

**ADDENDUM NO. 24
TO THE AGREEMENT DATED JUNE 15, 2018
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND MSE GROUP, LLC**

Project: Perform Evacuation and Restoration of Future Aircraft Maintenance Site,
Orlando International Airport

THIS ADDENDUM is effective this 19th day of January, 2022, by
and between the **GREATER ORLANDO AVIATION AUTHORITY** ("Authority"), and **MSE
GROUP, LLC** ("Consultant").

WITNESSETH:

WHEREAS, by Agreement dated June 15, 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 **SIX HUNDRED THIRTY-SEVEN THOUSAND NINE HUNDRED AND 68/100 DOLLARS (\$637,900.68)**, broken down as follows:

Professional Fees:	NTE:	\$174,096.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$463,804.68</u>
Total:		\$637,900.68

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 June 15, 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 26 day of January, 2022.

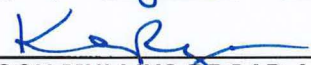
GREATER ORLANDO AVIATION AUTHORITY

By: 

Thomas W. Draper
Acting Chief Executive Officer

Approved as to Form and Legality
(for the benefit of GOAA only)

this 25 day of Jan, 2022

By: 

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

MSE GROUP, LLC

By: 

Signature (Duly Authorized Rep.)

Chris Parent

Printed Name

Vice President

Title

**Handout****12/7/2021****Item 15****Revised Memo**

Memorandum

To: Members of the Construction Committee**From: Dan Carrington Environmental Manager****Date: December 7, 2021****Re: Request for Recommendation of Approval of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with MSE Group, LLC to perform Excavation and Restoration of Future Aircraft Maintenance Site at the Orlando International Airport**

Consultant's proposal, dated May 13, 2021 (revised September 20, 2021), is to perform excavation and restoration to the future Frontier Airlines site located at the North Cargo Ramp. Soil impacts from benzo(a)pyrene and related polycyclic aromatic hydrocarbons have exceeded regulatory cleanup levels and need to be remediated in order to proceed with development.

If approved, these services would be effective the date of Aviation Authority Board 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 previously approved Capital Expenditure (308 711 1705310010 000 501159).
Funding source verified by _____ of Construction Finance on
____/____/____ as correct and available.

It is respectfully requested that the Construction Committee recommend to the Aviation Authority Board approval of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with MSE Group, LLC for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$174,096.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$463,804.68
TOTAL	\$637,900.68

AAC – Compliance Review Date	
AAC – Funding Eligibility Review Date (or indicate Not Applicable)	



Information Item
Original CCM
12/7/2021
Item 15
Revised Backup

ECOLOGICAL | ENVIRONMENTAL | ENGINEERING

May 13, 2021
(Revised December 6, 2021)

Electronic Mail Delivery Only
dcarrington@goaa.org

Mr. Dan Carrington
Greater Orlando Aviation Authority
5855 Cargo Road
Orlando, Florida 32827

RE: Excavation and Restoration Cost Estimate
Future Aircraft Maintenance Facility
Greater Orlando Aviation Authority - Orlando International Airport

Dear Mr. Carrington:

MSE Group, LLC (MSE) is pleased to present the following cost estimate for the excavation and restoration of impacted areas at the Greater Orlando Aviation Authority (GOAA) future aircraft maintenance site located at the Orlando International Airport (OIA) in Orlando, Florida. Site investigations are being conducted under MSE's Agreement for Continuing Environmental Engineering Consulting Services dated June 15, 2018.

Background

Soil impacts from benzo(a)pyrene (BaP) and related polycyclic aromatic hydrocarbons (PAHs) exceeding regulatory cleanup target levels (CTLs) have been documented in the unpaved, former equipment staging area located south of the North Cargo Ramp (aka, NWTSA Ramp). Based on broad soil sampling and groundwater sampling performed to date, the impacts appear to be confined to soil and extend from ground surface to depths ranging from 0.5 – 6 feet (ft) below ground surface (bgs). The attached **Figures 1 & 2** illustrate the areas that have been investigated and the areas requiring excavation to varying depths. The water table occurs at a depth of approximately 6 ft bgs.

Based on proposed site development plans provided by GOAA, MSE understands that Frontier Airlines (Frontier) plans to expand the NWTSA Ramp south into the former staging area where the BaP/PAH soil impacts have been documented. As part of their landside lease, Frontier also plans to construct a stormwater detention pond in the area shaded green on Figures 1 & 2. Soil samples collected from the proposed pond area indicate a relatively small area of BaP/PAH soil impacts that appear to be confined to the upper 0.5 ft bgs.



Cost Estimate

Using analytical data collected to date, MSE has approximated the extents of soil impacts in the proposed ramp expansion and pond areas. The total area impacted is approximately 38,250 square feet and the total volume of impacted soil is about 6,330 cubic yards.

The cost breakdown for work associated with excavation and disposal of the impacted soil is provided as **Attachment B**. The cost breakdown for work associated with site restoration (backfilling to original grade, soil compaction, and sodding) is provided as **Attachment C**. Cost estimates include task coordination and reporting. The following table provides a summary of the estimated time and materials costs:

T&M Cost Summary	
PAH-Impacted Soil Excavation and Disposal	\$ 449,007.75
Site Restoration	\$188,892.93
Total	\$ 637,900.68

Closure

We appreciate the opportunity to be of continued service to GOAA. If you have any questions or require additional information, please contact Jim Cotton at 407.304.9568 or jcotton@msegroupp.com.

