

**ADDENDUM NO. 14
TO THE AGREEMENT DATED MAY 14, 2021
BETWEEN GREATER ORLANDO AVIATION AUTHORITY
AND VANASSE HANGEN BRUSTLIN, INC.**

Project: FY25 Water Quality Monitoring, Orlando Executive Airport

THIS ADDENDUM is effective this 1st day of October, 2024, by and between the **GREATER ORLANDO AVIATION AUTHORITY** (“Aviation Authority”), and **VANASSE HANGEN BRUSTLIN, INC.** (“Consultant”).

WITNESSETH:

WHEREAS, by Agreement dated May 14, 2021, Aviation Authority and Consultant entered into an agreement for Consultant to provide Continuing Environmental 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. Consultant shall be compensated for such additional services in the **NOT TO EXCEED amount of ONE HUNDRED FIFTEEN THOUSAND FOUR HUNDRED TWENTY-FOUR AND 60/100 DOLLARS (\$115,424.60)**, broken down as follows:

Professional Fees:	NTE:	\$57,529.00
Professional Fees:	LS:	\$0.00
Reimbursable Expenses:	NTE:	<u>\$57,895.60</u>
Total:		\$115,424.60

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. 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.


5. Except as expressly modified in this Addendum, the Agreement dated May 14, 2021 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 Sep 12, 2024.

GREATER ORLANDO AVIATION AUTHORITY

By: 
box SIGN 1V3Q39J4-4YZ3RPJY
Kevin J. Thibault, P.E.
Chief Executive Officer

**Approved as to Form and Legality
(for the benefit of GOAA only)
this day of Sep 9, 2024**


By: **box** SIGN 1J8RLK51-4YZ3RPJY
**NELSON MULLINS RILEY AND
SCARBOROUGH, Legal Counsel
Greater Orlando Aviation Authority**

VANASSE HANGEN BRUSTLIN, INC.

By: 
box SIGN 46798V6P-4YZ3RPJY
Signature (Duly Authorized Rep.)
Kathleen Keen

Printed Name
Managing Director - Gulf Coast

Title



MEMORANDUM

TO: Members of the Procurement Committee

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

DATE: September 3, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Environmental Consulting Services Agreement with Vanasse Hangen Brustlin, Inc. for FY25 Water Quality Monitoring at Orland Executive Airport.

BACKGROUND

In 2021, the firms providing Continuing Environmental Consulting Services were selected through a competitive award process. These services are procured on an as-needed or annual basis.

On April 21, 2021, the Aviation Authority Board approved a Continuing Environmental Consulting Services Agreement with the following firms:

- Breedlove, Dennis and Associates, Inc.
- Bio-Tech Consulting, Inc.
- DRMP, Inc.
- The Transit Group, Inc. d/b/a Ecological Associates, Inc.
- EXP U.S. Service, Inc.
- MSE Group, LLC
- Terracon Consultants, Inc.
- Vanasse Hangen Brustlin, Inc.

These no-cost base agreements established the negotiated hourly rates. The continuing environmental consulting services may include, but are not limited to, evaluation and assessment of wildlife issues, uplands and wetlands evaluation, habitat analysis, threatened and endangered species issues, jurisdictional wetland determinations, water quality analysis, land management, and monitoring of wetlands mitigation on facilities operated or purchased by the Aviation Authority and all other related services including coordination with the Aviation Authority, its Consultants, the City of Orlando and all agencies having jurisdiction over the facilities. The Services may also include preparation of required notices and reports, coordination and providing assistance with requirements of authorities having jurisdiction over various mitigation sites, documentation of existing environmental conditions, preparation of environmental studies, technical support, and assistance with permitting activities which may be required where the Aviation Authority elects not to solicit letters of interest by means of public advertisement.

ISSUES

Consultant's proposal, dated August 20, 2024, is to provide water quality monitoring. Discharge measurements, continuous stage/discharge monitoring and data downloads, and annual report preparation.

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

EXHIBIT A

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

SMALL BUSINESS

The Minority and Women Business Enterprise (MWBE), Local Developing Business (LDB) and/or Veteran Business Enterprise (VBE) has been reviewed by the Aviation Authority's Small Business Development Department. The findings and recommendation are attached.

ALTERNATIVES

None.

FISCAL IMPACT

The fiscal impact is \$115,242.60. Funding is from Operation and Maintenance Funds, subject to Aviation Authority Board adoption of the FY25 Aviation Authority Budget.

