

# TASK ORDER APPROVAL FORM

CONTRACT #: C24-3968-PW

TASK ORDER #: 2

TASK ORDER AMOUNT: \$39,680.00 (Lump Sum-NTE)

## C24-3968-PW

HDR ENGINEERING, INC.

General Engineering Services for PW

Expires: 09/30/2027 W/ (2) 1 Yr Renewals

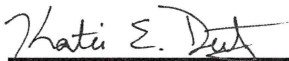
OFFERED BY CONSULTANT:

HDR Engineering, Inc.

FIRM'S NAME

Katie E. Duty

REPRESENTATIVE'S PRINTED NAME



SIGNATURE

Vice President

TITLE

04/16/2024

DATE

**RECOMMENDED FOR APPROVAL  
(Department Director)**

Jason T. Autrey, PE,  
CPM Digitally signed by Jason T. Autrey, PE, CPM  
Date: 2024.04.16 15:36:55 -05'00'

SIGNATURE

TITLE

DATE

COUNTY ADMINISTRATOR (if applicable)

DATE

**APPROVED BY OKALOOSA COUNTY  
(Per Purchasing Manual) Table 1**

DeRita Mason Digitally signed by DeRita Mason  
Date: 2024.04.17 07:44:05 -05'00'

PURCHASING MANAGER

DATE

Faye Douglas Digitally signed by Faye Douglas  
Date: 2024.04.17 13:45:06 -05'00'

OMB DIRECTOR/DATE

DATE

CHAIRMAN (if applicable)

DATE

## Task Order: Staff Road Stormwater Pond

### Introduction

Okaloosa County requested evaluation of a site for a joint use stormwater pond that would support the Northwest Crestview Bypass project and a proposed development.

The County has conducted an alternative corridor evaluation study for the Northwest Crestview Bypass (NWCB) and preliminary conceptual plans were developed for the preferred corridor. The preferred corridor impacts a parcel south of River Loop Drive and west of Staff Road (Parcel ID 30-4N-23-0000-0009-0040). The parcel owner has plans for a development but would dedicate a portion of the property for a joint use stormwater management pond.

This scope of services is to assist Okaloosa County in evaluating how the parcel could be used to support stormwater management needs of the NWCB and the proposed development.

The following assumptions are made for this scope:

- The roadway right-of-way width, typical section, and design criteria will be assumed to follow the preliminary conceptual plans that were developed as part of the Alternative Corridor Evaluation Report, which is subject to change during the PD&E or subsequent phases.
- The drainage design criteria will be the current criteria required by the NFWFMD as of March 2024.
- No geotechnical or survey data will be collected. Publicly available lidar will be utilized. Geotechnical information will be estimated from publicly available data and data from nearby projects.

The fee for this scope of services is a lump sum fee not-to-exceed \$39,680.

ACCEPTANCE:

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## **TASK 001 – Environmental Field Work**

### **Objectives:**

To conduct wetland delineation pursuant to 62-340 F.A.C. *Delineation of the Landward Extent of Wetlands and Surface Waters and Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0)*.

### **HDR Activities:**

- Preliminary project research to include review of U.S. Fish and Wildlife Service National Wetland Inventory and U.S. Department of Agriculture Natural Resources Conservation Service Soil Resource Report for Okaloosa County. Additionally, prepare field maps and complete Trimble GPS setup
- Complete field wetland delineation with wetland points captured via Trimble GPS Unit
- Use obtained wetland data points to create wetland delineation line and mapping via GIS
- Produce technical memo of supporting documentation for delineation with wetland data sheets

### **HDR Deliverables:**

- Wetland Delineation Line in GIS format
- Technical Memo with Wetland Data Sheets

## **TASK 002 – Conceptual Stormwater Design**

### **Objectives:**

To evaluate and identify opportunities for a joint use stormwater pond by conducting a conceptual design that accommodates contributing area for a private developer as well as the proposed NWCB.

### **HDR Activities:**

- Coordinate with Okaloosa County and private developer
- Obtain site topographic data from NOAA or WMD and generate terrain model
- Review conceptual roadway profile for the NWCB to determine if revisions are needed to improve stormwater conveyance to the joint use stormwater pond
- Delineate roadway basin limits and residential basin boundaries to demonstrate contributing areas
- Review United States Geological Survey data and existing adjacent development plans to estimate the Seasonal High-Water Line (SHWL)
- Conduct preliminary Hydrologic and Hydraulic (H&H) analysis
- Size a stormwater pond for both the contributing roadway and residential areas
- Develop a rough grading plan for the stormwater pond since the parcel is in a location with steep grades

### **HDR Deliverables:**

- Drainage Design Memo with Calculations
- Rough Grading Plan for Conceptual Stormwater Pond