Very truly yours,

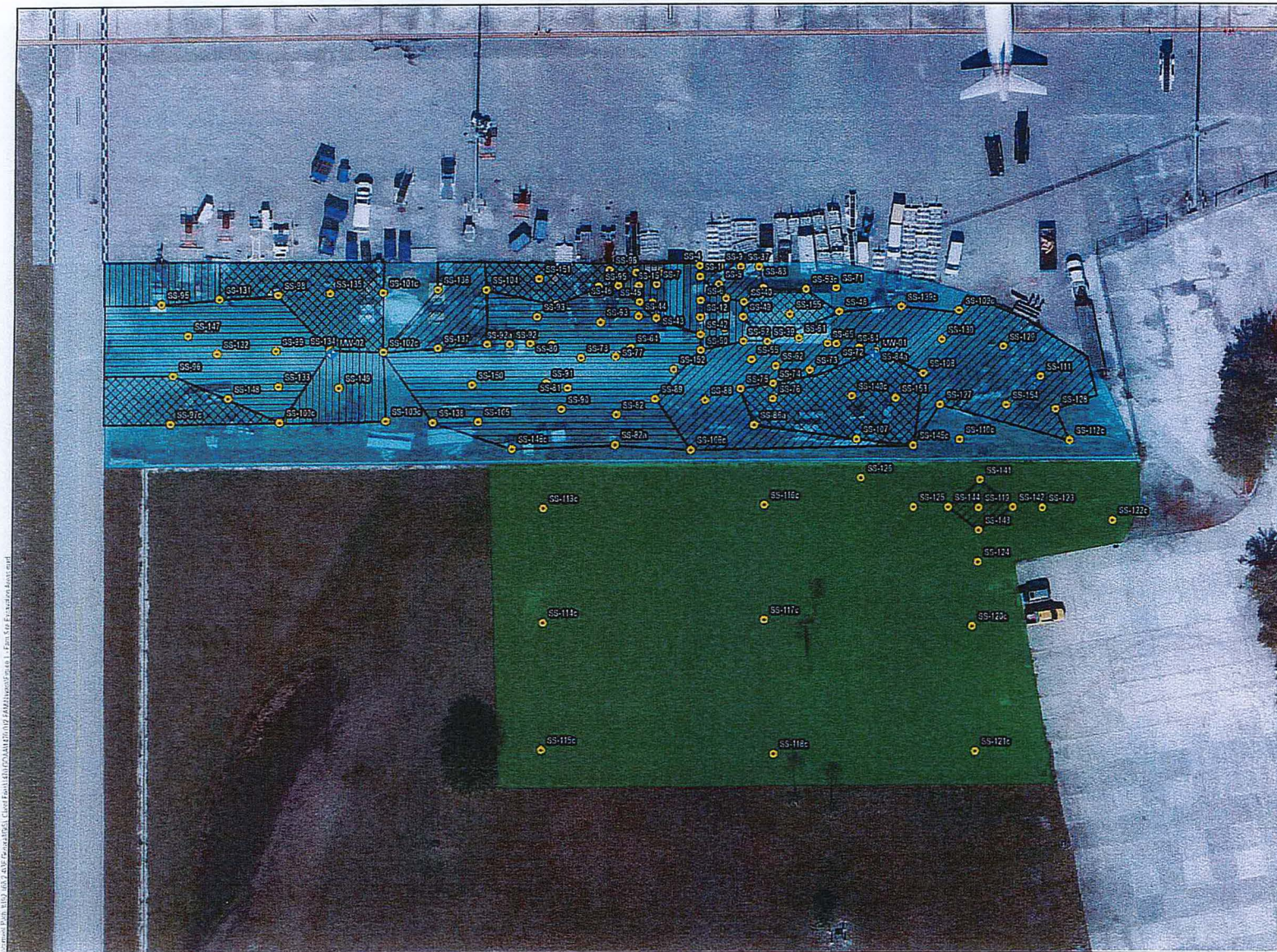
MSE Group, LLC

James E. Cotton, PG
Contract Manager

Ashley G. Signorelli, PE
Associate

Attachments:

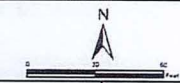
- Attachment A – Figure 1 – Sample Locations and Excavation Areas; Figure 2 – Excavation Plan
- Attachment B – Cost Breakdown: Excavation and Disposal
- Attachment C – Cost Breakdown: Site Restoration



Legend

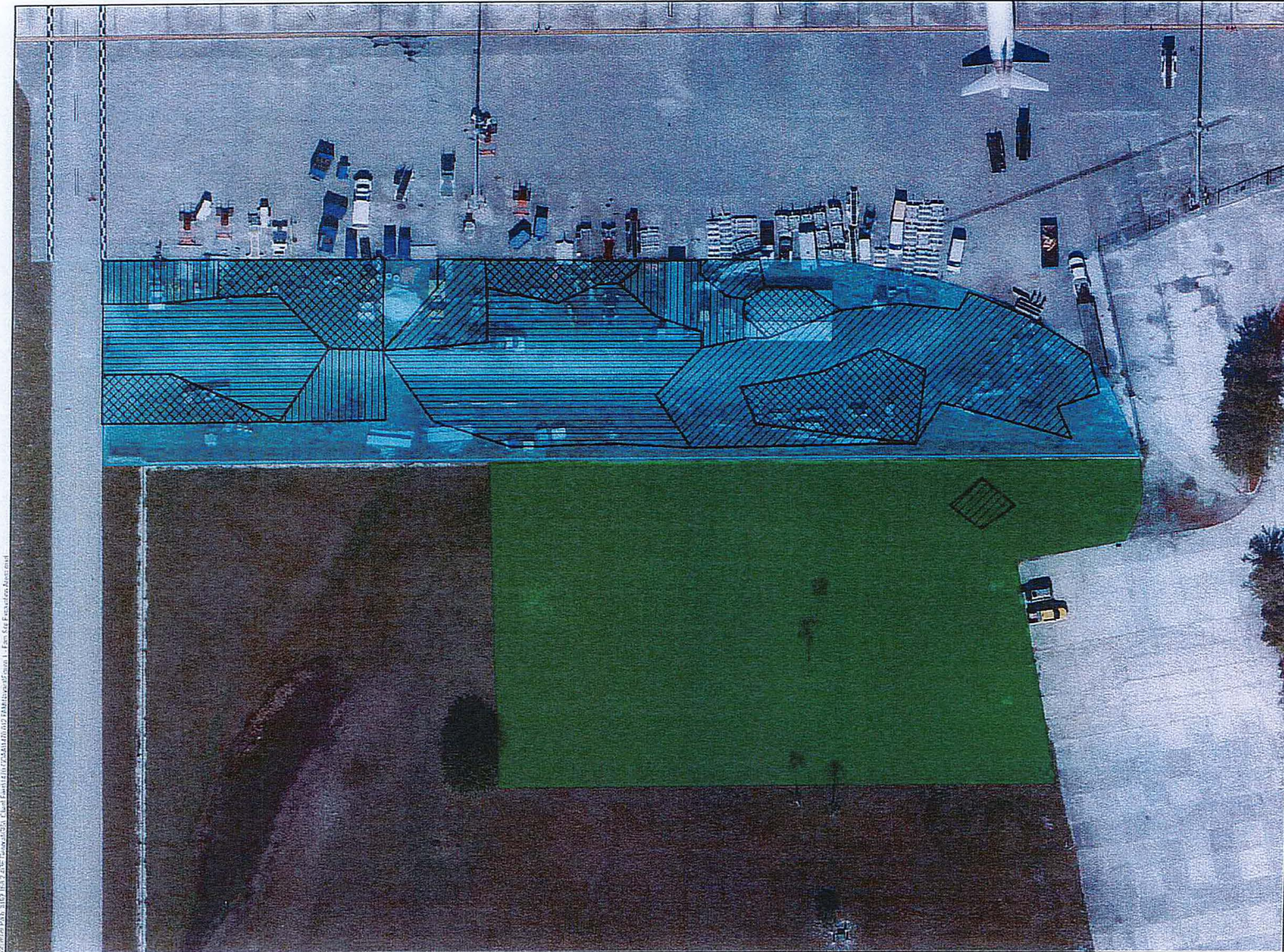
- Soil Sample Location
- ◆ Monitoring Well
- Ramp Expansion Area
- Stormwater Pond Area
- ▨ Estimated Extent of Soil Impacts (0'-0.5')
- ▩ Estimated Extent of Soil Impacts (0'-2')
- Estimated Extent of Soil Impacts (0'-4')
- ▬ Estimated Extent of Soil Impacts (0'-6')

Sample Locations and Excavation Areas
 Future Aircraft Maintenance Facility
 Greater Orlando Aviation Authority