RECOMMENDED ACTION

It is respectfully requested that the Procurement Committee approve an Addendum to Continuing Environmental Consulting Services Agreement with Vanasse Hangen Brustlin, Inc. for the services contained herein and the amount as shown below:

Not to Exceed Fees	\$57,529.00
Lump Sum Fees	\$0.00
Not to Exceed Expenses	\$57,895.60
TOTAL	\$115,424.60
CRI – Compliance Review Date	DL 8/29/24
CRI – Funding Eligibility Review Date	8/29/24



August 20, 2024

Ms. Keegan O'Brien, P.E.
Greater Orlando Aviation Authority
Orlando International Airport
5855 Cargo Road
Orlando, Florida 32827-4399

RE: Water Quality and Flow Monitoring at the Orlando Executive Airport

Dear Mr. Carrington:

VHB has prepared a scope and fee to continue the Water Quality and Flow Monitoring Project at the Orlando Executive Airport. This project was initiated in 2013 to develop the water quality and flow data necessary to calculate nutrient loads entering Lake Barton from the airport.

As outlined in Exhibit A, the scope of work includes the water quality monitoring, discharge measurements, continuous stage/discharge monitoring and data downloads, and annual report preparation. This scope and fee are to continue the monitoring during FY 2025.

The total estimated fee for this scope of work is \$115,424.60 as outlined in Exhibit B.

Thank you for this opportunity and please don't hesitate to contact me if you have any questions.

Most respectfully provided,

A handwritten signature in blue ink that reads "Gary M. Serviss".

Gary M. Serviss
Southeast Region Environmental Services Leader

Engineers | Scientists | Planners | Designers

225 E. Robinson Street, Suite 300
Landmark Center Two
Orlando, Florida 32801
P 407.839.4006
F 407.839.4008

EXHIBIT A

Scope of Work for Water Quality and Flow Monitoring At the Orlando Executive Airport Prepared by VHB for The Greater Orlando Aviation Authority

The State of Florida's Environmental Regulatory Commission adopted Numeric Nutrient Criteria (NNC) proposed by the Department of Environmental Regulation (DEP). The DEP NNC are now in effect and are more stringent for Total Nitrogen (TN) and Total Phosphorus (TP) concentration limits in flowing systems (streams) and for TN, TP and Chlorophyll *a* for lakes.

VHB previously evaluated the Greater Orlando Aviation Authority's (GOAA's) potential risks associated with the proposed numeric nutrient criteria for the Orlando International Airport (MCO) and Orlando Executive Airport (ORL). The evaluation report noted that Lake Barton has been deemed "impaired" for nutrients. Typically, landowners within the watershed of impaired waters will be required to reduce their discharge (loading) of nutrients to limit the total nutrient loading to a level at which the waterbody is no longer impaired. Once deemed impaired, a Total Maximum Daily Load (TMDL) will be established by DEP for the basin/downstream waterbody and load allocations will be assigned through the Basin Management Action Plan (BMAP) process. GOAA's ORL property will be pulled into the BMAP process and some nutrient limits will be set for discharges from the property.

As such, GOAA contracted with VHB to implement a water quality and flow monitoring program at the Orlando Executive Airport in December 2013. The program is important since it will document the volume and quality of water entering and leaving the ORL property so that their pollutant load can be quantified. The continuation of the monitoring program described below will serve to develop the data needed to calculate the nutrient loads generated on the ORL properties.

The monitoring program includes water quality monitoring and data download, calibration and maintenance of the previously installed stage and discharge monitoring equipment to document the quality and volume of water entering and leaving the ORL property. Defining the stage/discharge relationship for each monitoring site requires measuring discharge over a range of flow conditions. The rating curves for each site will continue to be refined and modified as necessary this year.

1.1 Water Quality Sampling Program

Water quality sampling will occur on a quarterly basis at the six sites shown on Figure 1. Samples will not be collected unless the water is flowing at that site as the quality may not be indicative of the water discharged. The offsite discharge from the north and west, sampled at Sites 1A and 2A, only occurs

Scope of Work for Water Quality and Flow Monitoring

immediately after a rainfall event. To the greatest extent practical, sampling will occur as soon as possible after a rainfall event to maximize the chance to successfully collect a sample under flowing conditions. Provided below is the list of parameters and the proposed frequency of sampling for each parameter.

Quarterly Parameters: Ammonia, Nitrate/Nitrite, Total Kjeldahl Nitrogen, Total Nitrogen, Orthophosphate, Total Phosphorus, Turbidity, Total Suspended Solids, Biological Oxygen Demand, and Total Alkalinity. In addition, the following *in situ* parameters will be measured with a sonde: temperature, pH, conductivity, and dissolved oxygen.

The water quality monitoring previously included the collection of additional parameters on a bi-annual basis. This sampling was reduced to one time a year (annual) as a cost saving effort beginning in FY 2020. Annual Monitoring will be conducted during the summer.

Annual Parameters: Calcium, Magnesium, Hardness, Cadmium, Copper, Iron, Lead, Mercury, Zinc, FL Pro, Herbicides (Method 8151).

Work included in this subtask will be completed by the end of September 2025. Specific aspects of this task include:

- Four quarterly field sampling to collect water quality samples.
- Delivery of water quality samples to an analytical laboratory for analysis.
- Chemical analysis of water quality samples for the four sampling events.

