

**AMENDMENT 1 to ADDENDUM NO. 60
TO THE AGREEMENT DATED AUGUST 3, 2018
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND TERRACON CONSULTANTS, INC.**

Project: Additional FY24 On-Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums, Orlando International Airport

THIS AMENDMENT is effective this day of May 31, 2024, by and between the **GREATER ORLANDO AVIATION AUTHORITY** (“Aviation Authority”), and **TERRACON CONSULTANTS, INC.** (“Consultant”).

WITNESSETH:

WHEREAS, by Agreement dated August 3, 2018, Aviation 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 Aviation Authority as are contained in any additional scope of work established by the Aviation Authority in any addendum to the Agreement and accepted in writing by the Consultant; and

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

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

1. Consultant shall perform additional services in accordance with the terms of the Agreement and the attached Exhibit “A.” Consultant shall be paid for such additional services according to the payment terms set forth in the Agreement.


2. Consultant shall be compensated for such additional services in the **NOT TO EXCEED amount of FIFTY THOUSAND AND NO/100 DOLLARS (\$50,000.00)**, broken down as follows:

Professional Fees:	NTE:	\$20,000.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$30,000.00</u>
Total:		\$50,000.00

3. Except as expressly modified in this Amendment, 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 May 31, 2024 _____.

GREATER ORLANDO AVIATION AUTHORITY


boxSIGN 1V3Q39J4-4Y6WJ95

By: _____

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

Approved as to Form and Legality
(for the benefit of GOAA only)
this day of May 30, 2024



By: boxSIGN _____

1J8RLK51-4Y6WJ95

**NELSON MULLINS RILEY AND
SCARBOROUGH, Legal Counsel
Greater Orlando Aviation Authority**

TERRACON CONSULTANTS, INC.


boxSIGN 42K22VXX-4Y6WJ95

By: _____

Signature (Duly Authorized Rep.)

Mark Mulligan

Printed Name

Principal

Title

MEMORANDUM

TO: Members of the Procurement Committee

FROM: Keegan O'Brien, P.E., Assistant Vice President of Environmental

DATE: May 28, 2024

ITEM DESCRIPTION

Request of Approval of an Amendment to Addendum No. 60 to the Continuing Environmental Consulting Services Agreement with Terracon Consultants, Inc. for Additional FY24 On-Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums at the 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
- Professional Services Industries, Inc.
- Terracon Consultants, Inc.

On September 27, 2023, the Aviation Authority Board approved Addendum No. 60 to the 2018 Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc. for FY24 On-Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums at the Orlando International Airport, for the total amount of \$25,000.00. Since that time it has been determined that additional scope and funding is needed to support additional emergency responses as they may arise based on previous events that have occurred this fiscal year. Future emergency response addenda will be under the 2023 Continuing Environmental Engineering Consulting Services Agreement with selected consultants. No further addenda will be issued under the 2018 Continuing Environmental Engineering Consulting Services Agreements with Terracon.

These no-cost base agreements established the negotiated hourly rates. The services may include, but are 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 material 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 March 22, 2024, is to provide FY24 on-call emergency spill response for petroleum, chemical, and/or sewer discharges and abandoned drums.

Upon completion of all required documentation, services will be effective no earlier than Procurement Committee approval.

The cumulative contract value of all addenda/amendments since the last approval by the Aviation Authority Board for the Continuing Environmental Engineering Consulting Services Agreement with Terracon Consultants, Inc., is below the \$250,000 threshold; thus, this agenda item does not require Board approval.

SMALL BUSINESS

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

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$50,000.00. Funding is from previously-approved Operation and Maintenance Funds.

RECOMMENDED ACTION

It is respectfully requested that the Procurement Committee recommend approval of an Amendment to Addendum No. 60 to the Continuing Environmental Consulting Services with Terracon Consultants, Inc., for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$20,000.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$30,000.00
TOTAL	\$50,000.00
CRI – Compliance Review Date	DL 5/21/24
CRI – Funding Eligibility Review Date	5/21/24

**ATTACHMENT A
FINANCE FORM**

Date:	<u>5/14/2024</u>	Requestor's Extension:	<u>3555</u>
Requestor's Name:	<u>Keegan O'Brien</u>	Preparer's Extension:	<u>3555</u>
Preparer's Name:	<u>Keegan O'Brien</u>	Solicitation #:	<u></u>
Requestor's Department:	<u>Planning and Environmental</u>	Contract # / Name:	<u>Continuing Environmental Engineering Consulting Services Agreement</u>
Description:	<u>Additional FY24 On-Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums</u>	Procurement Committee Date:	<u>5/28/2024</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						
Total Requisition:		\$50,000.00				
Requisition Number:		96971				
Funding Approver:	<i>Andrea Harper</i>					
OMB Notes:						