DRN: NJ	APR: JC
DATE: 05.07.2021	PRN: 1470.012

Figure No. 1



Legend

-  Ramp Expansion Area
-  Stormwater Pond Area
-  Estimated Extent of Soil Impacts (0'-0.5')
-  Estimated Extent of Soil Impacts (0'-2')
-  Estimated Extent of Soil Impacts (0'-4')
-  Estimated Extent of Soil Impacts (0'-6')

Excavation Plan
 Future Aircraft Maintenance Facility
 Greater Orlando Aviation Authority



DRN: NJ	APR: JC
DATE: 05.07.2021	PRN: 1470.012
Figure No. 2	

Document Path: \\GAA\GIS\Projects\1470\1470_012_Future Aircraft Maintenance Facility\Map_Series_1_Figure_02_Excavation_Area.mxd

Cost Estimate PAH Excavation and Disposal: Future Aircraft Maintenance (FAM) Site Greater Orlando Aviation Authority Continuing Environmental Engineering Consulting Services - June 15, 2018 December 6, 2021				
ITEM	RATE	UNIT	Number of Units	Total
MSE PERSONNEL LABOR				
Principal Engineer/Scientist	\$231.00	Hour	0	\$0.00
Associate Engineer/Scientist	\$178.00	Hour	0	\$0.00
Senior II Professional	\$150.00	Hour	8	\$1,200.00
Senior I Professional	\$126.00	Hour	120	\$15,120.00
Project II Professional	\$113.00	Hour	0	\$0.00
Project I Professional	\$99.00	Hour	294	\$29,106.00
Document Control	\$92.00	Hour	10	\$920.00
Staff II Professional	\$84.00	Hour	0	\$0.00
Senior Technician	\$76.00	Hour	500	\$38,000.00
Staff I Professional	\$70.00	Hour	123	\$8,610.00
Technician	\$58.00	Hour	484	\$28,072.00
Admin/Clerical	\$51.00	Hour	0	\$0.00
MSE MATERIALS AND EXPENSES				
Level D PPE (Hard Hat, Work Gloves, Boots, Cotton Clothes, Safety Glasses)	\$25.00	Per Man/Day	72	\$1,800.00
Crew Truck	\$130.00	Day	26	\$3,380.00
Fuel	\$200.00	Day	18	\$3,600.00
Silt Fencing	\$250.00	LS	1	\$250.00
Construction Fencing	\$250.00	LS	1	\$250.00
Disposable Gloves (Latex)	\$25.00	Box	5	\$125.00
Misc. Tools and Equipment	\$50.00	Day	18	\$900.00
MISCELLANEOUS EQUIPMENT/EXPENDABLES				
Caution Tape (1000')	\$32.00	Roll	5	\$160.00
Industrial Debris Bags (42 Gallon)	\$35.00	Box	1	\$35.00
Polyethylene Sheeting (20' X 100' 6 mil)	\$167.00	Roll	4	\$668.00
Trimble Geo7X w/ Terrasync and Rangefinder (GPS)	\$150.00	Day	3	\$450.00
MOT / Barricades	\$5,000.00	LS	1	\$5,000.00
UTILITY LOCATE - GPRS				
Subsurface Utility Designation (EM and GPR)	\$1,800.00	Day	1	\$1,800.00
EQUIPMENT RENTAL - EQUIPMENT SHARE.COM				
Mobilization/Demobilization	\$250.00	Each	2	\$500.00
Loader	\$3,450.00	Month	1	\$3,450.00
Excavator	\$3,875.00	Month	1	\$3,875.00
Skid Steer	\$2,450.00	Month	1	\$2,450.00
Fork/Grapple Bucket Attachment	\$600.00	Month	1	\$600.00
Sweeper Attachment	\$750.00	Month	1	\$750.00
SOIL TRANSPORTATION & DISPOSAL - Star Trucking and Waste Connections				
Soil Transportation to Landfill	\$14.50	Ton	8229	\$119,320.50
Demurrage for Truck Standby	\$75.00	Hour	50	\$3,750.00
BaP Equivalent >0.1 mg/kg depth interval 0-0.5' (11467 ft2 / 290 CY)	\$21.25	Ton	386	\$8,202.50
BaP Equivalent >0.1 mg/kg depth interval 0-2' (8938 ft2 / 930 CY)	\$21.25	Ton	1205	\$25,606.25
BaP Equivalent >0.1 mg/kg depth interval 0-4' (4309 ft2 / 890 CY)	\$21.25	Ton	1162	\$24,692.50
BaP Equivalent >0.1 mg/kg depth interval 0-6' (13539 ft2 / 4200 CY)	\$21.25	Ton	5476	\$116,365.00
MSE NTE Labor Fees	\$121,028.00	27%		
MSE NTE Expenses	\$16,618.00	4%		
NTE Subcontractor Expenses	\$311,361.75			
GPRS	\$1,800.00	0%		
Equipment Share	\$11,625.00	3%		
Star Trucking (W/MBE)	\$123,070.50	27%		
Waste Connections	\$174,866.25	39%		
Total NTE Amount	\$449,007.75			
The above referenced fees and expenses are estimated. The actual fees and expenses will vary based on scope of work performed.				

Cost Estimate
Site Restoration: Future Aircraft Maintenance (FAM)
Greater Orlando Aviation Authority

Continuing Environmental Engineering Consulting Services - June 15, 2018

December 6, 2021

ITEM	RATE	UNIT	Number of Units	Total
MSE PERSONNEL LABOR				
Principal Engineer/Scientist	\$231.00	Hour	0	\$0.00
Associate Engineer/Scientist	\$178.00	Hour	0	\$0.00
Senior II Professional	\$150.00	Hour	8	\$1,200.00
Senior I Professional	\$126.00	Hour	33	\$4,158.00
Project II Professional	\$113.00	Hour	0	\$0.00
Project I Professional	\$99.00	Hour	152	\$15,048.00
Document Control	\$92.00	Hour	0	\$0.00
Staff II Professional	\$84.00	Hour	0	\$0.00
Senior Technician	\$76.00	Hour	196	\$14,896.00
Staff I Professional	\$70.00	Hour	34	\$2,380.00
Technician	\$58.00	Hour	260	\$15,080.00
Admin/Clerical	\$51.00	Hour	6	\$306.00
MSE MATERIALS AND EXPENSES				
Level D PPE (Hard Hat, Work Gloves, Boots, Cotton Clothes, Safety Glasses)	\$25.00	Per Man/Day	60	\$1,500.00
Crew Truck	\$130.00	Day	15	\$1,950.00
Fuel	\$200.00	Day	15	\$3,000.00
Proctor and Compaction Testing (backfill)	\$2,500.00	LS	2	\$5,000.00
EQUIPMENT RENTAL - EQUIPMENT SHARE.COM				
Mobilization/Demobilization	\$250.00	Each	2	\$500.00
Skid Steer	\$1,050.00	week	2	\$2,100.00
Fork/Grapple Attachment	\$300.00	week	2	\$600.00
Sweeper Attachment	\$375.00	week	2	\$750.00
Portable Toilet	\$110.00	LS	1	\$110.00
56" SINGLE DRUM 7-8 TON ROLLER	\$850.00	week	2	\$1,700.00
PLATE COMPACTOR-REV-5000-7000 LB (WACKER 2540)	\$150.00	week	2	\$300.00
BACKFILL - STAR TRUCKING AND CONSTRUCTION				
Backfill (includes transportation)	\$14.36	CY	6330	\$90,898.80
UNIVERSAL ENGINEERING				
Proctor and Field Compaction Testing (backfill)	\$2,442.00	LS	1	\$2,442.00
SOD - LAKE JEM FARMS				
Sod (Bahia - including installation and delivery)	\$0.39	Sq ft	38250	\$14,917.50
Sod Maintenance (watering to establish new sod, if needed)	\$6,581.63	Unit	1	\$6,581.63
ANALYTICAL SERVICES (Backfill Testing) - SOUTHERN RESEARCH LABORATORIES				
Unknown Contaminants (8260,8270,8081/8082/FL-PRO, As, Cd, Cr, Pb)	\$695.00	Each	5	\$3,475.00
MSE NTE Labor Fees	\$53,068.00	28%		
MSE NTE Expenses	\$11,450.00	6%		
NTE Subcontractor Expenses	\$124,374.93			
Equipment Share.com	\$6,060.00	3%		
Star Trucking (W/MBE)	\$90,898.80	48%		
Universal Engineering	\$2,442.00	1%		
Lake Jem Farms	\$21,499.13	11%		
Southern Research Labs	\$3,475.00	2%		
Total NTE Amount	\$188,892.93			

