

**ADDENDUM NO. 25
TO THE AGREEMENT DATED AUGUST 3, 2018
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND TERRACON CONSULTANTS, INC.**

Project: Conduct FY21 Air Permit Compliance Services, Orlando International Airport

THIS ADDENDUM is effective this 22nd day of Sept., 2020, 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 **THIRTY THOUSAND ONE HUNDRED SEVENTY-THREE AND NO/100 DOLLARS (\$30,173.00)**, broken down as follows:

Professional Fees:	NTE:	\$30,173.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$0.00</u>
Total:		\$30,173.00

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.

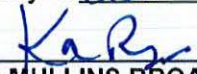
In the event the Agreement is for One Million Dollars (\$1,000,000.00) or more, Authority may terminate this Agreement for cause and without the opportunity to cure if the Consultant is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan 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 5th day of Oct., 2020.

GREATER ORLANDO AVIATION AUTHORITY

By: 
David M. Patterson
Director of Construction

Approved as to Form and Legality
(for the benefit of GOAA only)
this 5 day of oct, 2020
By: 
NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority

TERRACON CONSULTANTS, INC.

By: 
Signature (Duly Authorized Rep.)
Mark Mulligan
Printed Name
Principal
Title



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

Memorandum

To: Members of the Construction Committee

From: Dan Carrington, Environmental Manager

Date: September 22, 2020

Re: Request for Approval of an Addendum to the Continuing Environmental Engineering Services Agreement with Terracon Consultants, Inc. to Conduct FY21 Air Permit Compliance Services at Orlando International Airport.

Consultant's attached proposal, dated August 21, 2020, is to provide the air permit compliance services for FY21 that are required pursuant to Florida Department of Environmental Protection Operating Permit and Air Construction permit. These additional tasks are assigned to Terracon and their sub-consultant, Grove Scientific Engineering (GSE).

If approved, these services would be effective the date of Construction Committee approval.

This continuing consultant was selected for this task based on (all that apply):

- Experience
- Available Personnel
- Current Workload
- Expertise
- Equitable Distribution
- Other: _____

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

Funding is from Operation & Maintenance (301 ⁷¹² ~~741~~ 170 5310010 000 000000). Funding source verified by Andrea Harper of Construction Finance on 9 / 16 / 20 as correct and available.

It is respectfully requested that the Construction Committee approve an Addendum to the Continuing Environmental Engineering Services Agreement with Terracon Consultants, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$30,173.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$0.00
TOTAL	\$30,173.00
Reviewed by RWBC	<i>JSS</i>

Req 87426



August 21, 2020

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

Attention: Mr. Dan Carrington
Telephone: 407-825-3463
Fax: 407-825-4050
Email: dcarrington@goaa.org

**Proposal for FY21 Air Permit Compliance Services
Orlando International Airport
Orlando, Orange County, Florida
Terracon Proposal No. PH1207524**

Dear Mr. Carrington:

In accordance with your request, Terracon Consultants, Inc. (Terracon) is pleased to present for your review and consideration our proposal to conduct air permit compliance services for the Fiscal Year 2021 (FY21). In order to ensure Greater Orlando Aviation Authority's (GOAA) compliance with the requirements of Florida Department of Environmental Protection (FDEP) Operating Permit No. 0950184-017-AO, Terracon's sub consultant Grove Scientific and Engineering Company (GSE) recommends the below generally outlined scope of services.

1.0 SCOPE OF SERVICES

The following tasks are to perform monthly record keeping and prepare an air pollution operating permit analysis to confirm that air permit exemption criteria are being satisfied

Task 1 - Monthly record keeping

- Obtain fuel usage and hourly run time data on engines from client
- Enter data in monthly record keeping program that complies with air permit requirements and review data
- Submit monthly file electronically to client
- Update monthly using data provided by client

Task 2 - Prepare an air pollution operating permit exemption analysis

- Comprehensive review of current and historical diesel fuel usage.
- Confirm GOAA continues to remain under the air permit exemption threshold for both natural gas and facility-wide diesel usage on a monthly basis.
- Facilitate interface interface with GOAA and regulatory staff to confirm the status of exemption and continued compliance.
- Respond to requests for additional information.

Terracon Consultants, Inc. 1675 Lee Road Winter Park, FL 32789
P [407] 740 6110 F [407] 740 6112 terracon.com

Environmental



Facilities



Geotechnical



Materials

Terracon Professional Services includes project management and review of all documentation, and administrative services.

2.0 SCHEDULE AND COMPENSATION

Terracon is prepared to implement the above generally outlined scope of services immediately upon your notice to proceed. Our estimated cost to complete the project is a not to exceed amount of **\$30,173.00**, consisting of \$0.00 in Reimbursable Expenses and \$30,173.00 in Professional Service Fees. A breakdown of these costs including a summary of the DBE participation may be found on **Attachments A and B**, respectively.