Deliverables: Four field sampling events and associated water quality sample analyses.

1.2 Equipment Maintenance, Data Download, and Discharge Measurements

The data collected by the three stage recorders and three velocity meters will be downloaded each month. These monthly site visits will also serve to recalibrate the stage recorders and to clean and maintain the equipment as needed. Approximately twice per year the ADCP units will be cleaned by a SCUBA diver.

A series of discharge measurements will be collected through the year to develop and refine the stage/discharge relationship. Three measurements are planned from the notice to proceed through September 2025 and will be scheduled under various flow conditions.

The standard United States Geological Survey (USGS) mid-section method will be used to determine total streamflow where applicable. Flow will be measured using current meters approved by the USGS. The Price AA Current Meter, Pygmy Meter or ADCP will be used to obtain cross-sectional mean flow for ratings. Discharge measurements will be conducted such that sub-sections contain no more than 5% of

Scope of Work for Water Quality and Flow Monitoring

the total flow of the stream and will include a point-of-zero-flow (PZF) determination. Approximately 20-25 sub-sections will be taken for each measurement. The 0.6 method will be used in depths less than 2.5 ft and the 0.2 and 0.8 method will be used in depths greater than 2.5 ft. In the event an inverted velocity profile is encountered, the 0.2, 0.6, and 0.8 methods will be used to determine flow within that sub-section. Measurements will be made by wading, bridge crane, or boat. During site visits high water marks will be observed and evaluated to verify that the maximum-recorded stage is appropriate.

Standard discharge measurement notes (patterned after U.S. Department of the Interior Form 9-275-F) will be completed for each measurement, including a field spin test, start and end times, gauge readings, and remarks. All measurements will include notes as to the quality of the measurement, control conditions in the stream that may affect the gauge height/discharge relation, the staff gauge reading, and a PZF (if applicable). Portable flumes or volumetric methods may be used in cases of extreme low flow. The techniques and policies described in the USGS TWRI *Discharge Measurements at Gaging Stations* by T. J. Buchanan and W.P. Somers and USGS Water Supply Paper 2175 *Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge* by S.E. Rantz and others will be rigidly adhered to.

Discrepancies between the staff gauge and the recorder at each station will be noted and will indicate the immediate need for corrective action. The distance from a reference point (RP) to the water surface will be measured for each measurement and a record of this information placed on the measurement notes. A RP has been marked at each existing station to allow for this field comparison.

Discharge measurements plotting left or right of the base curve or a defined shift curve by more than 5% will be verified by a check measurement. The check measurement will be made at a different cross section, if possible, using a different meter and stopwatch. Documentation will be provided as to why the measurement does not agree with the current rating or shift curve.

Work included in this subtask can be completed by September 30, 2025. Specific aspects of this task include:

- 12 field inspections to calibrate and maintain the equipment and to download the stage and velocity data.
- Approximately three discharge measurements obtained under various flow conditions.
- Preparation of standard discharge measurement notes.

Deliverables: Data downloads, discharge field measurements and field notes.

1.3 Annual Report

The results of the FY 2024 quarterly water quality sampling and continuous stage/velocity monitoring shall be summarized in an annual report. The report will contain an introduction, methodology, results

Scope of Work for Water Quality and Flow Monitoring

and summary and conclusion sections. The results will be provided in tabular and graphic format with the data provided as hard copy or electronic appendices.

Discharge ratings will be developed as needed and defined by the discharge measurements and PZF's as described in USGS TWRI *Computation of Continuous Records of Streamflow* by E.J. Kennedy. All ratings will be developed on log-log paper with an appropriate scale offset, generally the gauge height of zero flow.

Discharge will be computed using the ratings developed above and the stage and velocity record recorded at the six sites. Datum corrections will be applied to the record as required base on field observations. Discharge will be computed for the unit value increment of the recorder (generally 15 or 60-minute). Discharge computations will be summarized in primary computations and the primary computations will be summarized as mean daily stage and discharge.