The above referenced fees and expenses are estimated. The actual fees and expenses will vary based on work performed.

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 MSE Group LLC

By: James G. Cotton

Print Name: James Cotton

Date: December 6, 2021

Table 1

EQUIPMENT RENTAL QUOTE

Company Name:	MSE Group
Contact Name:	Kenny Towns
Address:	
Phone:	
Fax:	
Email:	



SALESMAN -Beau Pipkins

4840 Geminus Drive Chattanooga, TN 37416

Phone - (423) 551-0164

Email - beau.pipkins@equipmentsshare.com

Jobsite Name:	
Jobsite Address:	

RENTAL LENGTH

	Equipment Description	RATES			Rental Period Cost
		DAY (24hrs)	WEEK (7 Days)	MONTH (28 Days)	
Quantity:	1 Excavator (25,000-34,999 lbs)	\$575.00	\$1,650.00	\$3,875.00	
	1 Excavator (45,000-55,000 lbs)	\$695.00	\$1,895.00	\$4,650.00	
	1 Excavator (80,000-85,000 lbs)	\$995.00	\$2,850.00	\$7,500.00	
	1 Excavator (45,000-55,000 lbs) with breaker	\$1,375.00	\$3,850.00	\$8,500.00	
	1 Mini Excavator (10,000-14,000 lbs)	\$295.00	\$800.00	\$1,650.00	
	1 3.yd wheel loader	\$575.00	\$1,500.00	\$3,450.00	
	1 Track skid steer	\$425.00	\$1,050.00	\$2,450.00	
	1 Skid steer grapple bucket	\$125.00	\$300.00	\$600.00	
	1 Skid steer sweeper attachment	\$150.00	\$375.00	\$750.00	
	1 Skid steer trencher attachment	\$150.00	\$375.00	\$750.00	
	1 Skid steer breaker (500 lbs)	\$195.00	\$450.00	\$900.00	
	1 Single drum roller 48"	\$295.00	\$800.00	\$1,650.00	
	1 Single drum roller 56"	\$315.00	\$850.00	\$1,825.00	
	1 14" hand held cut off saw	\$50.00	\$150.00	\$300.00	
	1 Water truck (2000 gallons)	\$375.00	\$995.00	\$2,695.00	
	1 Water trailer (500 gallon)	\$115.00	\$300.00	\$600.00	
	1 Light tower	\$99.00	\$279.00	\$469.00	
	1 5k industrial forklift	\$196.00	\$462.00	\$960.00	
	1 6k reach telehandler	\$349.00	\$797.00	\$1,704.00	
	1 8k reach telehandler	\$395.00	\$950.00	\$1,975.00	
	1 26' scissor	\$118.00	\$275.00	\$547.00	
	1 45 art. boom	\$342.00	\$814.00	\$1,532.00	
	1 20kW generator	\$155.00	\$455.00	\$1,125.00	
				Rental Total	
				Damage Waiver @ 12%	\$0.00
				Delivery Fee	\$0.00
				Pick Up Fee	\$0.00
				Environmental Fee (1.9% of Rental)	\$0.00
				Sub Total	\$0.00
				Sales Tax 9%	\$0.00
				Grand Total	\$0.00

Southern Research Laboratories, Inc.

2251 Lynx Lane, Suite 1
Orlando, Florida 32804
(407) 522-7100 Fax: (407) 522-7043

Estimate

DATE	ESTIMATE NO.
12/2/2021	1255

Estimate for:

MSE Group
5858 S Semoran Blvd
Orlando, FL 32822

Phone: 407.629.8180**Fax: NA**

CONTACT: Jim Cotton			
PROJECT: GOAA FAM Excavation & Restoration			
QTY	DESCRIPTION	COST	TOTAL
5	62-780Table D-Soils(8260/8270/,As,Cd,Cr,Pb,FLPRO/8081+8082) in Soil and Sediment	695.00	3,475.00
5	Polynuclear Aromatic Hydrocarbons in Soil and Waste by GC-MS (3550/8270C-SIM)	100.00	500.00
		TOTAL	\$3,975.00

From: [Ryan McKay](#)
To: [Jim Cotton](#)
Subject: FW: Proctor Testing Quote
Date: Thursday, May 13, 2021 1:19:44 PM
Attachments: [image002.png](#)
[image003.png](#)

	Quantity	Days	Cost Per	Total
Initial Proctor	1	1	\$ 120.00	\$ 120.00
Density Testing	15	7	\$ 20.00	\$ 2,100.00
			Sub Total	\$ 2,220.00
			10% service	\$ 222.00
			Total	\$ 2,442.00

is above. I spoke with Lake Jem, they need to verify the rates and will call back shortly.

From: Steve Sarcevic <ssarcevic@universalengineering.com>
Sent: Thursday, May 13, 2021 1:15 PM
To: Ryan McKay <rmckay@msegroupp.com>
Subject: RE: Proctor Testing Quote

[EXTERNAL SENDER]

Ryan, that looks good to me.

Thank you,
Steve Sarcevic
Senior Estimator
Construction Services Department
Cell: (407) 750-0891
E-mail: ssarcevic@universalengineering.com
Website: www.universalengineering.com



UNIVERSAL ENGINEERING SCIENCES, INC.
3532 Maggie Blvd. | Orlando, FL 32811
Tel: (407) 423-0504 | Fax: (407) 423-3106

From: Ryan McKay [<mailto:rmckay@msegroupp.com>]
Sent: Thursday, May 13, 2021 1:10 PM
To: Steve Sarcevic <ssarcevic@universalengineering.com>
Subject: RE: Proctor Testing Quote

Thanks Steve,

I put the rates into a spreadsheet to get a total. We would like to perform up to 15 tests daily. Can you verify the rates/total below is correct?

