

**ADDENDUM NO. 58
TO THE AGREEMENT DATED AUGUST 3, 2018
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND TERRACON CONSULTANTS, INC.**

Project: FY24 Services to Comply With the City of Orlando Industrial User Discharge Permit (IUDP), 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 **SIXTY-SEVEN THOUSAND THREE HUNDRED FORTY-EIGHT AND NO/100 DOLLARS (\$67,348.00)**, broken down as follows:

Professional Fees:	NTE:	\$49,068.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$18,280.00</u>
Total:		\$67,348.00

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: 
boxSIGN 1VQ23JL-4697XW6X
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**


By: boxSIGN 1JBRK51-4697XW6X
**NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority**

TERRACON CONSULTANTS, INC.

By: 
boxSIGN 42K22VXW-4697XW6X
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 the Aviation Authority Board of Approval of an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. to provide FY24 services to comply with the City of Orlando Industrial User Discharge Permit (IUDP) 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 provide FY24 services to comply with the City of Orlando Industrial User Discharge Permit (IUDP) 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 \$67,348.00. 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	\$49,068.00
Lump Sum Fees	\$0.00
Not-to-Exceed Expenses	\$18,280.00
TOTAL	\$67,348.00
AAC – Compliance Review Date	<i>SJ</i> 08/22/23
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 Industrial User Discharge Compliance Monitoring Activities
Orlando International Airport Lift Stations
Orlando, Orange County, Florida
Terracon Proposal No. PH1237854

Dear Mr. Carrington:

As per your request, the following is Terracon's scope of services to implement the compliance sampling, analyses and reporting activities as required by the City of Orlando Industrial User Discharge Permit (IUDP) for Orlando International Airport. The wastewater monitoring activities will be conducted at various lift stations as required by the IUDP (Permit CO106TA, dated February 27, 2023) covering the period through September 30, 2024.

A. SCOPE OF SERVICES

Terracon will perform sampling, analysis and reporting activities at two (2) lift stations located at the North Terminal (LS #218 and LS #221) and two (2) lift stations located at Terminal C (LS #235 and LS #236).

Each monitoring event will generally consist of the following activities:

- Set up and program an ISCO wastewater auto-sampler at each of the lift stations to perform sampling at 30-minute intervals over a 24-hour period of time.
- Collect the grab and 24-hour composite wastewater samples from each lift station for laboratory analysis as required by the IUDP. The wastewater samples will be submitted for laboratory analysis as presented on the following table for sodium and copper by U.S. Environmental Protection Agency (EPA) Method 6020, chloride by EPA Method 300.0 and Oil and Grease (O&G) by EPA Method 1664.
- Prepare monitoring reports for each compliance sample event detailing the field sampling methodology and analytical results. The report will be submitted to the Greater Orlando Aviation Authority (GOAA) for review, approval and subsequent submittal to the City of Orlando Environmental Control Section.

Resample events may be required if initial laboratory analytical results indicate an exceedance of City of Orlando effluent limits pursuant to Section 30.03 of Chapter 30 and as provided in the IUDP. For the purpose of this proposal, resample events have been included to consist of sample collection at a total of four (4) lift stations for the aforementioned analytical methods.

Additionally, due to the age and condition of the current ISCO auto-samplers owned by GOAA, this proposal includes the replacement cost for up to two (2) ISCO samplers, batteries and battery packs. The current samplers have been in service for at least 20 years and maintenance is cost prohibitive.

Proposal for 2023/2024 Industrial User Discharge Compliance Monitoring

Orlando International Airport ■ Orlando, FL
 August 10, 2023 ■ Terracon Proposal No. PH1237854



The sample schedule and required analysis and reporting is summarized as follows:

Monitoring Event	Terminal C		North Terminal		Report Type
	Analysis	Lift Station No	Analysis	Lift Station No	
October 2023	Copper	236	No sampling for North Terminal in October		Terminal C 4th Qtr Monitoring Report
December 2023	No sampling For Terminal C in December		Chlorides	218	North Terminal Semi-Annual Report
			Chlorides	221	
			Copper	218	
			Sodium	218	
			Sodium	221	
			O&G	218	
January 2024	Chlorides	235	No Sampling for North Terminal in January		Terminal C 1st Qtr Monitoring Report
	Chlorides	236			
	Copper	235			
	Copper	236			
	Sodium	235			
	Sodium	236			
	O&G	236			
April 2024	Copper	236	No Sampling for North Terminal in April		Terminal C 2nd Qtr Monitoring Report
June 2024	No sampling for Terminal C in June		Chlorides	218	North Terminal Semi-Annual Report
			Chlorides	221	
July 2024	Copper	235	No Sampling for North Terminal in July		Terminal C 3rd Qtr Monitoring Report
	Copper	236			
	Chlorides	235			
	Chlorides	236			

