

TASK ORDER APPROVAL FORM

CONTRACT #: C19-2792-AP

TASK ORDER #: 17


TASK ORDER AMOUNT: \$ 95,025.00 LS

CONTRACT: C19-2792-AP
AVCON, INC.
GENERAL AVIATION ENGINEERING SERVICES FOR VPS
EXPIRES: 3/26/2024

OFFERED BY CONSULTANT:

AVCON, INC.
FIRM'S NAME

Virgil C. "Lee" Lewis, P.E.
REPRESENTATIVE'S PRINTED NAME


SIGNATURE

Vice President March 14, 2024
TITLE DATE

RECOMMENDED FOR APPROVAL (Department Director)

Jason T. Autrey, Digitally signed by Jason T. Autrey,
PE, CPM PE, CPM
Date: 2024.03.18 16:00:29 -05'00'

SIGNATURE

Public Works Director

TITLE

03.18.2024

DATE

John Hofstad Digitally signed by John Hofstad
Date: 2024.03.19 16:46:40 -05'00'

COUNTY ADMINISTRATOR (if applicable)

DATE

APPROVED BY OKALOOSA COUNTY (Per Purchasing Manual) Table 1

DeRita Digitally signed by
DeRita Mason
Date: 2024.03.19
08:33:36 -05'00'

Mason
PURCHASING MANAGER

03.19.2024

DATE

Faye Douglas Digitally signed by Faye Douglas
Date: 2024.03.19 10:15:12 -05'00'

OMB Director/DATE

03.19.2024

DATE

CHAIRMAN (if applicable)

DATE

TASK ORDER SUMMARY**Professional Consulting Services**
Okaloosa County Public Works**Task Order No.:** 17
AVCON Project No.: 2024.0125.02
Date: March 14, 2024

AVCON, INC., a Florida Corporation (hereinafter "CONSULTANT") agrees to perform and complete the following services (hereinafter "Services") for **Okaloosa County Public Works** (hereinafter "COUNTY"), in accordance with the terms and conditions of the Master Services Agreement (Contract No.: C19-2792-AP) dated March 26, 2019, with a contract period extending to March 26, 2024 per the contract renewal dated January 10, 2022, all of which terms and conditions are incorporated herein by reference.

1. **Task Location:** Wight Landfill, Wright, Florida
2. **Task Name:** 2024 Wright Landfill Environmental Services
3. **Task Description:** CONSULTANT shall perform the scope of services specified in **Exhibit "A"** dated **March 11, 2024** (4 pages) and attached hereto.
4. **Compensation:** For the work performed, the CONSULTANT shall be compensated on a Lump-Sum basis. The total lump-sum fee is **Ninety-Five Thousand, Twenty-Five and 00/100 Dollars (\$95,025.00)** derived as follows:

Prime Consultant—AVCON Contract Administration:	\$ 4,525.00
<u>Subconsultant—AECOM 2024 Wright Landfill Services:</u>	<u>\$90,500.00</u>
Task Order Total:	\$95,025.00

Progress payments for the COUNTY authorized tasks shall be made on a percent-complete basis as work is completed.



AECOM
1625 Summit Lake Drive
Suite 300
Tallahassee, FL 32317
www.aecom.com

850-637-5018 tel

EXHIBIT "A"

(4 pages)

Via Electronic Mail

March 11, 2024

Mr. Lee Lewis
AVCON Engineers & Planners
320 Bayshore Drive, Suite A
Niceville, FL 32578

Re: Proposal to Perform 2024 Landfill Environmental Services, Wright Landfill

Mr. Lewis:

AECOM Technical Services, Inc. (AECOM) is pleased to provide AVCON Engineers & Planners (AVCON) with this proposal to perform landfill environmental services including: 1) conducting necessary operation and maintenance (O&M) activities for the existing pump and treat system and continuing support of design team for new system; 2) conducting and completing the sampling and associated reporting for the Spring and Fall 2024 semi-annual compliance and remedial action/assessment sampling events and the expanded sampling required for permit renewal; 3) preparing and submitting semi-annual compliance reports, the annual assessment report, and the Five-Year technical report for the site; and 4) preparing and submitting the long-term care permit renewal application. The Spring and Fall sampling events and reporting will be conducted in accordance with the current permit and 2008 Remedial Action Plan Modification (RAPMOD) – 2011 Addendum (RAPMOD), dated August 1, 2011, and approved by the Florida Department of Environmental Protection (FDEP) on December 7, 2011.

