that Terracon Consultants, Inc. is in good standing as it relates to its small business participation. *[Reference PC Meeting held August 29, 2023, Agenda Item No. IV-I].*
- An Addendum for FY 2024 Asbestos Operations and Maintenance (O&M) Program Update at MCO, for the total amount of \$12,975.75, which includes the not-to-exceed fee amount of \$12,582 and the not-to-exceed expense amount of \$393.75, with funding from Operations and Maintenance Funds (subject to adoption by the Aviation Authority Board of the FY 2024 Aviation Authority Budget, under separate item). Services will consist of conducting asbestos O&M program updates for the west portion of the Landside Terminal and Airsides 1 and 3, and will include, but are not limited to, performing periodic surveillance, supplemental sampling, project monitoring services, O&M manual update, and awareness training, as requested by the Aviation Authority. These services will be provided from October 1, 2023, through September 30, 2024. The Aviation Authority has reviewed the proposal from Terracon Consultants, Inc., and determined that Terracon Consultants, Inc. proposes 76.9% MWBE participation on this addendum, and certifies that Terracon Consultants, Inc. is in good standing as it relates to its small business participation. *[Reference PC Meeting held August 29, 2023, Agenda Item No. IV-J].*
- An Addendum for FY 2024 Technical Support, including Software Services, and Enhancements of the Asset Compliance Management Program at MCO, for the total amount of \$38,128, which includes the not-to-exceed fee amount of \$9,128 and the not-to-exceed expense amount of \$29,000, with funding from Operations and Maintenance Funds (subject to adoption by the Aviation Authority Board of the FY 2024 Aviation Authority Budget, under separate item). Services will include, but are not limited to, build on and improve previous functionality delivered to the Aviation Authority to provide a sustainable and scalable plan for managing the compliance assets and the associated inspection and regulatory reporting activities. These services will be provided from October 1, 2023, through September 30, 2024. The Aviation Authority has reviewed the proposal from Terracon Consultants, Inc., and determined that Terracon Consultants, Inc. proposes 76.1% MWBE participation on this addendum, and certifies that Terracon Consultants, Inc. is in good standing as it relates to its small business participation. *[Reference PC Meeting held August 29, 2023, Agenda Item No. IV-K].*
- An Addendum for FY 2024 City of Orlando Industrial User Discharge Permit (IUDP) Compliance Services at MCO, for the total amount of \$67,348, which includes the not-to-exceed fee amount of \$49,068 and the not-to-exceed expense amount of \$18,280, with funding from Operations and Maintenance Funds (subject to adoption by the Aviation Authority Board of the FY 2024 Aviation Authority Budget, under separate item). Services will include, but are not limited to, compliance sampling, analyses and reporting activities as required by the City of Orlando IUDP. The wastewater monitoring activities will be conducted at various lift stations at MCO. These services will be provided from October 1, 2023, through September 30, 2024. The Aviation Authority has

reviewed the proposal from Terracon Consultants, Inc., and determined that Terracon Consultants, Inc. proposes 2% MWBE participation on this addendum, and certifies that Terracon Consultants, Inc. is in good standing as it relates to its small business participation. *[Reference PC Meeting held August 29, 2023, Agenda Item No. IV-L].*

