

TASK ORDER APPROVAL FORM

CONTRACT #: C19-2745-PW

TASK ORDER #: 30

TASK ORDER AMOUNT: \$ 98,700.00 LS

CONTRACT: C19-2745-PW
AVCON, INC.
GENERAL ENGINEERING SERVICES
EXPIRES: 09/30/2023

OFFERED BY CONSULTANT:

AVCON, INC.

FIRM'S NAME

Virgil C. "Lee" Lewis, P.E.

REPRESENTATIVE'S PRINTED NAME


SIGNATURE

Vice President

TITLE

February 16, 2023

DATE

RECOMMENDED FOR APPROVAL (Department Director)

Jason T. Autrey, P.E., C.P.M.

Digitally signed by Jason T.
Autrey, P.E., C.P.M.
Date: 2023.03.10 15:02:32 -06'00'

SIGNATURE

Public Works Director

TITLE

03.10.2023

DATE

John Hofstad

Digitally signed by John
Hofstad
Date: 2023.03.13 16:05:58
-05'00'

COUNTY ADMINISTRATOR (if applicable)

03.10.2023

DATE

APPROVED BY OKALOOSA COUNTY (Per Purchasing Manual) Table 1

DeRita Mason

Digitally signed by DeRita
Mason
Date: 2023.03.10 15:24:24
-06'00'

PURCHASING MANAGER

DATE

Faye Douglas

Digitally signed by Faye Douglas
Date: 2023.03.10 15:29:32 -06'00'

OMB Director/DATE

03.10.2023

DATE

CHAIRMAN (if applicable)

DATE



AVCON, INC.

Engineers & Planners

320 Bayshore Drive, Suite A

Niceville, Florida 32578

Phone: (850) 678-0050

www.avconinc.com

February 16, 2023

Mr. Scott R. Henson
Public Works Program Manager
Okaloosa County Public Works—South Office
84 Ready Avenue
Fort Walton Beach, Florida 32548

Reference: Proposed Task Order #30
Baker Landfill Environmental Services
Okaloosa County Contract C19-2745-PW

Dear Scott:

Please find enclosed a signed original of the proposed Task Order #30 for environmental services associated with the Baker Landfill in calendar year 2023 for your review and consideration. This task order references the C19-2745-PW contract. Once again, AVCON will be supported by AECOM Technical Services, Inc. for this effort.

With your concurrence, please coordinate approval of the Task Order and return one (1) fully executed set at your earliest convenience. We appreciate your assistance and look forward to working with you, your staff, and Ms. Amy R. Nixon to best serve the County throughout this project.

If you have any questions, please do not hesitate to contact us at your convenience.

Sincerely,

AVCON, INC.

A handwritten signature in black ink, appearing to read "Virgil C. Lee", written over a horizontal line.

Virgil C. "Lee" Lewis, P.E.
Vice President

Enclosures

320 Bayshore Drive, Suite A
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TASK ORDER SUMMARY

Professional Consulting Services
Okaloosa County Public Works

Task Order No.: 30

AVCON Project No.: 2023.0125.01

Date: February 16, 2023

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 Agreement for Consulting Engineering Services (Contract No.: C19-2745-PW), dated November 6, 2018 and extended by amendment on September 7, 2021, all of which terms and conditions are incorporated herein by reference.

1. **Task Location:** Baker Landfill, Baker, Florida
2. **Task Name:** 2023 Baker Landfill Environmental Services
3. **Task Description:** CONSULTANT shall perform the scope of services specified in **Exhibit "A"** dated **February 14, 2023** (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-Eight Thousand, Seven Hundred and 00/100 Dollars (\$98,700.00)** derived as follows:

Prime Consultant—AVCON Contract Administration:	\$ 4,700.00
<u>Subconsultant—AECOM 2023 Baker Landfill Services:</u>	<u>\$94,000.00</u>
Task Order Total:	\$98,700.00

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



AECOM
150 North Orange Avenue
Orlando, Florida 32801
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407.843.8552 tel
407.839.1789 fax

EXHIBIT A (4 pages)

Via Electronic Mail

February 14, 2023

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

Re: Proposal to Perform 2023 Landfill Environmental Services, Baker 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; 2) conducting and completing the sampling and associated reporting for the Spring and Fall 2023 semi-annual compliance and assessment sampling events; 3) support the County during the permit renewal; and 4) completing additional surface water and groundwater sampling to be utilized for design of a modified treatment system. 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 Baker Landfill, Permit No. 0075982-004-SF, and the RAPMOD approved by FDEP on December 7, 2011, semi-annual reports for compliance and remedial action sampling are required, for a total of two 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.

AECOM will perform compliance sampling to meet the requirements listed within the closure permit and the remedial action sampling requirements listed in Table 2 of the 2011 RAPMOD. Semi-annual sampling will be performed during March and September and will be completed in accordance with the schedule presented in

the 2014 RAPMOD. Please note these months could vary slightly due to weather or scheduling with the other two sampling events in Okaloosa County. Each event includes sampling of up to 42 monitor wells, 10 recovery wells, treatment system influent, treatment system effluent, and 4 surface water locations. The Shue potable well will be sampled annually. Additionally, to aid in evaluation of remedial effectiveness, up to 6 additional monitor wells and up to 7 additional surface water locations will be sampled during the Spring and/or Fall monitoring events. As required by Chapter 62-701.510(9) (a), Okaloosa County will electronically 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. Water levels only will be collected in an additional 18 monitor wells. 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 pumps or similar devices, 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. 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 Baker. In addition, as requested recently by FDEP, historical results of the parameters analyzed will be tabulated for aid in review of contaminant trends. 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 and via electronic mail.

Permit Renewal Support

AECOM will support the County during renewal of the landfill permit and will assist the County in application and supporting material preparation and in responding to questions posed by FDEP during the application process.

Monthly Site Observation Visits/Quarterly Maintenance Visits

AECOM will continue to perform landfill observation visits to assist the County with maintaining landfill remediation operations in accordance with County and 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.

Quarterly maintenance visits will be conducted to include pump tests and/or support for pump repair and/or replacement. Based on past experience, iron scaling has taken a tremendous toll on mechanical equipment, conveyance infrastructure and treatment system components. AECOM will work with the County Program Manager or other appropriate County staff while onsite develop corrective actions and cost estimates. If possible, an estimate of time and materials for corrective actions will be provided to the County.

Remedial System Construction Support

AECOM will continue to provide support to the County during the construction of the OCA ditch system. AECOM's project manager and engineer will assist the County by answering questions on design details and by making minor design revisions as issues arise in the field.

Mr. Lewis
February 14, 2023
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COST ESTIMATE AND INVOICING

AECOM will conduct this work for a lump sum not-to-exceed contract value of \$94,000. 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