SCOPE OF SERVICES

In accordance with the closure permit for Wright Landfill, Permit No. 0070768-008-SF, and the RAPMOD approved by the FDEP on April 23, 2014, semi-annual reports for compliance sampling and an annual report for remedial action sampling are required, for a total of three reports (per year). AECOM proposes to perform the sampling in-house and subcontract laboratory analyses to Advanced Environmental Laboratories, Inc (AEL), a National Environmental Laboratory Accreditation Program (NELAP)-approved laboratory.

Details of the scope of services, and additional tasks are summarized in the following sections.

Water Quality Sampling

Water quality sampling will include the collection of groundwater samples, and when available, collection of surface water and seep samples. Groundwater sample collection will be performed for compliance and to meet RAPMOD requirements. Field work, sampling methodologies, data evaluation, and data Quality Assurance/Quality Control (QA/QC) will be performed in accordance with Chapter 62-160, FAC, Standard Operating Procedures (DEP-SOP- 001/01) (SOPs) and the closure permit. In addition, in 2024, the closure permit renewal application and the Five-Year Technical Report for Wright Landfill will be prepared and submitted.

AECOM will perform compliance sampling to meet the requirements listed within the closure permit and the assessment water quality monitoring program for Wright Landfill. The permit monitoring program currently consists of 21 monitoring wells (17 sampled wells and 4 static water level only wells) and 4 surface water sampling points. During the Spring 2024 sampling event, prior to the permit renewal, all 21 monitoring wells will be sampled. The current assessment water quality monitoring programs consists of 13 monitoring wells, and collection of 11 additional water level measurements as detailed in the FDEP approval letter dated October 1, 2012. The treatment influent and treatment effluent will also be sampled during the semiannual events if the system is operating, which will be performed during March and September. Please note these months could vary slightly due to weather or scheduling with the other two sampling events in Okaloosa County. Additionally, to aid in evaluation of the effectiveness of the groundwater remediation system, up to 6 additional monitor wells and 7 additional surface water locations may be sampled during the Spring and/or Fall monitoring events. As required by Chapter 62-701.510(9) (a), Okaloosa County will notify the FDEP 14 days prior to the scheduled sampling event and will also coordinate sampling with the County.

Prior to the initiation of sample collection, field instruments will be calibrated according to factory instructions. Instrument calibrations will be documented on a field log and submitted to the County with the field sampling logs and laboratory analytical results. Prior to sampling, static water levels in each sampled well will be obtained on the same day using an electronic water level indicator to the nearest 0.01 foot. During the collection of the static groundwater elevations, each monitoring well will be visually inspected. If any problems with the monitoring well are observed, AECOM will immediately notify the County of the problem.

Low-flow groundwater purging, and sample collection procedures (FDEP SOPs) will be followed in the field using a submersible pump or similar device, where dedicated pumps are not present. For recovery wells, samples will be collected from the recovery pumps via sampling ports on the submersible pump drop-pipes. When recovery wells are not operating, samples will be collected from the annular monitoring wells. Sampling equipment will be decontaminated prior to all phases of purging and sample collection to reduce the potential for cross contamination between sample locations. Required Quality Assurance/Quality Control samples will be collected including duplicates, equipment blanks, and trip blanks.