	Quantity	Days	Cost Per	Total
Initial Proctor	1	1	\$ 120.00	\$ 120.00
Density Testing	15	7	\$ 20.00	\$ 2,100.00
			Sub Total	\$ 2,220.00
			10% service	\$ 222.00
			Total	\$ 2,442.00

Thanks,
Ryan

Ryan McKay
Staff Geologist II



MSE Group, LLC. | A Montrose Environmental Group Company
5858 South Semoran Blvd., Orlando, FL 32822
Office 855.629.8180 x153 | Mobile 714.614.4144
rmckay@msegroup.com | www.MSEGroup.com

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From: Steve Sarcevic <ssarcevic@universalengineering.com>
Sent: Thursday, May 13, 2021 12:26 PM
To: Ryan McKay <rmckay@msegroup.com>
Subject: RE: Proctor Testing Quote

[EXTERNAL SENDER]

Good afternoon Ryan. For the proctor we also run a -200 sieve analysis. The two combined are \$120 per test. For density testing, they are \$20/test with a 5 test minimum per site visit. We also charge for engineering and administrative services which will be 10% of the invoice total.

Thank you,
Steve Sarcevic
Senior Estimator
Construction Services Department

Cell: (407) 750-0891

E-mail: ssarcevic@universalengineering.com

Website: www.universalengineering.com



UNIVERSAL ENGINEERING SCIENCES, INC.

3532 Maggie Blvd. | Orlando, FL 32811

Tel: (407) 423-0504 | Fax: (407) 423-3106

From: Ryan McKay [<mailto:rmckay@msegroup.com>]

Sent: Thursday, May 13, 2021 12:19 PM

To: Steve Sarcevic <ssarcevic@universalengineering.com>

Subject: Proctor Testing Quote

Hi Steve,

I just left a voicemail regarding a quote for soils testing. We have an upcoming job at the Orlando airport and need an upfront proctor test of fill to achieve 100% compaction. We also will need in field testing during backfilling activities to achieve 100% compaction. We expect the field work portion to last 7 days. If you could possibly get back to us by today with a quote we would appreciate it and let me know if you have any questions.

Thanks,

Ryan

Ryan McKay

Staff Geologist II



MSE Group, LLC. | A Montrose Environmental Group Company

5858 South Semoran Blvd., Orlando, FL 32822

Office 855.629.8180 x153 | Mobile 714.614.4144

rmckay@msegroup.com | www.MSEGroup.com

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September 22, 2021

Client: MSE Group, LLC.

5858 South Semoran Blvd., Orlando, FL

Attn: Jim Cotton

j cotton@msegrou p.com, 407.304.9568

Project: 1 Jeff Fuqua Blvd, Orlando, FL

Submitted By:

Brandon Hall

419.767.2288

brandon.hall@gprsinc.com

GPRS appreciates the opportunity to provide this proposal. I encourage you to visit our website (www.gprsinc.com) and contact any of the numerous references listed. Our insurance certificate and W-9 can also be downloaded [here](#). Please feel free to contact me if you have any questions, or if you need additional information.

SCOPE OF WORK

We understand the scope to be to search for underground utilities for approximately 38,250 square feet. We will attempt to trace any utilities for which there are structures visible from the work area. Utilities will be marked on the surface using paint, flags, or other appropriate means. The client will be responsible to provide drawings or notify GPRS of any utilities known to be entering the work area for which there are no apparent surface features or structures that are visible from the work area. The areas should be laid out, marked, and cleared of obstructions prior to our arrival in order to avoid additional charges. Please visit www.simspec.org for an overview of our industry-leading best practices that will be applied to this project.

EQUIPMENT

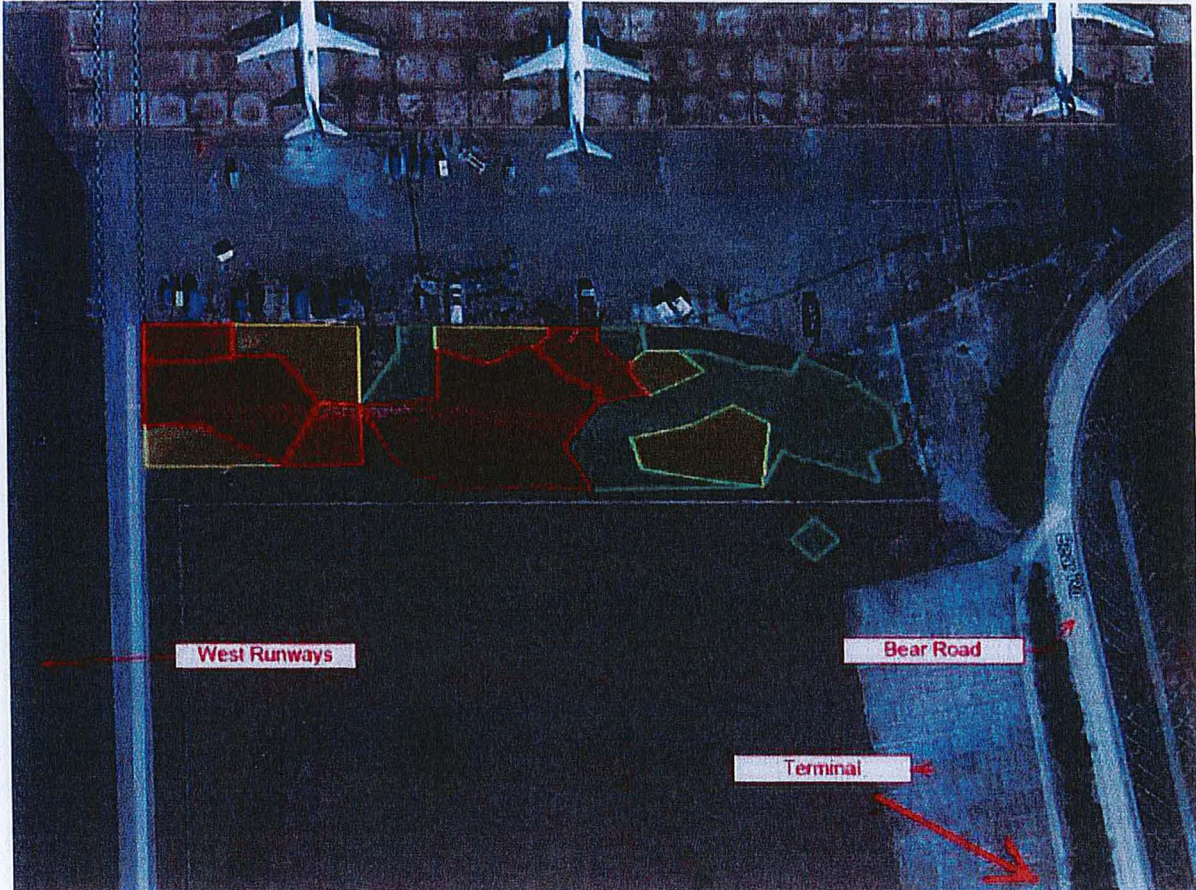
- **Underground Scanning GPR Antenna.** The antenna frequencies range from 250 MHz-450 MHz is mounted in a stroller frame which rolls over the surface. The surface needs to be reasonably smooth and unobstructed in order to obtain readable scans. Obstructions such as curbs, landscaping, and vegetation will limit the feasibility of GPR. The data is displayed on a screen and marked in the field in real time. The total depth achieved can be as much as 8' or more with this antenna but can vary widely depending on the types of materials being scanned through. Some soil types such as clay may limit maximum depths to 3' or less. As depth increases, targets must be larger in order to be detected and non-metallic targets can be especially difficult to locate. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. For more information, please visit: [Link](#)
- **Electromagnetic Pipe Locator.** The EM locator can passively detect the signals from live AC power or radio signals travelling along some conductive utilities. It can also be used in conjunction with a transmitter to connect directly to accessible, metallic pipes, risers, or tracer wires. A current is sent through the pipe or tracer wire at a specific frequency and the resulting signal can then be detected by the receiver. A utility's ability to be located depends on a variety of factors including access to the utility, conductivity, grounding, interference from other utilities, and many others. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. For more information, please visit: [Link](#)
- **Traceable Rodder.** The rodder has a copper wire encased in fiberglass. The line is pushed through accessible pipes before placing a current on the wire and the signal is then traced from the surface. The maximum traceable depth is 10' depending on the soil conditions and the maximum distance is 200'. The line can be pushed through a pipe with direct access such as a sewer line at a cleanout or a storm drain catch basin. It may not be able to be pushed through deeper pipes within manholes. Electrical conduits will not be accessed by GPRS. The signal cannot be located through metallic pipes. For more information, please visit: [Link](#)
- **GPS.** This handheld GPS unit offers accuracy down to 4 inches, however, the accuracy achieved will depend on the satellite environment at the time of collection and should not be considered to be survey-grade. Features can be collected as points, lines, or areas and then exported as a KML/KMZ or overlaid on a CAD drawing. For more information, please visit: [Link](#)