- An Addendum for FY 2024 Oil/Water Separator (OWS) Maintenance and Compliance Pump-Outs at MCO, for the total amount of \$78,654, which includes the not-to-exceed fee amount of \$29,584 and the not-to-exceed expense amount of \$49,070, with funding from Operations and Maintenance Funds (subject to adoption by the Aviation Authority Board of the FY 2024 Aviation Authority Budget, under separate item). Services will consist of conducting the OWS maintenance services and require quarterly maintenance of OWS pre-treatment devices needed to uphold compliance with the City of Orlando's Fats, Oils and Grease (FOG) Management Program for wastewater discharge. Quarterly maintenance and compliance reporting activities will occur at various MCO locations such as the Motor Pool Facility wash rack area, East Air Rescue Firefighting Facility (ARFF), West ARFF, the former AMI Leasing facility at Express Street, and the Terminal C area. These services will be provided from October 1, 2023, through September 30, 2024. The Aviation Authority has reviewed the proposal from Terracon Consultants, Inc., and determined that Terracon Consultants, Inc. proposes 1.8% MWBE participation on this addendum, and certifies that Terracon Consultants, Inc. is in good standing as it relates to its small business participation. *[Reference PC Meeting held August 29, 2023, Agenda Item No. IV-M].*
- An Addendum for FY 2024 On-Call Emergency Spill Response for Petroleum, Chemical or Sewer Discharges and Abandoned Drums at MCO, for the total amount of \$25,000, which includes the not-to-exceed fee amount of \$17,500 and the not-to-exceed expense amount of \$7,500, with funding from Operations and Maintenance Funds (subject to adoption by the Aviation Authority Board of the FY 2024 Aviation Authority Budget, under separate item). Services will consist of emergency spill response services on an as-needed basis. Scope of services will include, but is not limited to, quick and efficient management of emergency response (i.e., abandoned drums, petroleum, hazardous chemical or sewer) to land or water spills, with fully qualified emergency response crews available on a 24-hour, standby basis with the appropriate containment and cleanup equipment, which includes, but is not limited to, the necessary spill response vacuum trucks, backhoes, and sorbent materials. These services will be provided from October 1, 2023, through September 30, 2024. The Aviation Authority has reviewed the proposal from Terracon Consultants, Inc., and determined that Terracon Consultants, Inc. proposes 15% MWBE participation on this addendum, and certifies that Terracon Consultants, Inc. is in good standing as it relates to its small business participation. *[Reference PC Meeting held August 29, 2023, Agenda Item No. IV-N].*
- An Addendum for FY 2024 On-Call Petroleum Storage Tanks Systems Maintenance and Repair Services at MCO, for the total amount of \$60,000, which includes the not-to-exceed fee amount of \$15,000 and the not-to-exceed expense amount of \$45,000, with funding from Operations and Maintenance Funds (subject to adoption by the Aviation Authority Board of the FY 2024 Aviation Authority Budget, under separate item). Services will include, but are not limited to, compliance testing, maintenance, calibration and repair of the Aviation Authority aboveground and underground petroleum storage tank systems, ancillaries, electronic monitors and probes on an as-needed basis. Annual and triennial testing is required at Aviation Authority facilities to remain in compliance with state requirements and in preparation for inspections conducted annually by Orange County Environmental Protection Division Compliance Section. Additionally, services will enable Terracon Consultants, Inc. to quickly and efficiently respond to any maintenance or repair needs to keep petroleum product storage tank systems operational without interruption to MCO support systems. These services will be provided from October 1, 2023, through September 30, 2024. The Aviation Authority has reviewed the proposal from Terracon Consultants, Inc., and determined that Terracon Consultants, Inc. does not propose any small business participation because of the specialized scope of the required services. The Small Business Department certifies that Terracon Consultants, Inc. is in good standing as it relates to its small business participation on those addenda on which small business participation is required in its professional services agreement. *[Reference PC Meeting held August 29, 2023, Agenda Item No. IV-O].*

As these addenda will result in an aggregate increase to the Aviation Authority's Agreement with Terracon Consultants, Inc. exceeding \$250,000, Aviation Authority Board approval is required, as outlined in the memorandum.

SMALL BUSINESS

Individual small business participation is included for each of the addenda listed above.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$319,699.75. Funding is from Operations and Maintenance Funds (subject to adoption of the FY 2023 Aviation Authority Budget by the Aviation Authority Board under separate item).

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Procurement Committee and approve Addenda to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. for the following services, and authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel:

- (1) FY 2024 Air Permit Compliance Services at MCO, for the total not-to-exceed fee amount of \$37,594, with funding from Operations and Maintenance Funds;
- (2) FY 2024 Asbestos Operations and Maintenance (O&M) Program Update at MCO, for the total amount of \$12,975.75, which includes the not-to-exceed fee amount of \$12,582 and the not-to-exceed expense amount of \$393.75, with funding from Operations and Maintenance Funds;
- (3) FY 2024 Technical Support, including Software Services, and Enhancements of the Asset Compliance Management Program at MCO, for the total amount of \$38,128, which includes the not-to-exceed fee amount of \$9,128 and the not-to-exceed expense amount of \$29,000, with funding from Operations and Maintenance Funds;
- (4) FY 2024 City of Orlando Industrial User Discharge Permit (IUDP) Compliance Services at MCO, for the total amount of \$67,348, which includes the not-to-exceed fee amount of \$49,068 and the not-to-exceed expense amount of \$18,280, with funding from Operations and Maintenance Funds;
- (5) FY 2024 Oil/Water Separator Maintenance and Compliance Pump-Outs at MCO, for the total amount of \$78,654, which includes the not-to-exceed fee amount of \$29,584 and the not-to-exceed expense amount of \$49,070, with funding from Operations and Maintenance Funds;
- (6) FY 2024 On-Call Emergency Spill Response for Petroleum, Chemical or Sewer Discharges and Abandoned Drums at MCO, for the total amount of \$25,000, which includes the not-to-exceed fee amount of \$17,500 and the not-to-exceed expense amount of \$7,500, with funding from Operations and Maintenance Funds;
- (7) FY 2024 On-Call Petroleum Storage Tanks Systems Maintenance and Repair Services at MCO, for the total amount of \$60,000, which includes the not-to-exceed fee amount of \$15,000 and the not-to-exceed expense amount of \$45,000, with funding from Operations and Maintenance Funds.