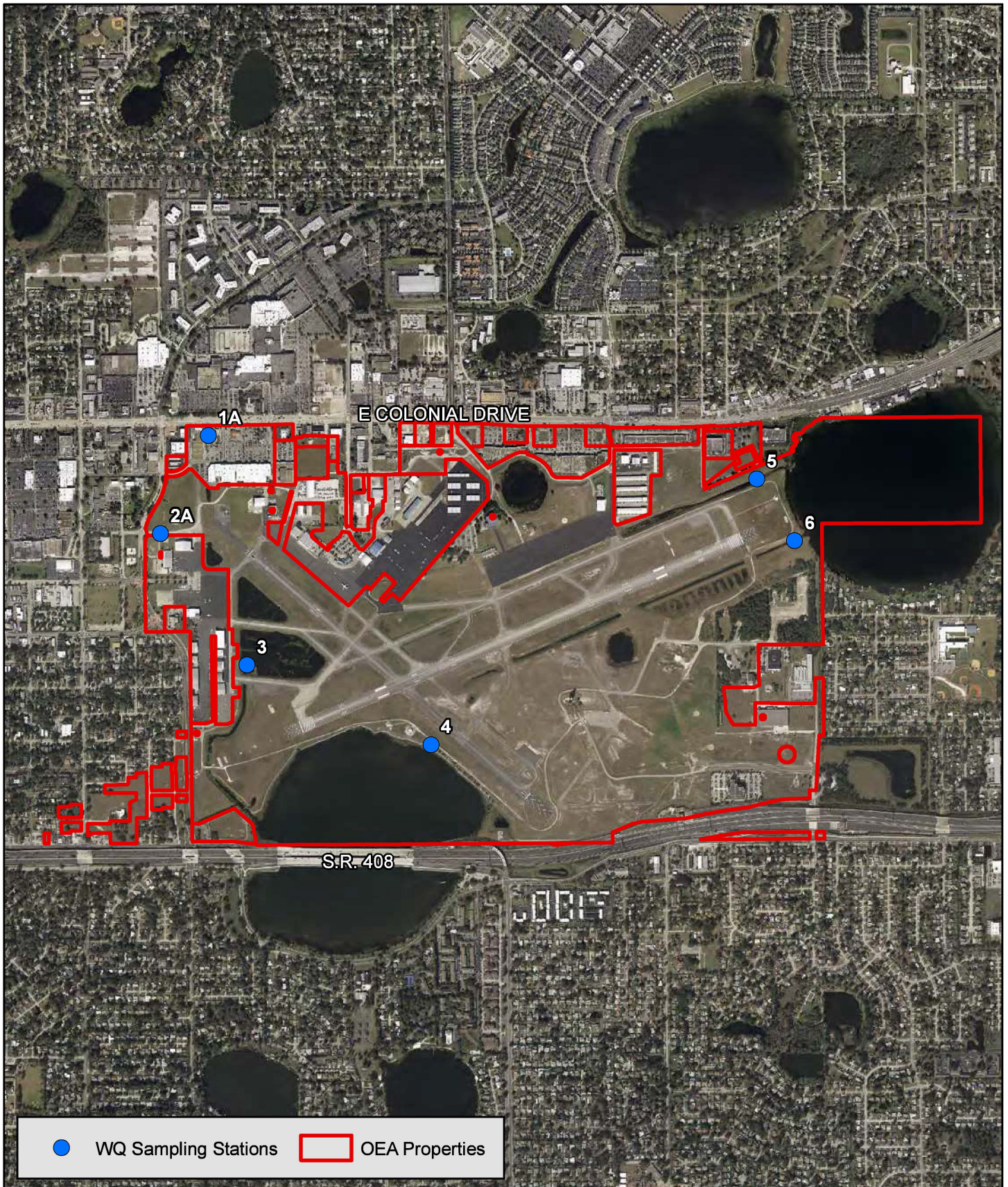
Water quality results shall be analyzed to calculate the maximum, minimum and geometric mean. The results shall be compared to State water quality standards (Chapter 62-302, Florida Administrative Code).

A draft report shall be initiated during the first half of the year. The final report shall be prepared and submitted within 30 days of receipt of comments from GOAA. Specific aspects of this task include:

- Rating curves developed on log-log paper with discharge measurements plotted (hard copy).
- Computation of discharge for each unit value (15, 60-minute) of recorded stage/velocity.
- Primary computations of discharge indicating hourly stage values.
- Primary computations of discharge indicating maximum, minimum and mean stage, and mean discharge for each day.
- Tabulated mean daily stage, discharge, indicating total, maximum, minimum, mean, and runoff in inches for each month
- Data file of all discharge measurements.
- Water quality data calculations and analysis
- Preparation of a draft and final report.

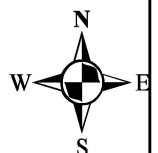
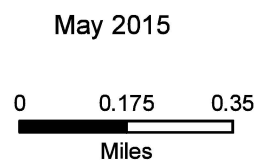
Deliverables: Stage/discharge data analysis, water quality analysis, draft and final annual report.

The total estimated fee for this task is \$115,424.60.



225 E. Robinson Street, Suite 300
 Landmark Center Two
 Orlando, FL 32801
 407.839.4006

Figure 1
 Station Location Map
 Orlando Executive Airport
 Orange County, Florida



Vanasse Hangen Brustlin, Inc.

