

**ADDENDUM NO. 8  
TO THE AGREEMENT DATED JANUARY 12, 2024  
BETWEEN GREATER ORLANDO AVIATION AUTHORITY  
AND MONTROSE ENVIRONMENTAL SOLUTIONS, INC.**

**Project: ARFF Truck Cleanout, Orlando International Airport**

**THIS ADDENDUM** is effective this 1<sup>st</sup> day of July, 2025, by and between the **GREATER ORLANDO AVIATION AUTHORITY** (“Aviation Authority”), and **MONTROSE ENVIRONMENTAL SOLUTIONS, INC.** (“Consultant”).

**WITNESSETH:**

**WHEREAS**, by Agreement dated January 12, 2024, 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 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 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. **Revisions to Small Business Participation Requirements:** The Aviation Authority has suspended its Minority and Women Owned Business Enterprise (MWBE) Program. All references to that program are deleted from this Agreement. No MWBE participation is required. The Aviation Authority’s Local Developing Business (LDB), Veteran Business Enterprise (VBE), and Disadvantaged Business Enterprise (DBE) Programs remain in effect.
3. Consultant shall be compensated for such additional services in the **NOT TO EXCEED amount of FIVE HUNDRED EIGHTY-FOUR THOUSAND, EIGHT HUNDRED EIGHTY-FOUR AND 56/100 DOLLARS (\$584,884.56)**, broken down as follows:

<b>Professional Fees:</b>	<b>NTE:</b>	<b>\$108,052.00</b>
<b>Professional Fees:</b>	<b>LS:</b>	<b>\$0.00</b>
<b>Reimbursable Expenses:</b>	<b>NTE:</b>	<b><u>\$476,832.00</u></b>
<b>Total:</b>		<b>\$584,884.56</b>

4. 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.

5. Aviation 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, Aviation 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.

6. Except as expressly modified in this Addendum, the Agreement dated December xx, 2023 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 Aug 5, 2025.

**GREATER ORLANDO AVIATION AUTHORITY**

*Lance Lyttle*

By: box SIGN 4W263WW8-18R98JW7  
Lance Lyttle  
Chief Executive Officer

**Approved as to Form and Legality  
(for the benefit of GOAA only)  
this date Aug 5, 2025**  
*Claramargaret H. Groover*  
By: box SIGN 4ZR2R2V8-18R98JW7  
**Becker & Poliakoff, Legal Counsel  
Greater Orlando Aviation Authority**

**MONTROSE ENVIRONMENTAL SOLUTIONS, INC.**

*Ellen M. Ereland*

By: box SIGN 1V733XP2-18R98JW7  
Signature (Duly Authorized Rep.)

Vice President  
Title



## Memorandum

DATE: July 1, 2025

TO: Members of the Procurement Committee

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

### Item Description

Request for Recommendation to the Aviation Authority Board for Approval of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with Montrose Environmental Solutions, Inc. for ARFF Truck Cleanout at the Orlando International Airport (MCO)

### Background

In 2023, the firms providing Continuing Environmental Engineering Consultant Services were selected through a competitive award process. These services are procured on an as needed or annual basis.

On December 13, 2023, the Aviation Authority Board approved a Continuing Environmental Engineering Consultant Services Agreement with the following firms:

- CDM Smith
- Montrose Environmental Solutions, Inc.
- Terracon Consultants, Inc.

These base agreements established the professional services. 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

The Consultant's proposal, dated September 17, 2024, is to complete ARFF truck clean out for transition to a new fire fighting foam.

Services cannot commence before the date of Aviation Authority Board approval. The approved addendum must be executed by the Aviation Authority before invoicing for services.

**NEW BUSINESS AGENDA ITEM – B –**

The cumulative contract value of all addenda/amendments since the last approval by the Aviation Authority Board for the Continuing Environmental Engineering Consultant Services Agreement with Montrose Environmental Solutions, Inc. does exceed the \$250,000 threshold; thus, this agenda item does require Board approval.

### **Small Business**

The Aviation Authority's Office of Business Opportunity & Exchange has reviewed the Small Business program specifications for this contract. The findings and recommendation are attached.

### **Alternatives**

There are no reasonable alternatives under consideration.

### **Fiscal Impact**

The fiscal impact is \$584,884.56. Funding is from previously approved Operations & Maintenance Fund. Funding required in current and subsequent fiscal years will be allocated from the Operations and Maintenance Fund, as approved through the budget process and when funds become available.

### **Recommended Action**

It is respectfully requested that the Procurement Committee approve that the following be recommended to the Aviation Authority Board: (1) approve Addendum to the Continuing Environmental Engineering Consultant Services Agreement with Montrose Environmental Solutions, Inc.; (2) authorize funding in the not-to-exceed amount of \$584,884.56 from the Operations & Maintenance Fund; (3) authorize a budget transfer from contingency to cover expense; (4) authorize the Chief Executive Officer or an Aviation Authority Officer to execute the necessary documents following satisfactory review by legal counsel.

