

TASK ORDER APPROVAL FORM

CONTRACT #: C19-2746-PW

TASK ORDER #: 14

TASK ORDER AMOUNT: \$ 8,220

CONTRACT: C19-2746-PW
HDR ENGINEERING, INC.
GENERAL ENGINEERING SERVICES FOR PW
EXPIRES: 09/30/2023

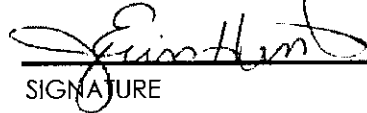
OFFERED BY CONSULTANT:

HDR Engineering, Inc.

FIRM'S NAME

Jennifer Erin Hunt, P.E.

REPRESENTATIVE'S PRINTED NAME



SIGNATURE

Vice President

TITLE

11/15/2021

DATE

RECOMMENDED FOR APPROVAL (Department Director)

Tracy A.
Stage, A.A.E.

Digitally signed by Tracy
A. Stage, A.A.E.
Date: 2021.11.16
15:17:38 -06'00'

SIGNATURE

Airports Director

TITLE

APPROVED BY OKALOOSA COUNTY (Per Purchasing Manual) Table 1

Jeffrey A
Hyde

Digitally signed by Jeffrey
A Hyde
Date: 2021.11.16
16:07:44 -06'00'

PURCHASING MANAGER

DATE

OMB DIRECTOR

DATE

COUNTY ADMINISTRATOR (if applicable)

DATE

CHAIRMAN (if applicable)

DATE



OKALOOSA COUNTY

CONTRACT # C19-2746-PW

**Task Order #14:
Foy Shaw
Pond B Infiltration
Investigation and Remedy**

November 15, 2021



Task Order #14: Foy Shaw
Pond B Infiltration Investigation and Remedy

Table of Contents

Table of Contents.....	i
TASK 14: Foy Shaw Pond B Infiltration Investigation and Remedy	1
TASK 14.1 – Geotechnical Investigation and Recommendations.....	2

TASK 14: Foy Shaw Pond B Infiltration Investigation and Remedy

Summary of Work:

Foy Shaw Parkway is a virgin alignment that begins at the existing intersection of US 90 and Cavalier Drive and continues to the North for 1 mile to the intersection of John Givens Road and Skyline Blvd. Construction of Foy Shaw Parkway was completed in September of 2021. An as-built review of the project by the Northwest Water Management District in October of 2021 noted that Pond B does not appear to be functioning as designed. This scope and fee describe tasks needed to investigate Pond B and determine what improvements need to be made to ensure that Pond B functions as previously designed these tasks include the following:

- Geotechnical Investigation and Recommendations

The fee for this scope of services is a lump sum fee of \$8,220.00

TASK 14.1 – Geotechnical Investigation and Recommendations

Objective: To evaluate the infiltration of the newly construction Pond B.

LMJ Field Activities:

- Mobilize on Site.
- Install 5-20 feet Deep SPT Soil Borings to Evaluate Existing Subsurface Conditions.
- Attempt to obtain up to four Shelby tube or relatively undisturbed soil samples from the pond borings for permeability testing.

LMJ Lab Activities:

- Perform a visual classification of the soil samples obtained during our exploration.
- Run lab tests to evaluate and document soil properties for our analysis. We have budgeted up to four falling head permeability tests with grainsize analysis.
- Analyze the field and laboratory data to provide recommendations for the project.

LMJ Deliverables:

Prepare a Memorandum Report that Contains the Following:

- Existing site characteristics.
- Exploration, testing, and sampling methods.
- Subsurface soils encountered and soil classifications.
- Depth to groundwater or perched water at the time of drilling.
- A discussion of laboratory test results.
- General comments on the apparent cause of the pond not functioning properly if encountered in the borings.
- Recommendations for improving the performance of the pond if the cause of the poor performance is encountered in the borings.

Assumptions:

1. Pond will need to be pumped dry to do the boring. The County will be responsible for getting the water pumped out of the pond.