EXHIBIT B

ORLANDO INTERNATIONAL AIRPORT

ORL Water Quality Monitoring

Staffing Cost Estimate

	Role	Firm	Total Hours	Hourly Rate	Total Fee
	Principal In Charge	VHB	8	\$445.00	0 \$3,560.00
	Sr. Project Manager	VHB	66	\$256.00	0 \$16,896.00
	Sr. Scientist II	VHB	8	\$202.00	0 \$1,616.00
	Environmental Specialist IV	VHB	253	\$121.00	0 \$30,613.00
	Environmental Specialist II	VHB	16	\$84.00	0 \$1,344.00
	Project Administrator	VHB	28	\$100.00	0 \$2,800.00
	GIS Manager	VHB	4	\$175.00	0 \$700.00
			0		\$0.00
			0		\$0.00
			383		\$57,529.00

SPECIALTY CONSULTANTS

Hydrologic Data Collection, Inc \$24,000.00
Benchmark Enviroanalytical Laboratory, Inc. \$8,190.60

SUBTOTAL \$89,719.60

REIMBURSABLE EXPENSES: \$25,705.00

TOTAL: \$115,424.60

Vanasse Hangen Brustlin, Inc.

EXHIBIT B

GREATER ORLANDO AVIATION AUTHORITY
ORL Water Quality Monitoring

Staffing Hour Estimate

2024	2025		
QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4
T1, T2, T3	T1, T2, T3	T1, T2, T3	T1, T2, T3

WORK TASK

ROLE	FIRM	INDIVIDUAL*	2023	2024		
			QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4
Principal in Charge	VHB	M. Lamb	2	2	2	2
Sr. Project Manager	VHB	G. Serviss	12	21	21	12
Sr. Scientist II	VHB	C. Smith	2	2	2	2
Environmental Specialist IV	VHB	M. Wielenga	62	65	65	61
Environmental Specialist I	VHB	M. Panny	4	4	4	4
Project Administrator	VHB	D. Miles	4	10	10	4
GIS Manager	VHB	S. Osiecki	0	2	2	0
TOTAL STAFF HOURS			86	106	106	85

*It is anticipated the above named personnel will be utilized in the accomplishment of this assignment. However, as the assignment is actually being accomplished, it may become necessary to supplement or change personnel in the best interest of completing the project.

Vanasse Hangen Brustlin, Inc.

EXHIBIT B
Greater Orlando Aviation Authority
ORL Water Quality Monitoring
Breakdown of Fixed Fees

ORL Water Quality Monitoring

Position:	Principal in Charge		Sr. Project Manager		Sr. Scientist II		Environmental Specialist IV		GIS Manager		Environmental Specialist I		Project Administrator		Total		
	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Manhours	Cost	Avg. Hourly Rate
Rate (\$/Hour):	\$445.00		\$256.00		\$202.00		\$121.00		\$175.00		\$84.00		\$100.00				
Tasks																	
1. Water Quality Sampling Program	4	\$1,780.00	8	\$2,048.00	4	\$808.00	56	\$6,776.00	0	\$0.00	8	\$672.00	4	\$400.00	84	\$12,484.00	\$149
2. Equipment Maintenance, Data Download, and Discharge Measurements	2	\$890.00	30	\$7,680.00	2	\$404.00	127	\$15,367.00	0	\$0.00	8	\$672.00	6	\$600.00	175	\$25,613.00	\$146
3. Annual Report	2	\$890.00	28	\$7,168.00	2	\$404.00	70	\$8,470.00	4	\$700.00	0	\$0.00	18	\$1,800.00	124	\$19,432.00	\$157
	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	#DIV/0!
	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	#DIV/0!
	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	#DIV/0!
Sub-Total	8	\$3,560.00	66	\$16,896.00	8	\$1,616.00	253	\$30,613.00	4	\$700.00	16	\$1,344.00	28	\$2,800.00	383	\$57,529.00	
Not-To-Exceed Expenses (company name)																\$25,705.00	
Not-To-Exceed Expenses (subconsultant)																\$32,190.60	
TOTAL NOT-TO-EXCEED FEE	8	\$3,560.00	66	\$16,896.00	8	\$1,616.00	253	\$30,613.00	4	\$700.00	16	\$1,344.00	28	\$2,800.00	383.0	\$115,424.60	

Expense Breakdown

Reproduction																	
8 1/2 x 11 B&W Prints	Prints @	\$0.10	=	\$0.00	(draft water quality analysis report)												
8 1/2 x 11 Color Prints	Prints @	\$1.50	=	\$0.00	(draft water quality analysis report)												
11 x 17 Color Prints	Prints @	\$2.50	=	\$0.00	(draft water quality analysis report)												
24x36 Blueprints	Prints @	\$9.00	=	\$0.00													
					Sub-Total Reproduction												\$0.00
Monitoring Equipment Rental																	\$25,520.00
Misc. material/supplies/ice																	\$185.00
Postage	0 Reports @	\$5.00	per letter =	\$0.00													\$ -
Delivery service	0 trips @	\$	per trip =														\$
					Sub-Total Misc												\$25,705.00
TOTAL EXPENSES																	\$25,705.00

Vanasse Hangen Brustlin, Inc.