Not to Exceed Fees	\$108,052.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$476,832.56
<b>TOTAL</b>	<b>\$584,884.56</b>
Financial Auditor – Compliance Review Date	DM 6/24/25
Financial Auditor– Funding Eligibility Review Date	6/24/25

September 17, 2024 (revised June 23, 2025)

**Electronic Mail Delivery Only**

[mary.obrien@goaa.org](mailto:mary.obrien@goaa.org)

Ms. Keegan O'Brien  
Greater Orlando Aviation Authority  
5855 Cargo Road  
Orlando, Florida 32827

RE: **Proposal – ARFF Vehicle Cleaning and Preparation Services (10 Vehicles)  
Orlando International Airport**  
Orlando, Florida  
Continuing Environmental Engineering Consulting Services – January 12, 2024

Dear Ms. O'Brien:

Montrose Environmental Group (Montrose) is pleased to present our proposal to provide cleaning services to remove per- and poly-fluoroalkyl substances (PFAS)-containing aqueous film forming foam (AFFF) from multiple Aircraft Rescue and Fire Fighting (ARFF) vehicles utilized at the Orlando International Airport (MCO) facility located in Orlando, Orange County, Florida. The services provided will be conducted under the Montrose - Greater Orlando Aviation Authority (GOAA) Agreement for Continuing Environmental Engineering Services dated January 12, 2024.

### Background

Testing has demonstrated that Montrose's proprietary cleaning solution is significantly more effective than conventional triple rinse with water alone, and more effective at minimizing the subsequent leaching of PFAS compounds from system piping into liquids introduced to the system thereafter (commonly referred to as "rebound"). Furthermore, our method generates a significantly smaller volume of wastewater requiring treatment and/or disposal. Though the washing and rinsing activities are not guaranteed to provide complete and total PFAS removal, Montrose's solution will significantly reduce the concentration of PFAS compounds present within the ARFF equipment — this approach is widely accepted as the current industry best practice.

Montrose's global experience treating PFAS, advanced R&D facility, and deep team of ARFF experts positions us to be your best partner for tackling the ARFF transition. Montrose has treated over 9 billion gallons of PFAS impacted water – including AFFF spill response and ARFF vehicle and infrastructure transition work. Montrose's R&D facility has been working with the EPA on developing cost effective and best-in-class cleaning techniques to remove recalcitrant AFFF film off the inside of pipe material.

Montrose's testing matrix evaluated over 30 blends of cleaning chemistry and methodology to produce the most efficient and cost-effective methodology.

Montrose recently cleaned two OshKosh TI-3000 vehicles with 420-gallon foam concentrate tanks. Generating 1/3 of the waste when compared to triple rinse, Montrose’s cleaning method with only a single rinse was statistically equivalent in initial reduction efficiency despite have more than 18x higher starting contamination levels. Additionally, the truck cleaned with the Montrose cleaning solution included a much larger fraction of sulfonic PFAS compounds which are more difficult to remove from surfaces.

Most recently, Montrose just completed the cleaning of Naples Airport’s firetrucks.

### Scope of Work

Montrose understands that GOAA has ten Aircraft Rescue and Fire Fighting (ARFF) vehicles that require the removal of existing AFFF concentrate from tanks and associated system piping to prepare for transition to synthetic fluorine-free foam (SFFF). To address this task, Montrose will deploy our team to MCO to drain and clean each ARFF truck/unit and prepare each for refilling. Montrose’s cleaning system, and associated equipment, will be mobilized, operated, and demobilized by Montrose field personnel under the direct supervision of experienced Project Engineer and on-site Project Field Specialist.

### Design Basis

Though Montrose does not have all necessary details of vehicle tank and piping systems at this time, we have made the following assumptions as basis for estimation of project costs:

**Table 1. ARFF information and waste volumes**

Vehicle Type	Foam Tank Volume (gal.)	Rinse WW per ARFF (gal.)	AFFF per ARFF (gal.)
Rosenbauer Panther 6x6 HRET	400	900	400
Rosenbauer Panther 6x6 HRET	400	900	400
Rosenbauer Panther 6x6	400	900	400
Oshkosh Striker 3000 with Snozzle	420	920	420
Oshkosh Striker 3000	420	920	420
E-One Typhoon Pumper	40	380	40
E-One 100ft Arial Platform	30	360	30
Ford XL550 E-One Mini Pumper	30	360	30
Sutphen Shield Pumper	50	400	50
F350 4X4 Pick-Up w/ Chemical Skid Unit	3	306	3
<b>Totals</b>		<b>6,346 gal.</b>	<b>2,193 gal.</b>

Montrose has assumed that the foam concentrate tank on each ARFF vehicle will have a top access hatch sufficient to enable field service team access with cleaning equipment. Also assumed is that the cleaning equipment will be able to set up next to the fire truck to be cleaned so there are not long runs of hose between components. The exact configuration of each tank and piping will impact the total rinse volumes generated in the cleaning process. If there is a larger

volume to clean, both the amount of cleaning solution needed and rinsate generated, plus volume for disposal will increase.