Number	Description	Approval Status	Creation Date	Currency	Total	Preparer	Reserved
96971	FY24 PC 05/28/24 - Tr	In Process	14-MAY-2024 16:50:1	USD	50,000.00	Wages, Alice M	<input checked="" type="checkbox"/>

MEMORANDUM

TO: Members of the Procurement Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: May 28, 2024

ITEM DESCRIPTION

Request of Approval of an Amendment to Addendum No. 60 to the Continuing Environmental Consulting Services Agreement with Terracon Consultants, Inc. for Additional FY24 On-Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums at the Orlando International Airport

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Terracon Consultants, Inc. proposes 25% MWBE participation on this amendment.

**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
 Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Telephone No: (407) 825-7179

Project Name & Number: Request of Approval of an Amendment to Addendum No. 60 to the Continuing Environmental Consulting Services Agreement with Terracon Consultants, Inc. for Additional FY24 On-Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums at the Orlando International Airport

1. Construction Information:

Amendment Amount:	_____	\$50,000.00
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 _____

4. Engineering/Professional Services Information:

Amendment Amount:	_____	\$50,000.00
5. MWBE Goal by Group Representation:		
Asian Pacific American	-	Actual Result _____
Asian Subcontinent American	-	Actual Result _____
Black American	12,500.00	Actual Result _____
Caucasian Female American	-	Actual Result _____
Hispanic American	-	Actual Result _____
Native American	-	Actual Result _____
Other	-	Actual Result _____
Total MWBE Participation	12,500.00	Actual Result _____

3.a. Prime Contractor Information:

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

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

3.b. Name and Address of MWBE Subcontractor

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

6.b. Name and Address of MWBE Subcontractant

Name: Southern Research Laboratories, Inc.
 Address: 279 Douglas Ave. Suite 1110
 City, State, Zip: Altamonte Springs, FL 32714
 Telephone: 407-522-7100

3.c. *Identity:

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

6.c. *Identity:

Black American
 Laboratory Services
 Amount of Subcontract \$12,500.00
 Percent of Prime Contract (%) 25%

* 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)



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

March 22, 2024

Greater Orlando Aviation Authority
5855 Cargo Road
Orlando, Florida 32827-4399

Attention: Ms. Keegan O'Brien, P.E.
Telephone: 407-713-7080
Email: maryobrien@goaa.org

**Proposal for On Call Emergency Environmental Spill Response
Orlando International Airport
Orlando, Orange County, Florida
Terracon Proposal No. PH1247823**

Dear Ms. O'Brien:

In accordance with your request, Terracon Consultants, Inc. (Terracon) is pleased to present for your review and consideration our proposal to conduct emergency spill response services on an as-needed basis at the Orlando International Airport (OIA). This proposal is provided in order to enable Terracon to quickly and efficiently manage Emergency Response (abandoned drums, petroleum, hazardous chemical and/or sewer) to land and/or water spills.

SCOPE OF SERVICES

Fully qualified emergency response crews will be available on a 24-hour, standby basis with the appropriate containment and cleanup equipment. The equipment will include the necessary spill response vacuum trucks, backhoes, sorbent materials, etc.

Terracon has a 100% commitment to the safety of all its employees. As such, and in accordance with our Incident and Injury Free® safety culture, Terracon will develop a safety plan to be used by our personnel during field services. Prior to commencement of on-site activities, Terracon will hold a meeting to review health and safety needs for this specific project. At this time, we anticipate performing fieldwork in a USEPA Level D work uniform consisting of hard hats, safety glasses, protective gloves, and steel-toed boots.

Please note that the emergency response fees will be invoiced based on the services needed as appropriate for each emergency response. Terracon is prepared to implement the above generally outlined scope of services on an as-needed basis for a not to exceed amount of **\$50,000.00**, utilizing Terracon's contract unit fee rates, and the subcontractor fee schedules provided in **Attachment A**. We estimate that 50% of the fees will be for reimbursable field services (up to 10%) and subcontractor services (up to 40%), and 50%

for professional services. The estimated DBE Participation Schedule is included as **Attachment B**. The Truth in Negotiation Certification is provided in **Attachment C**.