During the purging and sampling operations, the groundwater will be monitored for pH, dissolved oxygen, specific conductance, temperature, turbidity, oxidation reduction potential (ORP), color, odors, and sheens (by observation) in monitoring wells which have been selected for Monitoring Natural Attenuation (MNA). Monitoring of these parameters will provide an indication of stabilization of the groundwater quality prior to sample collection. These parameters will be recorded on the sampling log. Once the indicator values are stabilized and a sufficient volume purged from the well, sample collection will begin.

After sample collection, the samples will be prepared, preserved as necessary, and delivered to AEL using standard chain-of-custody procedures.

Laboratory Analysis & Review

Water quality analyses will be performed by AEL in accordance with Chapter 62-160, FAC DEP-SOP-001/01

and the closure permit. According to the permit, during the 2024 Spring sampling event, which is the event prior to the permit renewal, all 21 wells will be analyzed for ammonia, chlorides, iron, mercury, nitrate, sodium, total dissolved solids, and Appendix I VOCs. AEL is certified by the Florida Department of Health Environmental Laboratory Certification Program (DoH ELCP). AEL will perform analyses as listed within the Okaloosa County compliance permit and RAPMOD in standard turn-around times (approximately 3-4 calendar weeks) and provide an electronic report and data package deliverable to AECOM, including the ADaPT deliverable(s).

A quality control data package will be included within the laboratory report for each sampling event. Upon receipt of the laboratory report and data package, AECOM will perform a quality assurance/quality control (QA/QC) review.

Reporting

AECOM will review the analytical data, and prepare tables, figures, and a written report for both the Spring and Fall 2023 sampling events. The reports will include analysis of results from compliance monitoring and results of remedial action assessment monitoring. AECOM will work with Okaloosa County to also include a section in the reports addressing the operation and maintenance of the monitoring and remediation system at Wright. In addition, per recent request by the FDEP, the reports will contain tables of historical data for the parameters monitored to aid in evaluation of remedial effectiveness. Conclusions and recommendations will be provided in each report regarding monitoring location compliance and the effectiveness of the remediation system. The sampling event report will be submitted to the County in draft format for review and comment. AECOM will prepare the final draft version for submittal to the FDEP electronically using the online business portal. The Five-Year Technical Report will also be submitted in May of 2024. AECOM will coordinate with the County to obtain the information required for inclusion in the report.

Monthly Site Observation and Quarterly Maintenance Visits

AECOM will continue to perform monthly landfill observation visits to assist the County with maintaining landfill remediation operations in accordance with County and the FDEP standards. Relevant landfill inspection data or information will be collected, and any significant issues identified will be reported to the County immediately. AECOM has included one full day per month for personnel to perform repairs for the issues identified.

Maintenance visits will be conducted as needed and at least quarterly, and pump testing will be performed during these visits as needed. AECOM will work with the County Program Manager or other appropriate County staff while onsite to discuss additional repair/replacement work and will assist the County in obtaining cost estimates and scheduling the required work. Discussion of the Quarterly Maintenance activities will be included in the FDEP semi-annual reports.

Permit Application

AECOM will prepare and submit a permit renewal application to remain compliant with the long-term care program. The current permit (0070768-008-SF) expires on June 18, 2024.

COST ESTIMATE AND INVOICING

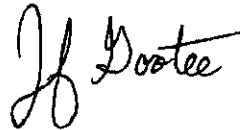
AECOM will conduct this work for a not to exceed, lump sum, contract value of \$90,500. Invoices will be prepared on a percent complete basis. If the scope of services, schedule, and fees are acceptable, please provide your written authorization to proceed.

AECOM appreciates the opportunity to propose on this project. If there are any questions or comments regarding this proposal, please do not hesitate to call. We look forward to continuing our working relationship with AVCON and Okaloosa County.

AECOM Technical Services, Inc.



Amy R. Mixon, P.E.
Project Manager



Jennifer Gootee, PE
Authorized Signatory
Associate Vice President
Southeast Remediation Area Manager