**Table 1. Estimated waste volume summary**

Item	Qty.
Gallons of AFFF concentrate in addition to ARFF foam tanks	1,430
55-gal containers of AFFF concentrate	1
275-gal containers of AFFF concentrate	5
Gallons of concentrate in ARFF foam tanks	2,193
275-gallon containers of AFFF concentrate for disposal	8
Gallons of rinse WW from ECT2 Method	6,346
275-gallon containers of rinse WW for disposal	24
55-gallon drum of solid waste (bag filters, nitrile gloves, etc.)	1

### Cleaning Procedure

The cleaning procedure for each truck will consist of several steps involving both Montrose and GOAA as described below:

Step	Scope	Description
1	Montrose	Lay out containment areas, equipment, totes, and hoses
2	GOAA	Position ARFF vehicle on secondary containment berm
3	Montrose	Connect hoses, drain AFFF foam concentrate tank to waste container, rinse tank sides to foam concentrate waste container, reroute hoses
4	Montrose	Prepare cleaning solution (parallel path with steps 2 and 3)
5	Montrose	Use cleaning solution to wash the foam concentrate tank and piping exclusive of hoses and nozzles
6	Montrose	Rinse with potable water, drain to waste tote
7	GOAA	Relocate ARFF vehicle for SFFF filling Repeat step 2 for next vehicle, as needed
8	Montrose	Repeat steps 3-6 for next vehicle, as needed

Step	Scope	Description
9	Montrose	Demobilize cleaning equipment

To accomplish the proposed scope of services, both Montrose and GOAA will also have specific supply requirements, which have been provided below:

Scope Item	Montrose	GOAA
Minimum 50 gpm. potable water supply, 110V power supply to outlets		X
ARFF vehicle cleaning equipment	X	
2 rental secondary containment berms (one for ARFF vehicle, one for equipment)	X	
2 Field Service Technicians for 29 days to clean out 10 ARFF vehicles	X	
Mechanical install and uninstall of ECT2 supplied equipment	X	
Laboratory analysis of two rinse water samples from each ARFF to show initial rinse water and final rinse water PFAS concentrations	X	
Inspection and verification that vehicle is ready to load new foam concentrate Inspection and verification that vehicle is ready to return to service		X
Supply and loading new SFFF foam concentrate, verification that foam proportion is accurate with new foam		X
(8) 275-gal totes for collection of AFFF concentrate from vehicles (24) 275-gallon containers of rinse WW for disposal-gal totes for collection of rinse water from vehicles (1) 55-gal drum for collection of solid waste	X	

Scope Item	Montrose	GOAA
Forklift and operator for loading, unloading, and positioning of equipment during installation and demobilization		X
Moving ARFF vehicle		X
Any required permitting		X
Facilitation and disposal of solid and liquid waste	X	

### Schedule, Costs, and Deliverables

Truck cleaning is expected to occur in Q1 2025, but deployment of rental assets and field personnel will be based on site readiness and availability within the rental fleet at that time.

Montrose estimates six weeks of site time to drain, clean, and prepare all ten vehicles. That estimate is based on the following assumptions:

- One ARFF vehicle and one smaller vehicle can simultaneously be out of service while maintaining the index, so Montrose can start cleaning a smaller vehicle while the customer loads new foam and tests proportion to return the large vehicle to service.
- New foam can be loaded, and vehicle can be returned to service in one day, which may occur while Montrose is off site.

If Montrose cannot begin cleaning the next truck on schedule due to delays outside Montrose control, there may be some additional expenses to cover additional trips to site and rental of the equipment. The schedule details will be confirmed as part of order entry.

Fees for services will be invoiced on a time and materials basis based on the scope presented here-in with a contract ceiling of **\$584,884.56**. Montrose will utilize the GOAA-approved unit rates detailed in the Project Estimate provided in **Attachment A**. At your request, this estimate also includes costs associated with waste management and disposal services. Disposal of AFFF concentrate and wastewater via your preferred method of incineration are provided in Attachment A.

In the event additional equipment, materials, or outside resources are required beyond the contract ceiling, they will be billed at-cost with your prior approval.

Montrose will provide electronic copies of disposal documents along with a summary report of the services provided. Hardcopies will be generated upon request.

### MWBE / LDB / VBE / DBE Commitment

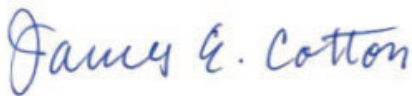
Montrose has a commitment to GOAA to make every effort to utilize GOAA-certified Minority/Woman/Veteran-owned Business Enterprises. Unfortunately, due to the specialty of the

services being proposed, this will be difficult. That said, Montrose will evaluate any opportunity possible to utilize Minority/Woman/Veteran-owned Business Enterprises.

### Closure

We appreciate the opportunity to support GOAA with this project. If you have any questions or require additional information, please contact me at 407-304-9568 / [jjcotton@montrose-env.com](mailto:jjcotton@montrose-env.com).

Very truly yours,  
**Montrose Environmental Solutions, Inc.**



James Cotton, PG  
Contract Manager



Ellen Eveland  
Regional Vice President

### Enclosures:

- Attachment A – Unit Rate Fees
- Attachment B – Subcontractor Backup
- Attachment C – Truth in Negotiation Certification

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**Attachment A**  
**Cost Estimate**

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**Cost Estimate**  
**ARFF Vehicle Cleaning and Preparation**  
**Greater Orlando Aviation Authority**

**Continuing Environmental Engineering Consulting Services - January 12, 2024**  
**September 17, 2024 (revised June 23, 2025)**