Terracon appreciates the opportunity to submit this proposal. If you should have any questions concerning this proposal, please do not hesitate to contact us.

AUTHORIZATION

If this proposal meets with your approval, work may be initiated by issuing an Addendum to the Continuing Environmental Engineering Services Contract dated January 8, 2024.

Terracon appreciates the opportunity to provide this proposal and look forward to working with you on this project. If you should have any questions or comments regarding this proposal, please contact either of the undersigned at 407-740-6110.

Sincerely,

Terracon Consultants, Inc.



Lydia Wing
Senior Geologist



Mark Mulligan, P.G.
Office Manager III

Attachment A – Terracon Rates, Subcontractor Fee Schedules

Attachment B - MWBE Participation

Attachment C - Truth In Negotiation Certification

ATTACHMENT A

TERRACON RATES
AND
SUBCONTRACTOR FEE SCHEDULES

ATTACHMENT A - ESTIMATED COSTS
Proposal for On Call Emergency Environmental Spill Response
Orlando International Airport
PROPOSAL NO. PH1247823

	QTY.	RATE	UNIT	AMOUNT
I. REIMBURSABLE EXPENSES				
a. Estimated Reimbursable Field Expenses	1	\$ 5,000.00	Each	\$ 5,000.00
b. Estimated Laboratory Services (Petrotech)	1	\$ 12,500.00	Each	\$ 12,500.00
c. Estimated Laboratory Services (SRL)	1	\$ 12,500.00	Each	\$ 12,500.00
			Subtotal Reimbursable Expenses	\$ 30,000.00
II. PROFESSIONAL SERVICE FEES				
PROFESSIONAL SERVICES - (Field, PM, Report) - TERRACON				
a. QC Reviewer		\$ 220.00	Per Hour	
b. Senior Engineer		\$ 162.00	Per Hour	
c. Senior Project Manager		\$ 169.00	Per Hour	
c. CADD Designer		\$ 82.00	Per Hour	\$ 20,000.00
d. Senior Environmental Technician		\$ 75.00	Per Hour	
e. Senior CADD Designer		\$ 97.00	Per Hour	
f. Admin/Clerical		\$ 75.00	Per Hour	
			Subtotal Professional Services	\$ 20,000.00
			Total Reimbursable Expenses	\$ 30,000.00
			Total Professional Service Fees	\$ 20,000.00
			TOTAL ESTIMATED PROJECT COSTS	\$ 50,000.00



August 7, 2023

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

RE: GOAA Vacuum Truck Pricing (FY2024)

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	\$ 0.52
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



Petrotech Southeast, Inc.

Petroleum Service Pricing FY-2024

Personnel:	Unit	Hourly Rate Straight Time
Construction Mgr./PSSC	Hour	\$125.00
API-653 Tank Inspector	Hour	\$135.00
NACE Coatings Inspector	Hour	\$90.00
Project Manager	Hour	\$95.00
Construction Superintendent	Hour	\$90.00
Foreman	Hour	\$75.00
Driver	Hour	\$75.00
Equipment Operator	Hour	\$75.00
Petroleum Technician	Hour	\$85.00
Field Technician	Hour	\$55.00
Administrative Support	Hour	\$50.00
Support Vehicles:		
Service Truck	Hour	\$30.00
Pick-Up Truck	Hour	\$20.00
Equipment Trailer	Hour	\$25.00
Vacuum Truck & Operator	Hour	\$145.00
Vacuum Truck w/Jetter & Operator	Hour	\$215.00
Roll-off Truck & Operator	Hour	\$145.00
Roll-Off Rental	Day	\$20.00
Roll-Off Liner	Each	\$65.00
Frac Tank Rental	Day	\$75.00
Tanker & Operator	Hour	\$145.00
Skidsteer	Day	\$475.00
Sweeper Attachment	Day	\$275.00
Breaker Attachment	Day	\$370.00
Pressure Washer	Day	\$90.00
Plate Compactor	Day	\$175.00
Concrete Saw (Handheld)	Day	\$42.00
Concrete Saw (Walk Behind)	Linear Foot	\$2.95
Mobilization of Heavy Equip.	Per Trip	\$275.00
Testing		
Hydrotest (Dispenser Sumps, Piping Sumps & Spill Buckets)	Per Test	\$135.00
Spill Containment Test (Vacuum Procedure)	Per Spill Bucket	\$100.00
Line Leak Detector Test	Per Leak Detector	\$60.00
Tank test	Per Tank	TBD
Overfill Prevention Test (drop tube or mechanical overfill)	Per Test	\$75.00
Overfill Prevention Test (electronic overfill prevention/ATG)	Per Test	\$175.00
Release Detection Test (piping sumps, interstitial, etc.)	Per Test	\$50.00
Breach of Integrity Test	Per Test	\$1,000.00
Inspections		
Monthly Inspections	Per Tank	\$90.00
Quarterly inspections	Per Tank	\$90.00