EXHIBIT B

GREATER ORLANDO AVIATION AUTHORITY

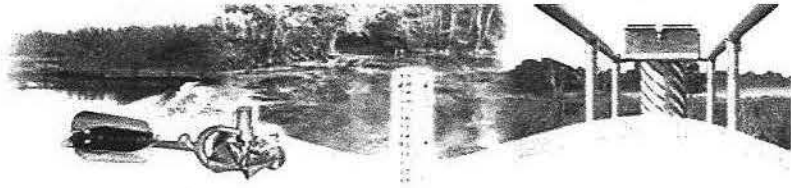
ORL Water Quality Monitoring

Subconsultants

	Task 1	Task 2	Task 3	Total
Hydrologic Data Collection, Inc		\$3,000.00	\$21,000.00	\$24,000.00
Benchmark Enviroanalytical Laboratory, Inc.	\$8,190.60			\$8,190.60
TOTAL FEE	\$8,190.60	\$3,000.00	\$21,000.00	\$32,190.60

2024 Rental Equipment Summary

<u>Task</u>	<u>Item</u>	<u>Unit Cost</u>	<u>Number of Units</u>	<u>Number of Events</u>	<u>Total Cost</u>
Water Quality Monitoring	Field Vehicle	\$50/day	1	4	\$ 200.00
	Peristaltic Pump	\$50/day	1	4	\$ 200.00
	Sontek Flow Tracker	\$130/day	1	4	\$ 520.00
	YSI Data Sonde	\$130/day	1	4	<u>\$ 520.00</u>
				Total	\$ 1,440.00
Discharge Monitoring	Field Vehicle	\$50/day	1	15	\$ 750.00
	Tablet PC	\$50/day	1	15	\$ 750.00
	Sontek IQ ADCP	\$400/month	3	12	\$ 14,400.00
	In Situ Pressure Transducer	\$200/month	3	12	\$ 7,200.00
	SCUBA Gear	\$100/Day	1	2	\$ 200.00
	Sontek Flow Tracker	\$130/day	1	6	<u>\$ 780.00</u>
				Total	\$ 24,080.00
				Grand Total	\$ 25,520.00



August 15, 2024

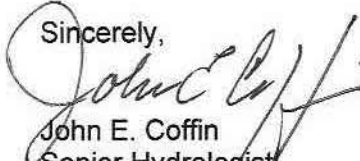
Mr. Gary Serviss
VHB, Inc
301 North Cattlemen Rd, Suite 105
Sarasota, FL 34232

Dear Mr. Serviss:

Per your request, we are pleased to provide the following quote regarding conducting discharge measurements and the stage and discharge computations for six sites in the vicinity of Orlando Executive Airport during the 2025 Fiscal Year.

Orlando Executive Airport				
2025 FY Discharge Measurements and 2024 FY Data Computations Quote				
Task	Description	Qty	Unit Price	Extended Price
For the 2025 FY				
1	Conduct 3 discharge measurements at each of the 6 sites, OEA 1-6, From January 1, 2025 through December 31, 2025.	3	\$1,000.00	\$3,000.00
2	Compute stage and discharge data at each of the 6 sites, OEA 1-6, for January 1, 2024 through December 31, 2024.	1	\$21,000.00	\$21,000.00
Total				\$24,000.00

We trust this information will meet your needs. Please feel free to contact us if we can be of any further assistance in this matter.

Sincerely,

John E. Coffin
Senior Hydrologist

BENCHMARK ENVIROANALYTICAL INC

1711 12th St East
Palmetto FL 34221

tel: (941)723-9986
fax: (941)723-6061

Lab Director email: dale.dixon@benchmarkea.net

Benchmark EA, Inc. utilizes the federal E-Verify program as required by FL law in contracts with public employers.