ITEM	RATE	UNIT	# of UNITS	Total
<b>MONTROSE PERSONNEL LABOR</b>				
Principal (Jeffrey Martineau)	\$246.00	Hour	12	\$2,952.00
Senior Engineer (ECT2 Engineer)	\$199.00	Hour	60	\$11,940.00
Senior Project Manager (Jim Cotton)	\$177.00	Hour	48	\$8,496.00
Senior Project Manager (ECT2 PM)	\$177.00	Hour	96	\$16,992.00
Senior Geologist (ECT2 Field Lead)	\$151.00	Hour	250	\$37,750.00
Project Geologist (Mark Boward)	\$115.00	Hour	30	\$3,450.00
Field Geologist (Justin Rickey)	\$88.00	Hour	280	\$24,640.00
Administrative Assistant (Kim Gallagher)	\$76.00	Hour	10	\$760.00
CAD/GIS/BIM Analyst (Justin Rickey, Vanessa Vasquez)	\$67.00	Hour	16	\$1,072.00
<b>MONTROSE MATERIALS AND EXPENSES</b>				
Equipment Mobilization/Demobilization	\$6,500.00	Each	2	\$13,000.00
AFFF Cleaning System & Transition Equipment Rental	\$13,700.00	Week	7	\$95,900.00
Field Team Mobilization/Demobilization	\$10,000.00	LS	1	\$10,000.00
3rd Party Rental Equipment	\$15,000.00	LS	1	\$15,000.00
ECT2 Proprietary Chemical Solution	\$2,300.00	Each	10	\$23,000.00
275-Gallon IBC Tote (incl delivery)	\$375.00	Each	32	\$12,000.00
55 Gallon Drum (DOT Open Top Metal)	\$80.00	Each	1	\$80.00
12'x50' Containment Berm Rental	\$1,100.00	4 weeks	2	\$2,200.00
<b>AFFF CONCENTRATE &amp; RINSE WASTEWATER INCINERATION - CLEAN HARBORS*</b>				
AFFF Concentrate Incineration	\$5.25	pound	36,000	\$189,000.00
AFFF Concentrate Transportation (14, 275-gal totes)	\$7,600	pickup	1	\$7,600.00
AFFF Concentrate Recovery Fee (15%)	\$29,490.00	each	1	\$29,490.00
Waste Fee	\$104.40	each	1	\$104.40
AFFF Rinse Wastewater Incineration (26, 275-gal totes)	\$1,875.00	275-gal tote	26	\$48,750.00
AFFF Concentrate Transportation (26, 275-gal totes)	\$7,600	pickup	2	\$15,200.00
AFFF Concentrate Recovery Fee (15%)	\$9,592.50	each	1	\$9,592.50
Waste Fee	\$188.66	each	1	\$188.66
Manifest Fee	\$27.00	Each	6	\$162.00
<b>ANALYTICAL SERVICES - SGS NORTH AMERICA INC</b>				
Perfluoalkyl Substances in Water (ASTM 8421)	\$265.00	Each	21	\$5,565.00
<b>Montrose NTE Labor Fees</b>	<b>\$108,052.00</b>		18%	
<b>Montrose NTE Expenses</b>	<b>\$171,180.00</b>		29%	
<b>NTE Subcontractor Expenses</b>	<b>\$305,652.56</b>			
SGS Labs	\$5,565.00		1%	
Clean Harbors*	\$300,087.56		51%	
<b>Total NTE Amount</b>	<b>\$584,884.56</b>			
The above referenced fees and expenses are estimated. Actual fees and expenses will vary based on scope of work performed.				
*Clean Harbors' actual costs may vary due to changing disposal pricing. An updated quote will be obtained once the work schedule has been established.				

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**Attachment B**  
**Subcontractor Backup**

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Clean Harbors Environmental Services, Inc.  
7001 Kilo Avenue  
Bartow, FL 33830  
www.cleanharbors.com

September 16, 2024

Attn: Mr. Jim Cotton  
MONTROSE ENVIRONMENTAL SOLUTIONS INC  
5858 South Semoran Boulevard  
Orlando, FL 32822

Quote #4728516, Greater Orlando Aviation Authority (GOAA), Orlando, FL

Dear Mr. Cotton:

Thank you for considering Clean Harbors Environmental Services, Inc. (Clean Harbors) for your waste management needs. We are pleased to provide you with pricing for the following waste streams. This quotation is based upon the information that you have provided.

We offer our clients a broad spectrum of environmental services and the ability to dispose of hazardous material at or through a Clean Harbors' owned and operated facility. In addition to managing your waste streams, a Clean Harbors' professional can assist you with:

- Waste Transportation & Disposal
- Laboratory Chemical Packing
- Field Services
- 24-Hour Environmental Emergency Response
- Industrial Services
- InSite Services

Clean Harbors has the appropriate permits and licenses for the acceptance and disposal of the waste streams identified within this quotation.

I look forward to servicing your environmental needs. When you are ready to place an order, please contact our Customer Service group at 800.444.4244. If you have any questions or need further assistance, you may reach me at the number below.