OPTIONAL EQUIPMENT

- **Video Pipe Camera (1"-4" pipes).** This push camera is designed for video pipe inspection and pipe locating. It has a 1" diameter, self-leveling camera head that is used in pipes 1"-4" in diameter. There is a 512 Hz sonde behind the camera that can be located from above ground and provide the approximate depth to the pipe for pipes up to 10' deep. The locatable signal from the sonde does not pass through metal pipes or solid metal barriers except for cast-iron. Access through a structure such as a cleanout, drain, etc. or an open pipe within arm's reach is required for inspection service and locating. When inserted, the camera can be pushed through the pipe to a maximum of 100' and past 90° bends in most 2" lines. If the project requires entry into confined spaces to gain access to the subject piping, this would need to be coordinated by the client and a permit obtained if required. Video and photos of the interior of pipes can be provided along with inspection reports. Inspection reports are available upon request prior to execution of field work. For more information, please visit: [Link](#)



MAP OF SCAN AREA



PROJECT COSTS

SERVICE	DESCRIPTION	PRICE
SCANNING/FIELD MARKINGS	Described on Page 1	\$1,800.00
MOBILIZATION		Included
GPS MAP	Findings will be collected with GPS and displayed with an aerial image background. Results are not survey-grade accuracy. See example: Link	Included
TOTAL		*\$1,800.00
OPTIONAL SERVICES (INITIAL IF DESIRED)		
FORMAL REPORT	Detailed report of findings with photos, example data, and a site sketch (if applicable) in addition to the basic summary report that is included with every job. See example: Link	Initial___ \$200.00
CAD DRAWING	Findings will be drafted in CAD with an aerial image background. A linework version will also be provided if the client provides an existing drawing. Results are not survey-grade accuracy. See example: Link	Initial___ \$600.00
VIDEO PIPE PUSH CAMERA	Trace lines from accessible cleanouts and storm drains.	*Call For Pricing*

- * This price assumes that we will be given access to perform the work during normal, weekday business hours (7am-5pm).
- * As-builts and any other applicable drawings should be made available to GPRS prior to the project if possible.
- * A thorough utility search can only be completed if GPRS is given access to all utility structures, interior and exterior. This service is never a replacement for the use of the state One Call system (811).
- * All of our technicians have OSHA-10 safety training or greater. Site-specific safety training is not included in this quote. Please notify us if this project requires additional safety training.
- * These rates assume that there are no certified payroll requirements. GPRS has not been notified of any PLA, DIR, or Certified Payroll requirements. If GPRS receives notice that any of these conditions exist, there will be additional costs

This proposal is subject to the General Terms and Conditions for Services of Ground Penetrating Radar Systems, LLC posted at [Link](#) (the "Terms and Conditions") and is hereby incorporated by reference into and made a part of this proposal. Customer acknowledges it has read and agrees to be bound by such Terms and Conditions. In the event of any conflict between the terms of this proposal and the Terms and Conditions, the Terms and Conditions will prevail. Customer also acknowledges that Ground Penetrating Radar Systems, LLC may, from time to time and at its discretion, modify the Terms and Conditions and Customer agrees to be bound by such Terms and Conditions as modified.

PROPOSAL-SPECIFIC TERMS & CONDITIONS

1. Customer agrees to meet and perform all requirements described in this document and has fully read and understands all items listed within this document.
2. It is the customer's responsibility to prepare the site for scanning, including clearly identifying areas to be scanned, securing access to all areas required for scanning, and keeping these areas clear and free of obstructions. Delays caused by customer's failure to do so may result in an increased price.
3. GPRS does not conduct an investigation, analysis, or interpretation of soil composition, soil/concrete conditions, or geophysical, geological, engineering, or land surveying information. Customer acknowledges it understands that we are merely reporting retrieved data and that we do NOT provide geophysical, geological, engineering, or land surveying services. Customer should contact a professional in those fields if such services are needed.
4. If for some reason the technician arrives on site and the work is cancelled there will be a charge of \$500.00 per requested technician.

ACCEPTED AND AGREED:

Billing Company Name: _____

Billing Address: _____

Company Phone/Email: _____ PO#: _____ Job#: _____

Print Name: _____ Signature: _____ Date: _____

From: [Steve Farkas](#)
To: [Jim Cotton](#)
Subject: Rolled bahia sod
Date: Monday, December 6, 2021 12:33:47 PM
Attachments: [image001.png](#)

[EXTERNAL SENDER]

Rolled Bahia sod installed at your GOAA site FAM site will be \$.39 SF water to establish new sod will be \$8000.00 lump sum; if rain occurs you will not need this.



Lake Jem Farms, Inc.
Steve Farkas , Bahia Division
Lake Jem Farms , Inc
352-801-6962

From: [Beau Pipkins](#)
To: [Jim Cotton](#)
Subject: Re: Const machinery - Equip Share (National rates).pdf
Date: Thursday, December 2, 2021 4:13:55 PM
Attachments: [image001.png](#)
[Const machinery - Equip Share \(National rates\).pdf](#)

[EXTERNAL SENDER]

Good afternoon Jim. Thanks for reaching out. I am on the road today headed to Wisconsin for a few days and I don't have my computer. I sent Hudson some rates earlier but I have no way to put these on a formal quote. The rates I gave him were as follows.

Day:\$65.00/ Week:\$150.00/ Month:\$375

Please let me know if that works. Thanks again!