Annual Inspections	Per Tank	\$395.00
Disposal		
Non-Haz Oily Water (Bulk)	Per Gallon	\$0.50
Non-Haz Oily Water (Drum)	Per Drum	\$125.00
Non-Haz Sludge/Solids (Bulk)	Per Gallon	\$1.25
Non-Haz Sludge/Solids (Drum)	Per Drum	\$150.00
PCW (Bulk)	Per Gallon	\$0.65
PCW (Drum)	Per Drum	\$150.00
Miscellaneous		
Reconditioned 55-Gallon Drum	Each	\$67.50
Absorbent Pads	Bale	\$105.00
5" Absorbent Booms	Bale	\$125.00
Field Kit (ice/hydration/etc.)	Day	\$25.00
Level-D PPE	Man/Day	\$35.00

Notes

Vehicles and Personnel will be billed portal to portal with a 4 hour minimum.

Disposal pricing for gasoline and Avgas products will be quoted on a case by case basis.

All hours worked before 8:00 AM and after 5:00 PM, Monday thru Friday and all of Saturday will be billed at 1.5 time the standard rate

All hours worked on Sundays and Federal Holidays will be billed at 2 times the standard rate.

Sales tax may be added where applicable



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 (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 B
MWBE PARTICIPATION SCHEDULE

ATTACHMENT B - DBE PARTICIPATION SCHEDULE

**Proposal for On Call Environmental Emergency Spill
Orlando International Airport
Orlando, Orange County, Florida
Terracon Proposal No. PH1247823**

Name of Subconsultant	Address	Proposed Scope of Services	FEE	Proposed Participation
Southern Research Labs, Inc.	2251 Lynx Lane, Suite 1, Orlando, FL 32804	Laboratory	\$ 12,500.00	25.0%
Total Proposed Participation			\$ 12,500.00	25.0%

ATTACHMENT C

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: March 22, 2024

Terracon Consultants, Inc. -- Agreement No. 201805-CEE4 Continuing Environmental Engineering Services

Add	Amd	Proj.	Description	PSC/CCM	Board	Exec.	PO#	\$ Amount	Cumul. per Add. \$ Amount
000	000	-	Continuing Environmental Engineering Services	PSC	04/26/18	05/16/18	08/03/18	\$0.00	\$0.00
001	000	V-S00010-MCO	HBJ WAREHOUSE INTERIOR RENOVATIONS (DESIGN/BUILD) Conduct Mold Remediation for V-S00010	CCM	08/14/18	NA	1005817	\$48,003.00	\$48,003.00
002	000	-	Conduct On-Call Indoor Air Quality Related Services and Applicable Remediation Services	CCM	09/25/18	NA	89845	\$60,000.00	\$60,000.00
002	001	-	No Cost Reallocation of Conduct FY19 On-Call Indoor Air Quality Related Services and Applicable Remediation Services	CCM	04/23/19	NA	Amd89845	\$0.00	\$60,000.00
002	002	-	Conduct Additional FY19 On Call Indoor Air Quality Related Services and Applicable Remediation Services	CCM	05/14/19	NA	Amd89845	\$45,000.00	\$105,000.00
003	000	-	FY19 Petroleum Storage Tanks Systems Maintenance and Repair On-Call Services	CCM	09/25/18	NA	89844	\$60,000.00	\$60,000.00
004	000	-	Incorporate Environmental Cleanup sites into DRMP Database Platforms	CCM	12/04/18	NA	90275	\$23,456.00	\$23,456.00
005	000	-	Conduct FY19 Air Permit Compliance Services	CCM	12/04/18	NA	90276	\$44,899.00	\$44,899.00
006	000	-	Perform FY19 Quarterly Maintenance on Grease Traps & Oil Water Separators	CCM	12/04/18	NA	90274	\$82,464.00	\$82,464.00
007	000	-	Conduct FY19 Industrial User Compliance Monitoring Activities	CCM	12/11/18	NA	90279	\$23,720.00	\$23,720.00
008	000	-	Conduct Monitoring Well Abandonment at the GOAa Former Building 441 Pumphouse #2	CCM	01/22/19	NA	1006021	\$6,687.00	\$6,687.00
009	000	-	Conduct 2019 Semi-Annual Monitoring and Reporting of the Cargo Rd. Landfill	CCM	02/12/19	NA	90647	\$57,050.00	\$57,050.00
010	000	BP-00491-MCO	WEST SECURITY SCREENING CHECK POINT EXPANSION - PACKAGE 2 Conduct Asbestos Abatement for BP-491	CCM	05/14/19	NA	1006141	\$61,305.00	\$61,305.00
011	000	-	Conduct FY19 On Call Indoor Air Quality Related Services and Applicable Mold Remediation Services	CCM	05/14/19	NA	90959	\$20,000.00	\$20,000.00
012	000	-	Conduct a Limited Site Investigation (LSI) at the GOAA Motor Pool	CCM	06/18/19	NA	1006172	\$19,060.00	\$19,060.00