Sincerely,

Tim Lester  
Clh Account Mgr  
Phone: 863.533.6111  
LESTER.TIMOTHY@cleanharbors.com



**DISPOSAL**

Profile/ Waste Code	Waste Description	Qty	UOM	Price	Total
B40R	SPECIAL HANDLING HALOGENATED ORGANICS	36000	pounds	\$5.25	*\$189,000.00
				<b>Total</b>	<b>\$189,000.00</b>

\*The following minimum price(s) will apply:

Profile/Waste Code	UOM	Minimum Price
B40R	tote tank < 300g	\$9,187.50

**Surcharges (if applicable)**

Description	Rate	UOM	Lower Limit	Upper Limit	Range UOM
<i>Waste Code B40R:</i>					
Surcharge for high halogens/chlorine	\$0.40	Pounds	21.00	50.00	Percent

**TRANSPORTATION**

Dispatch Location	Price	UOM	Total
Bartow, FL Hub	\$7,600.00	pickup	\$7,600.00

A demurrage charge of \$115.00 per hour will apply as follows:

Number of Containers	Allowable Loading Time
1 to 10	0.5 hour(s)
11 to 15	0.75 hour(s)
16 to 25	1 hour(s)
26 to 35	1.25 hour(s)
36 to 40	1.5 hour(s)
41 to 45	1.5 hour(s)
46 to 50	1.75 hour(s)
51 to 80	2 hour(s)

<b>ESTIMATED E-MANIFEST FEE (quantity 3)</b>	<b>\$81.00</b>
<b>ESTIMATED RECOVERY FEE</b>	<b>\$29,490.00</b>
<b>ESTIMATED WASTE FEE</b>	<b>\$104.40</b>
<b>QUOTE TOTAL ESTIMATE</b>	<b>\$226,275.40</b>



## GENERAL CONDITIONS

- 1.-B40R disposal pricing is for the AFFF concentrate. 15 totes tanks total, estimated weight of each tote tank is 2400 pounds.
- 2.-A22K disposal pricing is for the AFFF rinsewaters.
- 3.-TOT2 = tote tanks  $\leq$  275 gallons each.
- 4.-Disposal prices are estimates and contingent on the receipt and approval of waste profiles for both the AFFF concentrate and AFFF Rinsewater.
- 5.-Transportation is a flat rate for a full van-load of TOT2 tanks from 1 Jeff Fuqua Blvd, Orlando to Clean Harbors El Dorado AR. \$7600.00 per load flat-rate. Number of tote tanks per load is contingent on DOT weight limits.
- 6.Except where superseded by an existing services agreement the following terms and conditions apply to this quoted business.
- 7.Prices firm for 30 days.
- 8.Terms: Net 15 Days
- 9.Interest will be charged at 1.5% per month or the maximum allowed by law for all past due amounts.
- 10.Local, state and federal fees/taxes applying to the generating location/receiving facilities are not included in disposal pricing and will be added to each invoice as applicable.
- 11.Materials subject to additional charges if they do not conform to the listed specifications.
- 12.All drums for disposal must be in D.O.T. approved containers and in good condition.
- 13.All containers must be marked with Clean Harbors' profile number.
- 14.Clean Harbors will provide a manifest and necessary labels for transportation with a charge of \$1.80 per label.
- 15.A Profile Approval Fee of \$125 and Profile Recertification fee of \$35 for recertification will be charged upon profile approval or recertification.
- 16.Clean Harbors supports many invoice delivery options (E-mail, Electronic Invoicing, EDI, Etc.). Pricing is based on Clean Harbors' standard invoice delivery method of E-mail. If another delivery method is required there could be an additional service fee per invoice. Any alternate delivery methods must be reviewed and approved by Clean Harbors prior to acceptance and implementation.
- 17.Compressed gas cylinders requiring special handling due to inoperable valves will be assessed an additional charge of \$400.00 per cylinder. Cylinders larger than medium size will be quoted case by case. This charge may be sent as supplemental invoice.
- 18.A variable Recovery Fee (that fluctuates with the DOE national average diesel price), currently at 15.0%, will be applied to the total invoice. For more information regarding our recovery fee calculation please go to: [www.cleanharbors.com/contact-us/customer-resources](http://www.cleanharbors.com/contact-us/customer-resources).
- 19.Transportation rates are based on milkrun pickups. Additional costs may be incurred for out of milkrun service.
- 20.Pickups that require same day or next day service may be subject to additional charges.
- 21.Pickups cancelled within 72 hours of scheduling will be subject to cancellation charges.
- 22.Transportation charges to the final disposal facility will be charged in addition to local transportation to our truck to truck hub/local facility and will vary with logistics and routing.



**GENERAL CONDITIONS**

- 23.Out of Service (OSD) for PCB incinerables should be clearly identified in Section 14 of the manifest. Prices for these items are only effective if received within 6 months of the OSD.
- 24.Standard disposal conversions (excluding minimums) apply to containers other than 5 gallon drums: 6-20g 60%, 21-30g 75%, 31-55g 100%, 56-85g 145%, FBIN 350%, TOT2(<300gal TOTE) 500%, TOTE 630%.
- 25.In the event that legal or other action is required to collect unpaid invoice balances, Customer agrees to pay all costs of collection, including reasonable attorneys' fees, and agrees to the jurisdiction of the Commonwealth of Massachusetts.
- 26.E-Manifests: EPA Requires electronic filing and reporting of manifest. To cover the cost of the E-Manifest and administrative cost of entering manifest into the system and managing the data, Clean Harbors will charge \$27 per manifest on every invoice.
- 27.Unless specifically noted, these rates are not valid where Prevailing Wages and / or certified payroll apply. Any Prevailing Wage rates will be quoted on a case-by-case basis.