3.0 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.

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.
Environmental Department Manager

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: September 10, 2020

ATTACHMENT A
ESTIMATED COSTS

ATTACHMENT A - ESTIMATED COSTS
AIR PERMIT COMPLIANCE SERVICES
ORLANDO INTERNATIONAL AIRPORT
ORLANDO, ORANGE COUNTY, FLORIDA
TERRACON PROPOSAL NO. PH1207524
August 21, 2020

DESCRIPTION	QTY.	RATE	UNIT	AMOUNT
I. GSE SCOPE OF SERVICES				
Task 1 - Monthly recordkeeping				
Senior a. GSE Environmental Scientist	252	\$71.00	Per Hour	\$17,892.00
b. GSE Principal	18	\$134.00	Per Hour	<u>\$2,412.00</u>
			Subtotal GSE Costs	\$20,304.00
Task 2 - Prepare an air pollution operating permit exemption analysis				
Senior a. GSE Environmental Scientist	25	\$71.00	Per Hour	\$1,775.00
b. GSE Principal	12	\$134.00	Per Hour	<u>\$1,608.00</u>
			Subtotal GSE Costs	\$3,383.00
II. TERRACON - PROFESSIONAL SERVICES				
a. Senior Engineer	6	\$143.00	Per Hour	\$858.00
b. Senior Project Manager	24	\$169.00	Per Hour	\$4,056.00
c. Senior Environmental Techniciar	16	\$75.00	Per Hour	\$1,200.00
d. Wordprocessing/Clerical	6	\$62.00	Per Hour	<u>\$372.00</u>
			Subtotal Terracon Costs	\$6,486.00
TOTAL ESTIMATED PROJECT COSTS				<u>\$30,173.00</u>
Total Professional Service Fee				\$30,173.00
Total reimbursable Fee				\$0.00

Grove Scientific & Engineering (GSE) working as a subcontractor to Terracon

ATTACHMENT B
MWBE PARTICIPATION SCHEDULE

ATTACHMENT B
TABLE C-7a DBE PARTICIPATION SCHEDULE

AIR PERMIT COMPLIANCE SERVICES
TERRACON PROPOSAL NO. PH1197605
Orlando International Airport
Orlando, Orange County, Florida

Name of Subconsultant	Address	Proposed Scope of Services	FEE	Proposed Participation
Grove Scientific & Engineering	6140 Edgewater Drive, Suite F, Orlando, Florida 32810	Consulting-Air Permit Compliance	\$23,687.00	78.50%
Total Proposed Participation			\$23,687.00	78.50%

August 19, 2020



Lydia Wing
Terracon
1675 Lee Road
Winter Park, FL 32789

RE: Proposal for Permitting Compliance and Monthly Records

Dear Lydia:

Grove Scientific & Engineering Company (GSE) has prepared this proposal to provide services and support to your company's ongoing engineering services contract for the Greater Orlando Aviation Authority (GOAA).

Tasks 1 through 8 were from previous years. This proposal has been amended to reflect Task 1 and Task 2 for this period.

SCOPE OF SERVICES

Task 1 for this period

Task 9 – Monthly record keeping

We propose to:

- Obtain fuel usage and hourly run time data on engines from client
- Enter data in monthly record keeping program that complies with air permit requirements and review data
- Submit monthly file electronically to client
- Update monthly using data provided by client

Cost Task 9 1 Senior

252 hours Environmental Scientist @ \$71.00/hr = \$17,892.00

18 hours Principal @ \$134.00/hr = \$2,412.00

Total cost = \$20,304.00

Task 2 for this period

Task 10 - Prepare an air pollution operating permit analysis to confirm GOAA continues to meet air permit exemption criteria.

6140 EDGEWATER DRIVE • SUITE F • ORLANDO, FLORIDA 32810-4810
PHONE (407)298-2282

We propose to;

- Comprehensive review of current and historical diesel fuel usage.
- Confirm GOAA continues to remain under the air permit exemption threshold for both natural gas and facility-wide diesel usage on a monthly basis.
- Interact with GOAA to confirm status of exemption.

Cost Task ~~10~~ 2 Senior

25 hours Environmental Scientist @ \$71.00/hr = \$1,775.00

12 hours Principal @ \$134.00/hr = \$1,608.00

Total Fixed Cost = \$3,383.00

The project costs are summarized below:

9 1	Env. Scientist	252	71.00	17,892.00
	Principal	18	134.00	2,412.00
	Subtotal			20,304.00
10 2	Env. Scientist	25	71.00	1,775.00
	Principal	12	134.00	1,608.00
	Subtotal			3,383.00

Please let us know if we can provide any additional information for you regarding this proposal.