Sent from my iPhone

On Dec 2, 2021, at 3:04 PM, Jim Cotton <jcotton@msegroup.com> wrote:

Beau –

You typically work with Hudson Carter or Kenny Towns at our company, but I'm trying to get a quote out the door quickly. Could you please add a line item to the attached for a plate compactor? I need to provide our client with backup for our quote.

Thanks very much!

Jim Cotton
Senior Geologist



MSE Group, LLC. | A Montrose Environmental Group Company
5858 South Semoran Blvd., Orlando, FL 32822
Office 855.629.8180, Ext. 173 | Mobile 407.304.9568
Fax 407. 629.7595
jcotton@msegroup.com | www.MSEGroup.com

This is a confidential communication. The information contained in this e-mail message is intended only for the use of the individual or entity to which it is addressed. Information contained herein may be protected from further dissemination or disclosure under applicable laws. If the reader of this transmission is not the intended recipient or the employee or agent responsible for delivering the transmission to the intended recipient, you are hereby notified that any dissemination, distribution, copying or use of this transmission or its contents is strictly prohibited. If you

From: [kenny m](#)
To: [Jim Cotton](#)
Subject: Re: FW: Future Aircraft Maintenance facility (OIA) - quote request
Date: Wednesday, September 8, 2021 6:53:01 AM

[EXTERNAL SENDER]

Jim good morning glad to see the project is coming back to life the pricing are as follows:

Fill and Trucking \$14.36 per 18 yard

Transport of contaminated Materials \$14.50 per ton

On Wed, Sep 1, 2021, 1:31 PM Jim Cotton <jcotton@msegroupp.com> wrote:

Hi Kenny,

This project is coming back to life again. Looking like it will happen in early November.

Can you please confirm the numbers you provided below? I'm thinking Ashley Rose or Kenny Towns will handle the excavation and restoration work, but we'd like to use Star for transportation of excavated soil to JED, and for backfill & trucking of backfill.

Thanks,

Jim

From: kenny m <startruckingservices@gmail.com>
Sent: Wednesday, May 12, 2021 9:00 AM
To: Jim Cotton <jcotton@msegroupp.com>
Subject: Re: FW: Future Aircraft Maintenance facility (OIA) - quote request

[EXTERNAL SENDER]

--
Thanks,

Kenny Mahase

Star Trucking & Construction Services, Inc.

8850 State Road 46

Mims, FL. 32754

Tel. (407)522-5554

Fax.(407)349-2300

Cell.(321)403-7406

Email. Startruckingservices@gmail.com



WASTE CONNECTIONS
Connect with the Future®

Waste Connections of Osceola County, LLC
1501 Omni Way
St Cloud, FL 34773
USA

Created 3/12/2021
Contact Name Jim Cotton
Quoted To MSE Group
Address 5858 S. Semoran Blvd.
Orlando
FL
32822
USA

Phone (855) 629-8180 ext 173
Email j cotton@msegrou p.com

Quote Name MSE Group: FL-Orange- 6,300 Cubic Yards, Petroleum Related Contaminated Soil, Future Aircraft Maintenance Facility, OIA, Orlando - REVISION III 12/3/21

Jim Cotton

Pursuant to your request regarding the above referenced subject and on behalf of Waste Connections of Osceola County, LLC, I am pleased to submit the price schedule for the following services:

Rate Information

Landfill	Type	Unit of Measure (UOM)	Waste Stream	Disposal Rate (ton/unit)	Minimum Amount
JED Landfill	Disposal	Tons	Contaminated Sand/Soil	\$21.25	0
JED Landfill	Transportation	Tons	Contaminated Sand/Soil	\$11.75	23

Comments

Additional Provisions 1 - Transportation Rate is based on trailers and a 23 Ton/Load Minimum. For ALL loads less than 23 Tons/Load, there will be an additional charge for the difference in tonnage (23 - Tons Actually Delivered x \$11.75/Ton)

2 - Transportation is subject to demurrage of \$80.00 per hour after the first hour.

All waste will be disposed of at our JED Solid Waste Management Facility, located at 1501 Omni Way, St. Cloud, Florida 34773.

All prices are subject to any Federal, State and local fees.

Should you have any questions regarding this quotation, please do not hesitate to contact me.

Thank you,

Roger O'Connor
Special Waste Account Manager

(407) 908-3666
roger.oconnor@wasteconnections.com



GREATER O

Handout

12/7/2021

Item 15

Revised OSBD

Memo

MEMORANDUM

To: Members of the Construction Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: December 07, 2021

Re: Request for Recommendation of Approval of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with MSE Group, LLC to perform Excavation and Restoration of Future Aircraft Maintenance Site at the Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that MSE Group, LLC proposes 34% MWBE participation on this Addendum.

Our analysis indicates that MSE Group, LLC 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 of Approval of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with MSE Group, LLC to perform Excavation and Restoration of Future Aircraft Maintenance Site at the 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	<u>-</u>	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: \$637,900.68

5. MWBE Goal by Group Representation:

Asian Pacific American	<u>-</u>	Actual Result	_____
Asian Subcontinent American	<u>-</u>	Actual Result	_____
Black American	<u>3,475.00</u>	Actual Result	<u>0.5%</u>
Caucasian Female American	<u>-</u>	Actual Result	_____
Hispanic American	<u>215,170.00</u>	Actual Result	<u>33.7%</u>
Native American	<u>-</u>	Actual Result	_____
Other	_____	Actual Result	_____
Total MWBE Goal	<u>218,645.00</u>	Actual Result	<u>34.3%</u>

6.b. Engineering / Professional Service Firm Information:

Name: MSE Group, LLC
Address: 5858 S. Semoran Blvd.
City, State, Zip: Orlando, FL 32822
Telephone: (407) 629-8180

6.b. Name and Address of MWBE Subconsultant

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

6.c. *Identity:

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

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

Signature: Edelis Molina Date: 12/07/21

for George I. Morning, Director of Small Business Development Department

* 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)

MWBE Subcontractor/Subconsultant Certification

Project Name & Number: Request for Recommendation of Approval of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with MSE Group, LLC to perform Excavation and Restoration of Future Aircraft Maintenance Site at the Orlando International Airport

Prime Firm: MSE Group, LLC

Addendum Amount: \$637,900.68

Company Name Ambient Technologies, Inc.
Address 4610 Central Avenue
City, State, Zip St. Petersburg, FL 33711
Phone 727.209.2334
Identity Hispanic American
Work Item Drilling Services
Amount of Subcontract \$1,200.00
Percentage 0.2%

Southern Research Laboratories, Inc.

2251 Lynx Lane, Suite 1
Orlando, FL 32804
407.522.7100
Black American
Analytical Services
\$3,475.00
0.5%

Company Name Star Trucking & Construction Services, Inc.
Address 8850 State Road 46
City, State, Zip Mims, FL 32754
Phone 407-349-1061
Identity Hispanic American
Work Item Trucking, Soil transportation and backfill
Amount of Subcontract \$213,970.00
Percentage 33.5%

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

Company Name _____
Address _____
City, State, Zip _____
Phone _____
Identity _____
Work Item _____
Amount of Subcontract _____
Percentage _____

\$218,645.00 34.3%
\$637,900.68

BRIDGE 999956, W-00445, BRIDGE 999956 CAPACITY ANALYSIS, AT THE ORLANDO INTERNATIONAL AIRPORT.