**WASTE CLASSIFICATIONS SPECIFICATIONS**

Waste Code	Description
B40R	<p><b>Special Handling Halogenated Organics</b></p> <p>May require special handling            Source of PCB Less than 50 ppm            Halogens or Sulfur greater than 5 percent            May include material with boiling points less than 120F            Liquid, sludge and viscous materials            Must not set-up with water or with organic solvents            PRIMARY DISPOSAL METHOD: DESTRUCTION INCINERATION</p>

**ACKNOWLEDGEMENT**

Your signature below indicates your acceptance of the pricing and terms detailed in the quote above.

Thank you for the opportunity to be of service.

---

Signature PO# Date

Print Name

Quote # 4728516



Clean Harbors Environmental Services, Inc.  
7001 Kilo Avenue  
Bartow, FL 33830  
www.cleanharbors.com

September 16, 2024

Attn: Mr. Jim Cotton  
MONTROSE ENVIRONMENTAL SOLUTIONS INC  
5858 South Semoran Boulevard  
Orlando, FL 32822

Quote #4728516, Greater Orlando Aviation Authority (GOAA), Orlando, FL

Dear Mr. Cotton:

Thank you for considering Clean Harbors Environmental Services, Inc. (Clean Harbors) for your waste management needs. We are pleased to provide you with pricing for the following waste streams. This quotation is based upon the information that you have provided.

We offer our clients a broad spectrum of environmental services and the ability to dispose of hazardous material at or through a Clean Harbors' owned and operated facility. In addition to managing your waste streams, a Clean Harbors' professional can assist you with:

- Waste Transportation & Disposal
- Laboratory Chemical Packing
- Field Services
- 24-Hour Environmental Emergency Response
- Industrial Services
- InSite Services

Clean Harbors has the appropriate permits and licenses for the acceptance and disposal of the waste streams identified within this quotation.

I look forward to servicing your environmental needs. When you are ready to place an order, please contact our Customer Service group at 800.444.4244. If you have any questions or need further assistance, you may reach me at the number below.

Sincerely,

Tim Lester  
Clh Account Mgr  
Phone: 863.533.6111  
LESTER.TIMOTHY@cleanharbors.com



**DISPOSAL**

Profile/ Waste Code	Waste Description	Qty	UOM	Price	Total
A22K	LOW BTU ORGANIC LIQUID	26	tote tank < 300g	\$1,875.00	\$48,750.00
				<b>Total</b>	<b>\$48,750.00</b>

**TRANSPORTATION**

Dispatch Location	Price	UOM	Total
Bartow, FL Hub	\$15,200.00	pickup	\$15,200.00

A demurrage charge of \$115.00 per hour will apply as follows:

Number of Containers	Allowable Loading Time
1 to 10	0.5 hour(s)
11 to 15	0.75 hour(s)
16 to 25	1 hour(s)
26 to 35	1.25 hour(s)
36 to 40	1.5 hour(s)
41 to 45	1.5 hour(s)
46 to 50	1.75 hour(s)
51 to 80	2 hour(s)

<b>ESTIMATED E-MANIFEST FEE (quantity 3)</b>	<b>\$81.00</b>
<b>ESTIMATED RECOVERY FEE</b>	<b>\$9,592.50</b>
<b>ESTIMATED WASTE FEE</b>	<b>\$188.66</b>
<b>QUOTE TOTAL ESTIMATE</b>	<b>\$73,812.16</b>

**GENERAL CONDITIONS**

- 1.-B40R disposal pricing is for the AFFF concentrate. 15 totes tanks total, estimated weight of each tote tank is 2400 pounds.
- 2.-A22K disposal pricing is for the AFFF rinsewaters.
- 3.-TOT2 = tote tanks <= 275 gallons each.
- 4.-Disposal prices are estimates and contingent on the receipt and approval of waste profiles for both the AFFF concentrate and AFFF Rinsewater.
- 5.-Transportation is a flat rate for a full van-load of TOT2 tanks from 1 Jeff Fuqua Blvd, Orlando to Clean Harbors El Dorado AR. \$7600.00 per load flat-rate. Number of tote tanks per load is contingent on DOT weight limits.



## GENERAL CONDITIONS

6. Except where superseded by an existing services agreement the following terms and conditions apply to this quoted business.
7. Prices firm for 30 days.
8. Terms: Net 15 Days
9. Interest will be charged at 1.5% per month or the maximum allowed by law for all past due amounts.
10. Local, state and federal fees/taxes applying to the generating location/receiving facilities are not included in disposal pricing and will be added to each invoice as applicable.
11. Materials subject to additional charges if they do not conform to the listed specifications.
12. All drums for disposal must be in D.O.T. approved containers and in good condition.
13. All containers must be marked with Clean Harbors' profile number.
14. Clean Harbors will provide a manifest and necessary labels for transportation with a charge of \$1.80 per label.
15. A Profile Approval Fee of \$125 and Profile Recertification fee of \$35 for recertification will be charged upon profile approval or recertification.
16. Clean Harbors supports many invoice delivery options (E-mail, Electronic Invoicing, EDI, Etc.). Pricing is based on Clean Harbors' standard invoice delivery method of E-mail. If another delivery method is required there could be an additional service fee per invoice. Any alternate delivery methods must be reviewed and approved by Clean Harbors prior to acceptance and implementation.
17. Compressed gas cylinders requiring special handling due to inoperable valves will be assessed an additional charge of \$400.00 per cylinder. Cylinders larger than medium size will be quoted case by case. This charge may be sent as supplemental invoice.
18. A variable Recovery Fee (that fluctuates with the DOE national average diesel price), currently at 15.0%, will be applied to the total invoice. For more information regarding our recovery fee calculation please go to: [www.cleanharbors.com/contact-us/customer-resources](http://www.cleanharbors.com/contact-us/customer-resources).
19. Transportation rates are based on milkrun pickups. Additional costs may be incurred for out of milkrun service.
20. Pickups that require same day or next day service may be subject to additional charges.
21. Pickups cancelled within 72 hours of scheduling will be subject to cancellation charges.
22. Transportation charges to the final disposal facility will be charged in addition to local transportation to our truck to truck hub/local facility and will vary with logistics and routing.
23. Out of Service (OSD) for PCB incinerables should be clearly identified in Section 14 of the manifest. Prices for these items are only effective if received within 6 months of the OSD.
24. Standard disposal conversions (excluding minimums) apply to containers other than 5 gallon drums: 6-20g 60%, 21-30g 75%, 31-55g 100%, 56-85g 145%, FBIN 350%, TOT2(<300gal TOTE) 500%, TOTE 630%.
25. In the event that legal or other action is required to collect unpaid invoice balances, Customer agrees to pay all costs of collection, including reasonable attorneys' fees, and agrees to the jurisdiction of the Commonwealth of Massachusetts.