Sincerely,
Grove Scientific & Engineering Company



Sara Greivell,
President



GREATER ORLANDO AVIATION AUTHORITY

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

MEMORANDUM

To: Members of the Construction Committee

From: Somdat Jiawan, Manager, Small Business Programs (sj)

Date: September 22, 2020

Re: Request for Approval of an Addendum to the Continuing Environmental Engineering Services Agreement with Terracon Consultants, Inc. to Conduct FY21 Air Permit Compliance Services 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 78.5% 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) 825-3481

Address: One Jeff Fuqua Boulevard, Orlando, FL 32827

Project Name & Number: Request for Approval of an Addendum to the Continuing Environmental Engineering Services Agreement with Terracon Consultants, Inc. to Conduct FY21 Air Permit Compliance Services 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 Goal	_____	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: \$30,173.00

5. 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	<u>23,687.00</u>	Actual Result	<u>78.5%</u>
Native American	_____	Actual Result	_____
Other	_____	Actual Result	_____
Total MWBE Goal	<u>23,687.00</u>	Actual Result	<u>78.5%</u>

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: Grove Scientific & Engineering
 Address: 6140 Edgewater Drive, Suite F
 City, State, Zip: Orlando, Florida 32810
 Telephone: 407-298-2282

6.c. *Identity:

Work Item(s): Consulting-Air Permit Compliance
 Amount of Subcontract \$23,687.00
 Percent of Prime Contract (%): 78.5%

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

Signature: S. Jiawan Date: 09/22/20

Somdat Jiawan, Manager, Small Business Programs (sj)

* 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)

analyses and reporting activities at Cargo Rd. Landfill at the Orlando International Airport.

The Office of Small Business Development has reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Terracon Consultants, Inc. proposes 17.8% MWBE participation on this Addendum.

Upon motion of Ms. Sharman, second by Mr. Callum, vote carried by roll-call with all votes yea, to approve an Addendum to the Continuing Environmental Engineering Services Agreement with Terracon Consultants, Inc. to conduct Semi-Annual Monitoring and reporting of the Cargo Rd. Landfill, for a total amount of \$57,050.00, which includes the not-to-exceed fee amount of \$41,220.00, and the not-to-exceed expense amount of \$15,830.00, with funding from Orlando International Airport Environmental Liability.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ENVIRONMENTAL ENGINEERING SERVICES AGREEMENT WITH TERRACON CONSULTANTS, INC. TO CONDUCT FY21 AIR PERMIT COMPLIANCE SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

14. Mr. Carrington presented the memorandum, dated September 22, 2020, along with a proposal from Terracon Consultants, Inc., dated August 21, 2020, to Conduct FY21 Air Permit Compliance Services, at the Orlando International Airport. The scope is to provide the air permit compliance services for FY21 that are required pursuant to Florida Department of Environmental Protection Operating Permit and Air Construction permit. These additional tasks are assigned to Terracon and their sub-consultant, Grove Scientific Engineering (GSE).

If approved, these services would be effective the date of Construction Committee approval.

The Office of Small Business Development has reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Terracon Consultants, Inc. proposes 78.5% MWBE participation on this Addendum.

Upon motion of Ms. Schneider, second by Mr. Callum, vote carried by roll-call with all votes yea, to approve an Addendum to the Continuing Environmental Engineering Services Agreement with Terracon Consultants, Inc. to Conduct FY21 Air Permit Compliance Services, for a total not-to-exceed fee amount of \$30,173.00, with funding from Operation and Maintenance Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ENVIRONMENTAL ENGINEERING SERVICES AGREEMENT WITH TERRACON CONSULTANTS, INC. FOR FY 2021 INDUSTRIAL USER DISCHARGE PERMIT, AT THE ORLANDO INTERNATIONAL AIRPORT.

15. Mr. Carrington presented the memorandum, dated September 22, 2020, along with a proposal from Terracon Consultants, Inc., dated August 24, 2020, for FY 2021 Industrial User Discharge Permit, at the Orlando International Airport. The scope is for the FY21 Industrial User Discharge Permit (CO106TA) at Orlando International Airport. This permit requires that GOAA monitors (samples) the sanity sewer at three locations on a semi-annual basis.

If approved these services would be effective October 1, 2020.

The Office of Small Business Development has reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that Terracon Consultants, Inc. proposes 2.4% MWBE participation on this Addendum.

Upon motion of Mr. Callum, second by Mr. Hunt, vote carried by roll-call with all votes yea, to approve an Addendum to the Continuing Environmental Engineering Services Agreement with Terracon Consultants, Inc. for FY 2021 Industrial User Discharge Permit, for the total amount of \$23,720.00, which includes the not-to-