12. Mr. Sorondo presented the memorandum, dated December 7, 2021. Agenda Item Nos. 10, 11, 12, 13, and 14 were considered in one motion. Discussion ensued.

Upon motion of Ms. Sharman, second by Mr. Hunt, vote carried to approve an Addendum to the Continuing Bridge Inspection Services Agreement with Kisinger Campo & Associates, Corp for FY 2022 Capacity Analysis of Bridge 999956, W-00445, Bridge 999956 Capacity Analysis, for the total lump sum amount of \$9,116.00, which includes the lump sum fee amount of \$7,118.00, and the not-to-exceed expense amount of \$1,998.00, with funding from Operations and Maintenance Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING TRANSPORTATION PLANNING SERVICES AGREEMENT WITH HNTB CORPORATION FOR PROFESSIONAL TRANSPORTATION PLANNING SERVICES FOR W-00446, MCO ROADWAY MASTER PLAN, AT THE ORLANDO INTERNATIONAL AIRPORT.

13. Mr. Sorondo presented the memorandum, dated December 7, 2021. Agenda Item Nos. 10, 11, 12, 13, and 14 were considered in one motion. Discussion ensued.

Upon motion of Ms. Sharman, second by Mr. Hunt, vote carried to approve an Addendum to the Continuing Transportation Planning Services Agreement with HNTB Corporation for Professional Transportation Planning Services for W-00446, MCO Roadway Master Plan, for the total not-to-exceed fee amount of \$241,525.00, with funding from previously approved Capital Expenditure Funds.

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING MEP ENGINEERING CONSULTANT SERVICES AGREEMENT WITH C&S ENGINEERS, INC. TO PROVIDE FY 2022 ON-CALL MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEM SERVICES, AT THE ORLANDO INTERNATIONAL AIRPORT.

14. Mr. Sorondo presented the memorandum, dated December 7, 2021. Agenda Item Nos. 10, 11, 12, 13, and 14 were considered in one motion. Discussion ensued.

Upon motion of Ms. Sharman, second by Mr. Hunt, vote carried to approve an Addendum to the Continuing MEP Engineering Consultant Services Agreement with C&S Engineers, Inc. to provide FY2022 On-Call Mechanical, Electrical and Plumbing System Services, for the total not-to-exceed fee amount of \$20,000.00, with funding from Operation and Maintenance Funds.

REQUEST FOR RECOMMENDATION OF APPROVAL OF AN ADDENDUM TO THE CONTINUING ENVIRONMENTAL ENGINEERING CONSULTANT SERVICES AGREEMENT WITH MSE GROUP, LLC, TO PERFORM EXCAVATION AND RESTORATION OF FUTURE AIRCRAFT MAINTENANCE SITE, AT THE ORLANDO INTERNATIONAL AIRPORT.

15. [A handout was presented, which included a revised Memorandum and Office of Small Business Development Memorandum.] Mr. Carrington presented the memorandum, dated December 7, 2021. Discussion ensued.

Upon motion of Ms. Sharman, second by Mr. Hunt, vote carried to recommend to the Aviation Authority Board approval of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with MSE Group, LLC to perform Excavation and Restoration of Future Aircraft Maintenance Site, for the total lump sum amount of \$637,900.68, which includes the not-to-exceed fee amount of \$174,096.00, and the not-to-exceed expense amount of \$463,804.68, with funding from previously-approved Capital Expenditure Funds. ✓

REQUEST FOR APPROVAL OF AN ADDENDUM TO THE CONTINUING ENVIRONMENTAL ENGINEERING CONSULTANT SERVICES AGREEMENT WITH MSE GROUP, LLC, TO CONDUCT AN INTERIM SOURCE REMOVAL AND CONFORMATION SAMPLING AT THE ALPHA-ECHO JET FUEL RELEASE, AT THE ORLANDO INTERNATIONAL AIRPORT.

16. Mr. Carrington presented the memorandum, dated December 7, 2021. [A handout was presented, which included a revised Memorandum and backup documentation, and a revised Office of Small Business Development Memorandum.] Discussion ensued.

Upon motion of Mr. Hunt, second by Mr. Pelletier, vote carried to approve an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with MSE Group, LLC to conduct an Interim Source Removal and Conformation Sampling at the Alpha-Echo Jet Fuel Release, for the total lump sum amount of



GREATER ORLANDO AVIATION AUTHORITY

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

MEMORANDUM

TO: Members of the Aviation Authority

FROM: Davin D. Ruohomaki, Chairman, Construction Committee

DATE: January 19, 2022

ITEM DESCRIPTION

Recommendation of the Construction Committee to Approve an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with MSE Group, LLC for Excavation and Restoration of a Future Aircraft Maintenance Site, 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, at the Orlando International Airport (MCO), with the following firms:

- AECOM Technical Services, Inc.
- MSE Group, LLC
- Professional Service Industries, Inc.
- Terracon Consultants, Inc.

These agreements provide for continuing environmental engineering consulting and related professional services, which 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 materials incidents, including immediate response to limit releases to the environment, performance of initial remedial actions and other related services. 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.

ISSUES

On December 15, 2021, the Aviation Authority Board approved the Remediation and Access Agreement with Frontier Airlines, Inc., which includes the leased premises of approximately 6.33 acres located in the southwest corner of the North Apron at MCO, the construction of a Rubb, Inc. manufactured hangar by Frontier, and environmental site remediation. Frontier and the Aviation Authority have conducted environmental investigations of the proposed premises, and to ensure that these premises are a clean

site for development, determined that the estimated cost of the proposed complete remediation is a total not-to-exceed amount of \$637,900.68.

A fee has been negotiated with MSE Group, LLC for a total amount of \$637,900.68 for Excavation and Restoration of a Future Aircraft Maintenance Site, at the Orlando International Airport. These services will perform excavation and restoration to the future aircraft maintenance site located at the North Cargo Ramp. Soil and groundwater samplings have exceeded regulatory cleanup levels; thus, the site needs to be remediated to proceed with the site development plans.

The Aviation Authority has reviewed the proposal from MSE Group, LLC, and determined that MSE Group, LLC is committed to achieving 8.7% Minority and Women Business Enterprise (MWBE) participation on this addendum.

On December 7, 2021, the Construction Committee recommended approval of an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with MSE Group, LLC for Excavation and Restoration of a Future Aircraft Maintenance Site, at the Orlando International Airport, as outlined in the memorandum.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$637,900.68. Funding is from previously-approved Capital Expenditure Funds.

RECOMMENDED ACTION

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Construction Committee and approve an Addendum to the Continuing Environmental Engineering Consulting Services Agreement with MSE Group, LLC for Excavation and Restoration of a Future Aircraft Maintenance Site, at the Orlando International Airport, for a total amount of \$637,900.68, which includes the not-to-exceed fee amount of \$174,096 and the not-to-exceed reimbursable expenses amount of \$463,804.68, with funding from previously-approved Capital Expenditure Funds; and, authorize an Aviation Authority Officer or the Chief Executive Officer to execute the necessary documents following satisfactory review by legal counsel.