QUOTATION VHB Inc. AIRPORT QUARTERLY & ANNUAL 08-20-24

Contact: GARY SERVISS

Date: 08-20-24

Company: VHB

Phone No: 941.256.7151

Address: 301 North Cattlemen Rd Suite 105
Sarasota FL 34232-6429

Email: GSERVISS@VHB.com

PARAMETER	METHOD	MDL	MATRIX	EACH COST	TOTAL COST	COMMENTS
SIX SITES QUARTERLY						
AMMONIA AS N	350.1	0.012 MG/L	SW	\$19.00	\$114.00	6 sta / qtr
NITRATE/NITRITE AS N	353.2	0.004 MG/L	SW	\$17.00	\$102.00	6 sta / qtr
TOTAL KJELDAHL NITROGEN (TKN)	351.2	0.05 MG/L	SW	\$27.00	\$162.00	6 sta / qtr
TOTAL NITROGEN	351.2+353.2	CALC	SW	\$2.00	\$12.00	6 sta / qtr
ORTHOPHOSPHATE AS P (field filtered)	365.3	0.002 MG/L	SW	\$22.00	\$132.00	6 sta / qtr
TOTAL PHOSPHORUS	365.3	0.008 MG/L	SW	\$25.00	\$150.00	6 sta / qtr
TURBIDITY	180.1	0.05 NTU	SW	\$9.00	\$54.00	6 sta / qtr
TOTAL SUSPENDED SOLIDS (TSS)	SM240D	0.570 MG/L	SW	\$14.00	\$84.00	6 sta / qtr
TOTAL ALKALINITY	SM2320B	0.594 MG/L	SW	\$15.00	\$90.00	6 sta / qtr
BOD5	SM5210B	0.262 MG/L	SW	\$20.00	\$120.00	6 sta / qtr
				\$170.00	\$1,020.00	QUARTERLY
					X 4 qtrs	
					\$4,080.00	TOTAL 4qtrs
SIX SITES ANNUALLY						
TOTAL CALCIUM	200.7	0.030 MG/L	SW	\$16.00	\$96.00	6 sta / ANNUAL
TOTAL MAGNESIUM	200.7	0.006 MG/L	SW	\$16.00	\$96.00	6 sta / ANNUAL
HARDNESS	SM2340B	CALC	SW	\$9.00	\$54.00	6 sta / ANNUAL
CADMIUM	SM3113B	0.180 UG/L	SW	\$16.00	\$96.00	6 sta / ANNUAL
COPPER	SM3113B	0.346 UG/L	SW	\$16.00	\$96.00	6 sta / ANNUAL
IRON	200.7	0.029 MG/L	SW	\$14.00	\$84.00	6 sta / ANNUAL
LEAD	200.8	0.670 UG/L	SW	\$16.00	\$96.00	6 sta / ANNUAL
MERCURY*	1631 E	SUB PACE*	SW	\$130.00	\$780.00	6 sta / ANNUAL
ZINC	200.7	4.0 UG/L	SW	\$12.00	\$72.00	6 sta / ANNUAL
TOTAL PETROLEUM HYDROCARBONS	FLPRO	SUB ENCO*	SW	\$102.00	\$612.00	6 sta / ANNUAL
HERBICIDES*	8151	SUB ENCO*	SM	\$214.00	\$1,284.00	6 sta / ANNUAL
2,4,5-T			SW	INC	INC	6 sta / ANNUAL
2,4,5-TP (SILVEX)			SW	INC	INC	6 sta / ANNUAL
DALAPON			SW	INC	INC	6 sta / ANNUAL
2,4-DB			SW	INC	INC	6 sta / ANNUAL
DICAMBA			SW	INC	INC	6 sta / ANNUAL
DICHLOROPROP			SW	INC	INC	6 sta / ANNUAL
DINOSEB			SW	INC	INC	6 sta / ANNUAL
MCMP			SW	INC	INC	6 sta / ANNUAL
M CPP			SW	INC	INC	6 sta / ANNUAL
4-NITROPHENOL			SW	INC	INC	6 sta / ANNUAL
PENTACHLOROPHENOL			SW	INC	INC	6 sta / ANNUAL
ACIFLUORFEN			SW	INC	INC	6 sta / ANNUAL
CHLORAMBEN			SW	INC	INC	6 sta / ANNUAL
3,5-DICHLOROBENZOIC ACID			SW	INC	INC	6 sta / ANNUAL
D CPA DIACID			SW	INC	INC	6 sta / ANNUAL
PICLORAM			SW	INC	INC	6 sta / ANNUAL
				\$561.00	\$3,366.00	ANNUAL
				SUBTOTAL	\$7,446.00	
QUALITY CONTROL SAMPLE ANALYSIS - 10% of \$7446.00					\$744.60	
TOTAL ANNUAL COST (4qtrs + 1 annual w/QC)					\$8,190.60	

Expedited Analysis where applicable - 24 Hr TAT = cost of parameter x2.5, 48 Hr TAT = cost of parameter x2, 72 Hr TAT = cost of parameter x1.5.

* Subcontracted will include a \$31.00 Environmental Impact/ Disposal Fee accessed by PACE- Eurofins - an additional \$12.00 waste disposal fee, this is non-negotiable.

Terms & Conditions:

Quoted price includes all documentation and sample kit.

Unless otherwise contracted invoice must be paid within 60 days. After 60 days a 1.5% monthly interest charge will be added.

Dale Dixon 08.20.2024


PAGE 2 OF 2

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 Vanasse Hangen Brustlin, Inc.

