

# TASK ORDER APPROVAL FORM

CONTRACT #: C18-2678-WS

TASK ORDER #: 27

TASK ORDER AMOUNT: \$40,000.00

OFFERED BY CONSULTANT:

CONTRACT: C18-2678-WS

ARDURRA GROUP, INC.

MASTER SERVICE ENG. AGREEMENT

EXPIRES: 09/30/2022

ARDURRA GROUP, INC.

FIRM'S NAME

JOSEPH G. CREWS, P.E.

REPRESENTATIVE'S PRINTED NAME

*Joseph G. Crews*

SIGNATURE

Southeast Water Practice Director

09/21/21

TITLE

DATE

**RECOMMENDED FOR APPROVAL  
(Department Director)**

**APPROVED BY OKALOOSA COUNTY  
(Per Purchasing Manual)**

*Jeff Littrell*

Jeff Littrell

Jeffrey A Hyde Digitally signed by Jeffrey A Hyde  
Date: 2021.12.02 10:49:24 -06'00'

Jeff Hyde, PURCHASING MANAGER

WATER & SEWER DIRECTOR

TITLE

DATE

*12/3/2021*

DATE

Faye Douglas Digitally signed by Faye Douglas  
Date: 2021.12.03 07:44:37 -06'00'

Faye Douglas  
OMB DIRECTOR (if applicable)

DATE

John Hofstad  
COUNTY ADMINISTRATOR (if applicable)

Carolyn Ketchel  
CHAIRMAN (if applicable)

DATE

DATE

Revised January 21, 2020

## TASK ORDER 27

THIS TASK ORDER IS ISSUED PURSUANT TO THE AGREEMENT FOR CONSULTING SERVICES DATED FEBRUARY 6, 2018, BETWEEN THE COUNTY OF OKALOOSA COUNTY, FLORIDA AND CONSTANTINE ENGINEERING, INC., WHICH IS INCORPORATED HEREIN BY THIS REFERENCE, WITH RESPECT TO

### Scope of Basic Services to Provide Professional Engineering Consulting Services for the Jerry D. Mitchem WRF and Arbennie Pritchett WRF Surface Water and Biological Monitoring Project FY 2022

#### Article A. Purpose:

The purpose of this Task Order is to authorize and direct CONSULTANT (Constantine Engineering, Inc.) to proceed with professional engineering consulting services for the Jerry D. Mitchem WRF and Arbennie Pritchett WRF Surface Water and Biological Monitoring Project (PROJECT) for the Okaloosa County Water and Sewer Department (COUNTY).

Requirements contained in the Florida Department of Environmental Protection (FDEP) operating permit for the Jerry D. Mitchem (previously Bob Sikes) WRF (FLA010181) and Arbennie Pritchett WRF (FLA485942), require surface water and biological monitoring down-gradient of the effluent disposal site within adjacent or nearby waterways. The Quarterly water quality and biennial Stream Condition Index monitoring are required at the Jerry D. Mitchem WRF through the expiration date of the current permit. The Arbennie Pritchett WRF permit requires quarterly water quality monitoring, Stream Condition Index evaluation, Rapid Periphyton Survey sampling, and Linear Stream Vegetation Survey sampling in the calendar year 2022. This Task Order provides authorization to continue the scheduled monitoring for the 2022 fiscal year, ending September 30, 2022. The activities that are included in this task order are described in "Article B. Scope of Services."

#### Article B. Scope of Services:

The CONSULTANT agrees to furnish general professional engineering and technical services required to perform surface water and biological monitoring, sampling and analysis, at the following locations:

- At one (1), previously designated location within an adjacent or nearby waterway down-gradient of the subsurface ex-filtration system at Jerry D. Mitchem (previously Bob Sikes) WRF.
- At three (3), previously designated locations adjacent or nearby waterways down-gradient of the RIB disposal at Arbennie Pritchett WRF.

The engineering and technical services that may be authorized in this task order by the COUNTY's Representative include, but are not limited to, the following:

1. Water Quality and Biological Monitoring
2. Preparing Quarterly Reports
3. Stream Condition Index (SCI)
4. Rapid Periphyton Survey (RPS)
5. Linear Stream Vegetation Survey (LVS)
6. Project Management and Meetings

Specific Work Tasks that may be authorized by the COUNTY's representative are presented below.

### **Work Task 1. Water Quality and Biological Monitoring**

#### **Water Quality Monitoring**

CONSULTANT will conduct four (4) quarterly water quality monitoring events at each of the previously designated surface water sites. Quarterly samples will be analyzed for pH, specific conductance, temperature, dissolved oxygen, total nitrate-nitrogen, total nitrogen, total phosphorus, and ortho-phosphate. To ensure QA/QC, CONSULTANT will conduct one (1) field blank and one (1) field duplicate per quarterly event for each facility. Any additional parameters will be considered outside this scope of services. CONSULTANT will provide a summary report to the COUNTY within ninety (90) days of each sampling event.

#### **Biological Monitoring**

A SCI is required every even year (2020, 2022, etc.) for the Jerry D. Mitchem WRF. Under this Task Order, a SCI will be performed at the Jerry D. Mitchem WRF surface water location. A SCI, RPS, and LVS are required at the Arbennie Pritchett WRF in the calendar year 2022 (and again in 2026). Under this Task Order, a SCI, RPS, and LVS will be performed at the Arbennie Pritchett WRF surface water locations.

### **Work Task 2. Quarterly Reports**

Upon receipt of the quarterly field and laboratory data collected under Work Task 1 CONSULTANT shall review quarterly data and provide technical analysis summary. The summary will present a general analysis of the data with respect to current and proposed State Water Quality Standards.

### **Work Task 3. Permitting Assistance**

The specific services that CONSULTANT shall provide include permitting tasks necessary to coordinate and meet with representatives of the COUNTY and FDEP regarding the WRF Permit with respect to the results of the sampling and analysis performed in Work Tasks 1 and 2. The specific scope of services that CONSULTANT shall provide in this work task shall be developed following the completion of Work Tasks 1 and acceptance of the quarterly reports by the COUNTY, but generally shall include:

- CONSULTANT shall prepare and complete submittals associated with this scope of work, as may be required by the FDEP permitting process, and submit it to the COUNTY for review. Following review by the COUNTY, CONSULTANT shall adjudicate any comments, prepare a final version of the report, and submit it to COUNTY.

### **Work Task 4. Project Management and Meetings**

CONSULTANT shall provide and perform general professional engineering and related services as authorized by COUNTY that consist of the appropriate items, as follows:

- Attend meetings as requested by representatives of the COUNTY and provide general engineering assistance, consultation, and opinions regarding the PROJECT.
- Respond to general questions on engineering matters as requested by COUNTY's designated representative.
- Prepare subcontracts with Subconsultants to perform the field work required under Work Task 1. CONSULTANT shall also coordinate the Subconsultant activities to ensure compliance with the COUNTY's wastewater permit.
- Perform general administrative project tasks associated with the management of the project.

## **Article C. Compensation Provisions:**

As compensation for providing the services described within this Task Order, CLIENT shall pay CONSULTANT in accordance with Article 2 of the Agreement, based on the CONSULTANT's Per Diem