**GENERAL CONDITIONS**

26.E-Manifests: EPA Requires electronic filing and reporting of manifest. To cover the cost of the E-Manifest and administrative cost of entering manifest into the system and managing the data, Clean Harbors will charge \$27 per manifest on every invoice.

27.Unless specifically noted, these rates are not valid where Prevailing Wages and / or certified payroll apply. Any Prevailing Wage rates will be quoted on a case-by-case basis.

**WASTE CLASSIFICATIONS SPECIFICATIONS**

Waste Code	Description
A22K	<p><b>Low Btu Organic Liquid</b></p> <p>DRUM SPECIFICATIONS:            pH 4-11, no D002 Acids allowed            Ammonia less than 10 percent            Source of PCB &lt;50 ppm            Heating value less than 5000 BTUs per pound            Less than 5 percent organic halogens            Less than 5 percent Sulfur            Viscosity less than 150 centipoise            Must not set-up in water or with organic solvents            Less than one inch of solids in the drum            No pesticides            PRIMARY DISPOSAL METHOD: DESTRUCTION INCINERATION</p>

**ACKNOWLEDGEMENT**

Your signature below indicates your acceptance of the pricing and terms detailed in the quote above.

Thank you for the opportunity to be of service.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
PO#

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

Quote # 4728516

## Jim Cotton

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**From:** Gaudios, Susan (Orlando) <Susan.Gaudios@sgs.com>  
**Sent:** Monday, September 16, 2024 1:16 PM  
**To:** Jim Cotton  
**Subject:** Re: [EXTERNAL] PFAS costs & ASTM 8421

Method 1633

AQ \$385

SO \$405

Method 8421 \$265

Sent from my Verizon, Samsung Galaxy smartphone  
Get [Outlook for Android](#)

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**From:** Jim Cotton <jicotton@montrose-env.com>  
**Sent:** Friday, September 13, 2024 4:11:41 PM  
**To:** Gaudios, Susan (Orlando) <Susan.Gaudios@sgs.com>  
**Subject:** [EXTERNAL] PFAS costs & ASTM 8421

**\*\*\* WARNING: this message is from an EXTERNAL SENDER. Please be cautious, particularly with links and attachments. \*\*\***

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Hi,

Following up on our call, would you pls provide costs for 1633 aqueous and 8421 aqueous? Also, can you confirm that 8421 includes 6:2 FTS?

Thanks!

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**Attachment C**  
**Truth in Negotiation Certification**

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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 Montrose Environmental Solutions, Inc.

By: *James E. Cotton*

Print Name: James E. Cotton

Date: September 17, 2024

## Addenda / Amendments Awarded per Agreement - Summary for Committee

### Montrose Environmental Solutions, Inc. -- Agreement No. 202311-CEE2 Continuing Environmental Engineering Consultant Services

<i>Add</i>	<i>Amd</i>	<i>Proj.</i>	<i>Description</i>	<i>PSC/CCM</i>	<i>Board</i>	<i>Exec.</i>	<i>PO#</i>	<i>\$ Amount</i>	<i>Cumul. per Add. \$ Amount</i>	
000	000	-	Continuing Environmental Engineering Consultant Services	<b>PSC</b>	11/15/23	12/13/23	01/12/24	\$0.00	\$0.00	
001	000	-	FY24 On Call Environmental Compliance Services	<b>PSC</b>	07/23/24	NA	08/01/24	97846	\$30,000.00	\$30,000.00
002	000	-	FY25 On Call Environmental Engineering Services	<b>PSC</b>	09/03/24	NA	09/05/24	98195	\$30,000.00	\$30,000.00
003	000	-	FY25 MCO On Call Baseline Environmental Impact Investigations Services	<b>PSC</b>	01/07/25	NA	01/15/25	98666	\$25,000.00	\$25,000.00
004	000	-	FY25 MCO On Call Environmental Engineering Services	<b>PSC</b>	01/07/25	NA	01/15/25	98619	\$50,000.00	\$50,000.00
005	000	-	FY25 On Call Emergency Spill Response and Baseline Environmental Impact Investigations	<b>PSC</b>	01/21/25	NA	01/24/25		\$25,000.00	\$25,000.00
006	000	W-00555-MCO	W-00555-MCO ENVIRONMENTAL COMPLIANCE FY25 On Call Environmental Compliance Services for W-555	<b>CCM</b>	02/11/25	NA	02/17/25		\$25,000.00	\$25,000.00
007	000	W-00556-MCO	W-00556-MCO ENVIRONMENTAL WASTE MANAGEMENT SUPPORT FY25 On Call Environmental Waste Management Support Services for W-556	<b>CCM</b>	02/11/25	NA	02/17/25	1007910	\$50,000.00	\$50,000.00
<b>Total for Montrose Environmental Solutions, Inc. for Agreement No. 202311-CEE2</b>								<b>\$235,000.00</b>		