013	000	-	Conduct Remedial System Decommissioning	CCM	08/06/19	NA	09/09/19	91366	\$9,469.00	\$9,469.00
013	001	-	No Cost Reallocation to Conduct Remedial System Decommissioning	CCM	01/07/20	NA	02/05/20		\$0.00	\$9,469.00
014	000	-	FY20 On-Call Services for Petroleum Storage Tanks Systems Maintenance and Repair	CCM	09/24/19	NA	10/18/19	91604	\$50,000.00	\$50,000.00
015	000	-	Conduct FY20 Air Permit Compliance Services	CCM	09/24/19	NA	10/18/19	91602	\$23,070.00	\$23,070.00
016	000	-	FY20 Industrial User Compliance Monitoring Activities	CCM	09/24/19	NA	10/18/19	91603	\$23,720.00	\$23,720.00
017	000	-	Perform Quarterly Maintenance on Grease Traps & Oil Water Separators FY20	CCM	09/24/19	NA	10/18/19	91607	\$45,571.00	\$45,571.00
018	000	-	FY20 On-Call Indoor Air Quality Related Services and Applicable Remediation Services	CCM	12/03/19	NA	12/18/19	91934	\$10,000.00	\$10,000.00
019	000	-	Conduct an Asbestos Operation and Maintenance Program Update	CCM	01/07/20	NA	02/05/20	92108	\$12,333.50	\$12,333.50
020	000	-	Conduct 2020 Semi-Annual Monitoring and Reporting of the Cargo Rd. Landfill	CCM	03/24/20	NA	04/24/20	92507	\$28,620.00	\$28,620.00
021	000	-	Conduct a Limited Site Investigation (LSI) at the GOAA Motor Pool	CCM	04/28/20	NA	06/05/20	92541	\$27,256.00	\$27,256.00
021	001	-	No Cost Reallocation to Conduct a Limited Site Investigation (LSI) at the GOAA Motor Pool	CCM	05/25/21	NA	06/08/21		\$0.00	\$27,256.00
022	000	-	Limited Site Investigation at the Former Underground Storage Tank at the Airside 3 Automated Guideway Transit Site	CCM	06/23/20	NA	08/14/20	92616	\$13,244.00	\$13,244.00
023	000	-	2020-2021 On-Call Petroleum Storage Tanks Systems Maintenance and Repair Services	CCM	08/11/20	NA	10/05/20	93069	\$50,000.00	\$50,000.00
024	000	-	Conduct Semi-Annual Monitoring and Reporting of the Cargo Rd. Landfill	CCM	09/22/20	NA	10/05/20	1006587	\$57,050.00	\$57,050.00
025	000	-	FY21 Air Permit Compliance Services	CCM	09/22/20	NA	10/05/20	92926	\$30,173.00	\$30,173.00
026	000	-	FY21 Industrial User Discharge Permit	CCM	09/22/20	NA	10/05/20	92927	\$23,720.00	\$23,720.00
026	001	-	No Cost Reallocation to Provide Additional FY21 Industrial User Discharge Permit	CCM	09/21/21	NA	10/05/21		\$0.00	\$23,720.00
027	000	PR-00034-MCO	PR-00034-MCO WEST CHECKPOINT APM AREA ACM ABATEMENT Asbestos Containing Material (ACM) Abatement at the West Checkpoint Airport People Mover (APM) Area	CCM	10/27/20	11/11/20	11/20/20	1006609	\$324,687.00	\$324,687.00
028	000	-	FY21 Quarterly Maintenance on Grease Traps & Oil Water Separators	CCM	11/17/20	NA	12/21/20	93070	\$72,204.00	\$72,204.00