A summary of the number of sample events per LS and number of samples per analytical parameter is provided as follows:

	LS #	Sample Events per LS	Chloride EPA 300.0	Copper EPA 6020	Sodium EPA 6020	O&G EPA 1664
Terminal C	235	2	2	2	1	0
	236	4	2	4	1	1
N Terminal	218	2	2	1	1	1
	221	2	2	0	1	0
Resample Events	TBD	4	4	4	4	4
Totals:		14	12	11	8	6

B. QUALITY ASSURANCE/QUALITY CONTROL

All field sampling activities will be performed by Terracon following the applicable procedures and requirements described in Florida Department of Environmental Protection's *Standard Operating Procedures for Field Activities*, DEP-SOP-001/01, effective April 16, 2018. Laboratory analyses 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.

C. 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 **\$67,348.00**, consisting of \$49,068.00 in Professional Service Fees and \$18,280.00 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 INDUSTRIAL USER DISCHARGE COMPLIANCE MONITORING - LIFT STATIONS
ORLANDO INTERNATIONAL AIRPORT
ORLANDO, ORANGE COUNTY, FLORIDA
TERRACON PROPOSAL NO. PH1237854
August 10, 2023

DESCRIPTION	QTY.	RATE	UNIT	AMOUNT	RE	PSF
SAMPLE EVENTS						
I. FIELD SERVICES						
a. Mobilization of Crew and Equipment	2	\$100.00	Each	\$200.00	\$200.00	
b. Senior Engineer	12	\$143.00	Per Hour	\$1,716.00		\$1,716.00
c. Senior Env Technician	12	\$75.00	Per Hour	\$900.00		\$900.00
d. Sampling Supplies	1	\$75.00	Each	\$75.00	\$75.00	
Subtotal Field Services Per Sample Event				\$2,891.00		
Total Sample Events 14				\$2,891.00 Per Event	\$3,850.00	\$36,624.00
MONITORING REPORTS and PROJECT MANAGEMENT						
III. PROFESSIONAL SERVICES						
a. QC Reviewer	1	\$192.00	Per Hour	\$192.00		\$192.00
b. Senior Engineer	8	\$143.00	Per Hour	\$1,144.00		\$1,144.00
c. Senior Project Manager	4	\$169.00	Per Hour	\$676.00		\$676.00
d. Clerical	1	\$62.00	Per Hour	\$62.00		\$62.00
Subtotal Professional Services Per Event				\$2,074.00		
Total Monitoring Reports 6				\$2,074.00 Per Event	\$0.00	\$ 12,444.00
FIELD EQUIPMENT						
I. EQUIPMENT (Pine Environmental)						
a. ISCO Samplers and appurtenances	1	\$13,076.00	NTE	\$13,076.00		
Total Field Equipment				\$13,076.00	\$13,076.00	
LABORATORY SERVICES						
II. ANALYSIS						
a. Chloride (EPA 300.0)	12	\$ 25.00	Each	\$300.00	\$300.00	
b. Copper (EPA 6020)	11	\$ 16.00	Each	\$176.00	\$176.00	
c. Sodium (EPA 6020)	8	\$ 16.00	Each	\$128.00	\$128.00	
d. O&G (EPA1664)	6	\$ 125.00	Each	\$750.00	\$750.00	
Total Laboratory Analysis				\$1,354.00	\$1,354.00	
TOTAL ESTIMATE PROJECT COST				\$67,348.00		
TOTAL REIMBURSABLE EXPENSES (RE)					\$18,280.00	
TOTAL PROFESSIONAL SERVICE FEES (PSF)						\$49,068.00
TOTAL ESTIMATED PROJECT COSTS					\$67,348.00	

ATTACHMENT B
DBE PARTICIPATION SCHEDULE

ATTACHMENT B- MWBE PARTICIPATION SCHEDULE

2023/2024 INDUSTRIAL USER DISCHARGE COMPLIANCE MONITORING - LIFT STATIONS
Orlando International Airport
Orlando, Orange County, Florida
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	Laboratory Analytical Services	\$ 1,354.00	2%
Total Proposed Participation			\$ 1,354.00	2%