By: 

Print Name: Gary M. Serviss

Date: August 20, 2024

Addenda / Amendments Awarded per Agreement - Summary for Committee

Vanasse Hangen Brustlin, Inc. -- Agreement No. 202104-CE8 Continuing Environmental Consulting 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 Consulting Services	PSC	04/01/21	04/21/21	05/14/21	\$0.00	\$0.00	
001	000	-	FY21 On Call Permitting Assistance	CCM	05/25/21	NA	06/08/21	93534	\$20,000.00	\$20,000.00
002	000	-	FY21 Water Quality and Flow Monitoring	CCM	05/25/21	NA	06/08/21	93530	\$55,564.50	\$55,564.50
003	000	-	FY22 On Call Permitting Assistance	CCM	09/28/21	NA	10/05/21	94067	\$20,000.00	\$20,000.00
003	001	-	Additional FY22 On Call Permitting Assistance	CCM	03/01/22	NA	03/08/22		\$20,000.00	\$40,000.00
003	002	-	Additional FY22 On Call Permitting Assistance	CCM	08/23/22	NA	08/31/22		\$20,000.00	\$60,000.00
004	000	-	FY22 Water Quality and Flow Monitoring	CCM	10/26/21	NA	11/02/21	94078	\$107,252.80	\$107,252.80
005	000	-	State 404 Wetland Permitting Assistance	CCM	03/22/22	NA	03/29/22	94630	\$28,745.00	\$28,745.00
006	000	-	Mud Lake Conservation Easement Release Permitting Assistance	CCM	05/31/22	NA	06/14/22	1007477	\$85,115.00	\$85,115.00
006	001	-	Additional Mud Lake Conservation Easement Release Permitting Assistance	CCM	11/07/23	NA	11/16/23	1007477	\$40,000.00	\$125,115.00
006	002	-	Additional Mud Lake Conservation Easement Release Permitting Assistance	CCM	03/12/24	NA	03/18/24		\$110,344.00	\$235,459.00
007	000	-	Implement Airport Wildlife Hazard Management Plan	CCM	06/28/22	NA	07/05/22	94765	\$14,953.00	\$14,953.00
008	000	-	FY23 Water Quality and Flow Monitoring	CCM	09/27/22	NA	10/20/22	95352	\$110,661.40	\$110,661.40
009	000	-	FY23 On Call Permitting Assistance	CCM	11/15/22	NA	12/07/22	95681	\$40,000.00	\$40,000.00
010	000	-	FY24 Water Quality and Flow Monitoring	PSC	11/21/23	12/13/23	12/18/23	97138	\$113,704.40	\$113,704.40
011	000	-	FY24 On-Call Permitting Assistance	PSC	11/21/23	12/13/23	12/18/23	97038	\$40,000.00	\$40,000.00
012	000	-	First Extension	CCM	12/05/23	01/17/24	02/05/24		\$0.00	\$0.00

Total for Vanasse Hangen Brustlin, Inc. for Agreement No. 202104-CE8

\$826,340.10

Addenda / Amendments Awarded per Agreement - Summary for Committee

Terms of Agreement

Firm	Agreement Execution Date	Original Duration 1st Extension 2nd Extension	Current Expiration Date
Continuing Agreement Consultant - Environmental			
Vanasse Hangen Brustlin, Inc.	Not a Minority Firm 05/14/21	Original Dur: 3 Yrs 1st Ext Dur: 1 Yrs 2nd Exr Dur: 1 Yrs	05/14/25

Addenda / Amendments in Chronological Order


PSC	Board	Add #	Amd #	\$ Amt	Cumulative
11/21/23	12/13/23	010	000	\$113,704.40	\$113,704.40
11/21/23	12/13/23	011	000	\$40,000.00	\$153,704.40

ATTACHMENT A

FINANCE FORM

Date:	<u>August 20, 2024</u>	Requestor's Extension:	<u>x3555</u>
Requestor's Name:	<u>Keegan O'Brien</u>	Preparer's Extension:	<u>x3555</u>
Preparer's Name:	<u>Keegan O'Brien</u>	Solicitation #:	<u>N/A</u>
Requestor's Department:	<u>Environmental</u>	Contract # / Name:	<u>Environmental Consulting Services</u>
Description:	<u>FY25 Water Quality Monitoring ORL</u>	Procurement Committee Date:	<u>September 3, 2024</u>
Vendor:	<u>VHB, Inc.</u>	Agenda Item #:	<u></u>

NON-PROJECT FUNDS: O&M

Account Code Format: xxx.xxx.xxx.xxxxxxx.xxx.xxxx xx	FY 23 Amount	FY24 Amount	FY25 Amount	FY26 Amount	FY27 Amount	TOTAL CONTRACT
901.443.870.5310010.000.00 0000			\$115,424.60			
Total Requisition:			\$115,424.60			
Requisition Number:			97690			
Funding Approver:						
OMB Notes:	8/29/24					

Number	Description	Approval Status	Creation Date	Currency	Total	Preparer
97690	FY25 (OEA) VHB Wat	In Process	20-AUG-2024 14:35:2	USD	115,424.60	Wages, Alice M

MEMORANDUM

TO: Members of the Procurement Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: September 03, 2024

ITEM DESCRIPTION

Request for Approval of an Addendum to the Continuing Environmental Consulting Services Agreement with Vanasse Hangen Brustlin, Inc. for FY25 Water Quality Monitoring at Orlando Executive Airport

SMALL BUSINESS

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited and specialized scope of the services to be provided, Vanasse Hangen Brustlin, Inc. does not propose small business participation in this addendum.