029	000	-	Conduct Tank Abandonment and Closure Assessment for the Used Oil Underground Storage Tank (UST) at the GOAA Motor Pool	CCM	12/15/20	NA	01/12/21	93137	\$16,983.00	\$16,983.00
029	001	-	Conduct Additional Tank Abandonment and Closure Assessment for the Used Oil Underground Storage Tank (UST) at the GOAA Motor Pool	CCM	02/23/21	NA	03/03/21		\$8,926.00	\$25,909.00
030	000	-	Conduct Well Abandonment Activities at the Former Test Injection Wells Located in the South Terminal Complex Area	CCM	12/15/20	NA	01/12/21	1006635	\$87,701.00	\$87,701.00
030	001	-	Additional Well Abandonment Activities at the Former Test Injection Wells Located in the STC Area	CCM	07/06/21	NA	07/20/21	AMD 1006635	\$8,750.00	\$96,451.00
031	000	-	First Extension	CCM	01/19/21	03/17/21	03/30/21		\$0.00	\$0.00
032	000	-	Conduct FY21 Asbestos Operation and Maintenance Program Update	CCM	02/23/21	NA	03/03/21	93245	\$13,589.50	\$13,589.50
032	001	-	No Cost Reallocation to Perform Additional FY21 Asbestos Operation and Maintenance Program Update	CCM	05/25/21	NA	06/08/21		\$0.00	\$13,589.50
033	000	-	Provide Technical Support and Software Services for a Storage Tank Asset Management Program	CCM	05/25/21	NA	06/08/21	93452	\$25,006.00	\$25,006.00
034	000	-	Natural Attenuation Monitoring (NAM) Activities at the GOAA Motor Pool	CCM	07/27/21	NA	08/03/21	1006776	\$24,191.00	\$24,191.00
035	000	-	Conduct FY22 Air Permit Compliance Services	CCM	09/21/21	NA	10/05/21	94237	\$30,459.00	\$30,459.00
036	000	-	Perform FY22 Quarterly Maintenance on Grease Traps & Oil Water Separators	CCM	09/21/21	NA	10/05/21	94272	\$49,252.00	\$49,252.00
037	000	-	Conduct 2021-2022 Semi-Annual Monitoring and Reporting of the Cargo Rd. Landfill	CCM	10/05/21	NA	10/12/21	1006873	\$44,592.00	\$44,592.00
038	000	-	FY22 Industrial User Discharge Permit	CCM	12/07/21	NA	12/14/21	94263	\$6,758.00	\$6,758.00
038	001	-	Additional FY22 Industrial User Discharge Permit	CCM	05/24/22	NA	06/08/22		\$18,977.00	\$25,735.00
039	000	-	Second and Final Extension	CCM	01/11/22	02/16/22	02/23/22		\$0.00	\$0.00
040	000	-	Conduct FY22 Asbestos Operation and Maintenance Program Update	CCM	02/22/22	NA	03/01/22	94448	\$12,975.75	\$12,975.75
041	000	-	Conduct a Limited Site Assessment at the Midfield Vault	CCM	02/22/22	NA	03/01/22	94440	\$11,999.00	\$11,999.00
042	000	-	Provide FY22 Technical Support and Asset Management Program	CCM	02/22/22	NA	03/01/22	94450	\$24,956.00	\$24,956.00
043	000	-	Asbestos Removal and Demolition Services at 6300 Wetherbee Rd	CCM	07/12/22	NA	07/26/22	94924	\$120,772.00	\$120,772.00
044	000	-	Conduct FY23 Asbestos Operation and Maintenance Program Update	CCM	09/27/22	NA	10/20/22	95223	\$12,975.75	\$12,975.75