**ATTACHMENT A**

**FINANCE FORM**

<b>Date:</b>	<u>June 17, 2025</u>	<b>Requestor's Extension:</b>	<u>X3555</u>
<b>Requestor's Name:</b>	<u>Keegan O'Brien</u>	<b>Preparer's Extension:</b>	<u>X3555</u>
<b>Preparer's Name:</b>	<u>Keanu Dziczek</u>	<b>Solicitation #:</b>	<u>N/A</u>
<b>Requestor's Department:</b>	<u>Environmental</u>	<b>Contract # / Name:</b>	<u>Environmental Engineering Consulting Services</u>
<b>Description:</b>	<u>ARFF Truck Clean Out</u>	<b>Procurement Committee Date:</b>	<u>July 1, 2025</u>
<b>Vendor:</b>	<u>Montrose Environmental Solutions Inc.</u>	<b>Agenda Item #:</b>	<u></u>

**NON-PROJECT FUNDS: O&M**

<b>Account Code Format: xxx.xxx.xxx.xxxxxxx.xx x.xxxxxx</b>	<b>FY 23 Amount</b>	<b>FY24 Amount</b>	<b>FY25 Amount</b>	<b>FY26 Amount</b>	<b>FY27 Amount</b>	<b>TOTAL CONTRACT</b>
301.712.170.5310010.000. 000000			\$584,884.56			
<b>Total Requisition:</b>			\$584,884.56			
<b>Requisition Number:</b>			TBD			
<b>Funding Approver:</b> <i>Andrea Harper</i>						
<b>OMB Notes:</b> Board to approve Budget Transfer						



## **MEMORANDUM**

DATE: July 01, 2025

TO: Members of the Procurement Committee

FROM: Amber Johnson, AVP, Business Opportunity & Exchange

## **ITEM DESCRIPTION**

Request for Recommendation to the Aviation Authority Board for Approval of an Amendment to Addendum to the Continuing Environmental Engineering Consultant Services Agreement with Montrose Environmental Solutions, Inc. for ARFF Truck Cleanout at the Orlando International Airport (MCO).

## **SMALL BUSINESS**

We have reviewed the qualifications of the subject contract's LDB/VBE specifications and determined that, Montrose Environmental Solutions, Inc. does not propose LDB/VBE participation in this Addendum.

## Memorandum

DATE: July 16, 2025

TO: Members of the Aviation Authority

FROM: Marquez Griffin, Chair, Procurement Committee

## Item Description

Recommendation of the Procurement Committee to Approve of an Addendum to the Continuing Environmental Engineering Consultant Services Agreement with Montrose Environmental Solutions, Inc. for ARFF Truck Cleanout at the Orlando International Airport (MCO)

## Background

In 2023, the firms providing Continuing Environmental Engineering Consultant Services were selected through a competitive award process. These services are procured on an as needed or annual basis.

On December 13, 2023, the Aviation Authority Board approved a Continuing Environmental Engineering Consultant Services Agreement with the following firms:

- CDM Smith
- Montrose Environmental Solutions, Inc.
- Terracon Consultants, Inc.

These base agreements established the professional services. 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

On July 1, 2025, the PC recommend approval of an addendum to the above-reference agreement as follows:

- Provide removal of existing AFFF concentrate from tanks and associated system piping to prepare for transition to synthetic fluorine-free foam (SFFF) ten Aircraft Rescue and Fire

Fighting (ARFF) vehicles for the total amount of \$584,884.56, which includes the not to exceed fee amount of \$108,052.00 and not to exceed expenses amount of \$476,832.56, with funding from previously-approved Operation and Maintenance Funds. Services include draining and cleaning each ARFF truck/unit and prepare each for refilling.

### **Small Business**

The Office of Business Opportunity & Exchange has reviewed the Small Business program specifications and determined that there is a 0% participation for this procurement.

### **Alternatives**

There are no reasonable alternatives under consideration.

### **Fiscal Impact**

The fiscal impact is \$584,884.56. Funding is from previously approved Operation & Maintenance Funds.

### **Recommended Action**

It is respectfully requested that the Aviation Authority Board resolve to accept the recommendation of the Procurement Committee and; (1) approve Addendum to the Continuing Environmental Engineering Consultant Services Agreement with Montrose Environmental Solutions, Inc. (2) authorize funding in the not-to-exceed fee, amount of \$584,884.56 from the Operations & Maintenance Fund; (3) authorize budget transfer of \$584,884.56 from contingency (4) authorize the Chief Executive Officer or an Aviation Authority Officer to execute the necessary documents following satisfactory review by legal counsel.