ATTACHMENT C
SUBCONTRACTOR FEE SCHEDULE

Quote



The Equipment Supply and Support People

QUO-33496-P7N0

Ver. 3

7/21/2023

Quote valid for 30 days

Quoted For: Rachael Greller

Phone: 321-347-3196

Email: Rachael.Greller@terracon.com

Bill To:

Terracon

ALL ORDERS MUST HAVE PO

1675 Lee Rd.

WINTER PARK, FL 32789

Quoted By: Lynn Reedy

Phone: 813-620-1001

Email: lreedy@pine-environmental.com

Ship To:

ALL ORDERS MUST HAVE PO

1675 Lee Rd.

WINTER PARK, FL 32789

Sales Charges

Item #	Description	Qty	Unit Sale Price	Extended Sale
15308	Charger- 961 Single mfg# 60-3004-059	2	\$245.00	\$490.00
51777	Sampler- Composite ISCO 6712 6712 Full-size Portable Sampler. includes controller, top cover, center section, base, distributor arm, and two pump tubes. Does not include bottle configuration kit. **the 6712 can lift up to 28 feet. it can draw at level from 99 feet**	2	\$5,365.00	\$10,730.00
20801	Bottle Configuration Full sz. Single-bottle Configuration for 6700 Series Full-size Portable Sampler. Includes one polyethylene 2.5-gallon (10-liter) round bottle with cap, tube guide, and two discharge tubes	2	\$269.00	\$538.00
15409	Suction Line Vinyl 3/8- 100' 3/8 inch vinyl suction line - 100 ft. Includes tubing coupler	1	\$124.00	\$124.00
15307	Battery- 934 Ni-Cad (DC) Model 934 Nickel-Cadmium Battery. Rechargeable, 12 VDC, 4 amp-hours. For use with ISCO GLS, 3700, 6100, and 6700 Series Portable Samplers; 4200 Series flowmeters; and 150 Portable Peristaltic Pump. Recharge using Model 961 or 965 battery charger	2	\$378.00	\$756.00
16002	Strainer Polypropylene - ISCO 3/8 inch standard weighted polypropylene strainer	2	\$129.00	\$258.00
ShipEst	Estimated shipping charges. Actual price is subject to change.	2	\$90.00	\$180.00
<i>Estimated Sales Total (Rental rate totals excluded)</i>				\$13,076.00



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

Sodium and Copper

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	
		WATER	SOIL/SOLIDS
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 (VOH/FLPRO/4 RCRA/TOX/PCBs)	Various	NA	\$399.00
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:	<u>8/15/2023</u>	Requestor's Extension:	<u>3463</u>
Requestor's Name:	<u>Dan Carrington</u>	Preparer's Extension:	<u>3463</u>
Preparer's Name:	<u>Dan Carrington</u>	Solicitation #:	<u></u>
Requestor's Department:	<u>Planning</u>	Contract # / Name:	<u>Continuing Environmental Engineering Services</u>
Description:	<u>FY24 Industrial User Discharge Permit (IUDP)</u>	Procurement Committee Date:	<u>08/29/23</u>
Vendor:	<u>Terracon Consultants, Inc</u>	Agenda Item #:	<u></u>

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		\$67,348.00				
Total Requisition:		\$67,348.00				
Requisition Number:		94860				
Funding Approver: <i>Andrea Harper</i>						
OMB Notes: Subject to Board Budget Approval and Availability of Funds						

Operating Unit GOAA

Number 94860 Type Internal Requisition Preparer Harper, Andrea

Description FY24 PC 8/29/23 T Status Incomplete Total USD 67,348.00

Lines | Source Details | Details | Currency

Num	Item	Rev	Category	Description	UOM	Quantity
1	Ice C		Encumbrance Ho	industrial user discharge	US D	67348

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 the Aviation Authority Board of Approval of an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. to provide FY24 Services to Comply with the City of Orlando Industrial User Discharge Permit (IUDP) 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 2% 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 the Aviation Authority Board of Approval of an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. to provide FY24 Services to Comply with the City of Orlando Industrial User Discharge Permit (IUDP) 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: \$67,348.00

5. MWBE Goal by Group Representation:

Asian Pacific American	-	Actual Result	0.0%
Asian Subcontinent American	-	Actual Result	0.0%
Black American	1,354.00	Actual Result	2.0%
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	1,354.00	Actual Result	2.0%

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 \$1,354.00
 Percent of Prime Contract (%): 2.0%

* 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.