045	000	-	Conduct 2022-2023 Semi-Annual Monitoring and Reporting of the Cargo Rd. Landfill	CCM	09/27/22	NA	10/20/22	1007168	\$42,638.00	\$42,638.00
046	000	-	FY23 On Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums	CCM	09/27/22	NA	10/20/22	95224	\$30,000.00	\$30,000.00
047	000	-	FY23 Industrial User Discharge Permit	CCM	09/27/22	NA	10/20/22	95254	\$21,809.00	\$21,809.00
047	001	-	Additional FY23 Industrial User Discharge Permit	PSC	03/28/23	04/19/23	06/07/23		\$30,556.00	\$52,365.00
048	000	-	FY23 On Call Petroleum Storage Tanks Systems Maintenance and Repair Services	CCM	09/27/22	NA	10/20/22	95430	\$50,000.00	\$50,000.00
049	000	-	Perform Quarterly Maintenance on Oil Water Separators FY23	CCM	09/27/22	NA	10/20/22	95366	\$80,240.00	\$80,240.00
050	000	-	Conduct FY23 Air Permit Compliance Services	CCM	10/25/22	NA	11/08/22	95632	\$37,594.00	\$37,594.00
051	000	-	Conduct Asbestos Abatement in Two Locations	CCM	11/15/22	NA	12/07/22	95680	\$37,237.00	\$37,237.00
052	000	-	Provide FY23 Technical Support (including Software Services) and Enhancements of the Asset Compliance Management Program	CCM	12/20/22	NA	02/06/23	95773	\$34,995.00	\$34,995.00
053	000	-	Additional Renewal Option	CCM	03/28/23	04/19/23	06/26/23		\$0.00	\$0.00
054	000	-	Conduct 2023-2034 Semi-Annual Monitoring and Reporting of the Cargo Rd. Landfill	CCM	08/29/23	NA	09/01/23	1007428	\$54,114.00	\$54,114.00
055	000	-	Conduct FY24 Air Permit Compliance Services	PSC	08/29/23	09/27/23	10/11/23	96600	\$37,594.00	\$37,594.00
056	000	-	Conduct FY24 Asbestos Operations and Maintenance Program Update	PSC	08/29/23	09/27/23	10/09/23	96597	\$12,975.75	\$12,975.75
057	000	-	Provide FY24 Technical Support (Including Software Services) and Enhancements of the Asset Compliance Management Program	PSC	08/29/23	09/27/23	10/04/23	96594	\$38,128.00	\$38,128.00
058	000	-	FY24 Services to Comply With the City of Orlando Industrial User Discharge Permit (IUDP)	PSC	08/29/23	09/27/23	10/04/23	96615	\$67,348.00	\$67,348.00
059	000	-	FY24 Oil/Water Separators Quarterly Maintenance and Compliance Pump Outs	PSC	08/29/23	09/27/23	10/04/23	96612	\$78,654.00	\$78,654.00
060	000	-	FY24 On-Call Emergency Spill Response for Petroleum, Chemical and/or Sewer Discharges and Abandoned Drums	PSC	08/29/23	09/27/23	10/26/23	96611	\$25,000.00	\$25,000.00
061	000	-	FY24 On-Call Petroleum Storage Tanks Systems Maintenance and Repair Se	PSC	08/29/23	09/27/23	10/04/23	96633	\$60,000.00	\$60,000.00

Total for Terracon Consultants, Inc. for Agreement No. 201805-CEE4 \$2,610,507.25

Terms of Agreement

Firm	Agreement Execution Date	Original Duration 1st Extension 2nd Extension	Current Expiration Date
Continuing Agreement Consultant - Environmental Engineering			
Terracon Consultants, Inc.	08/03/18	Original Dur: 3 Yrs	12/03/23
		1st Ext Dur: 1 Yrs	
		2nd Exr Dur: 1 Yrs	

Addenda / Amendments in Chronological Order

PSC	Board	Add #	Amd #	\$ Amt	Cumulative
03/28/23	04/19/23	047	001	\$30,556.00	\$30,556.00
08/29/23	09/27/23	055	000	\$37,594.00	\$68,150.00
08/29/23	09/27/23	056	000	\$12,975.75	\$81,125.75
08/29/23	09/27/23	057	000	\$38,128.00	\$119,253.75
08/29/23	09/27/23	058	000	\$67,348.00	\$186,601.75
08/29/23	09/27/23	059	000	\$78,654.00	\$265,255.75
08/29/23	09/27/23	060	000	\$25,000.00	\$290,255.75
08/29/23	09/27/23	061	000	\$60,000.00	\$350,255.75