

**CITY OF NEWPORT
TASK ORDER NO. 09**

Preparation for Geotechnical Explorations for Final Design

This TASK ORDER NO. 09 to the Engineering Services Agreement dated May 5, 2017, hereinafter called Agreement, between the City of Newport, (CITY), and HDR Engineering, Inc., (ENGINEER).

A. SCOPE OF SERVICES

CITY agrees to utilize the services of ENGINEER and ENGINEER agrees to perform engineering services as defined within the scope of work.

This PROJECT will include the scope of work as identified in the attached Task Order No. 9 ,*Preparation for Geotechnical Explorations for Final Design* dated January 28, 2020.

B. CITY'S RESPONSIBILITIES

CITY to provide ENGINEER with the following information:

1. CITY shall assign appropriate reviewers to the project and compile and provide a single consolidated, coordinated, legible, and internally consistent copy of written review comments to Consultant for all draft documents and work products, as appropriate.
2. CITY shall provide timely review of submitted products, as appropriate.

C. COMPENSATION

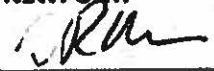
1. CITY shall pay ENGINEER according to the revised fee schedule set forth in the attached scope of work.
2. Services provided under this Task Order No. 09 shall not exceed \$25,000.

D. MISCELLANEOUS

All terms and conditions of the Engineering Services Agreement apply to this Task Order No. 09 as though fully set forth therein. In the event of a conflict between previous task orders and the Engineering Services Agreement, the terms of this Task Order No. 09 shall apply.

The parties do mutually agree to all mutual covenants and agreements contained within this Task Order No. 09.

CITY OF NEWPORT:

By: 

Title: City Manager

Date: 02-03-20

HDR Engineering, Inc.

By: 

Title: Sr. Vice President

Date: 02-06-2020



Task Order 09

Preparation for Geotechnical Explorations for Final Design

City of Newport, Oregon
Engineering Preliminary Design

January 28, 2020

Introduction

HDR Engineering, Inc. (HDR) has performed engineering evaluations and concept design for the City of Newport for the Big Creek Dams, Lower Dam (BC1) and Upper Dam (BC2), as described in previous scopes of work.

This scope of work is Task Order 09 and describes engineering services that will be completed in preparation for final design of the proposed Roller Compacted Concrete (RCC) dam. The work will be completed in 2020.

This scope of work consists primarily of field work and installation of field equipment and preparation for the upcoming geotechnical explorations. The following items are included in this task order:

TASK 1	PROJECT MANAGEMENT.....	1
TASK 2	INSTALL FIELD EQUIPMENT	2
TASK 3	GEOTECHNICAL EXPLORATION PREPARATION	2

Scope of Work

TASK 1 Project Management

Objectives

HDR will provide Project Management to monitor/update the project scope of work, budget, and schedule; and provide appropriate communication with the City of Newport (City). This includes invoicing; coordination with the City and HDR team; planning and executing contracts; and schedule and budget management. Work activities described below will be provided to cover the Project Management activities.

Work Tasks

- Task order set-up
- Monthly progress reports and invoices
- Coordination with City
- Task order close-out

Assumptions

- Total duration of this phase of the project is 4 months.

- City will participate in conference calls and meetings as appropriate.

Deliverables

- Monthly progress narrative and invoices

TASK 2 Install Field Equipment

HDR will install two data loggers to collect streamflow data. This task covers the time and expenses to install the equipment.

Assumptions:

- Two HDR staff will install the field equipment.
- Duration of field visit is two days including travel time.
- City will ensure access to the locations of the field equipment installation.

Deliverables:

- No written deliverable
- Installation of the data loggers

TASK 3 Geotechnical Exploration Preparation

This task includes preparation for and attendance at site visit with the potential drillers to present the project challenges to help the drillers prepare their cost estimate(s). Preparation for this site meeting will include a site map with proposed boring locations. Meeting notes with the outcome of the field visit will be compiled.

Assumptions:

- Two HDR staff will be on-site taking the proposed drillers around.
- Duration of field visit is one day including travel time.
- City to ensure access to site and potential drilling locations.

Deliverables:

- Site plan with proposed boring locations
- Meeting notes

Schedule

The overall schedule for this work is 4 months. HDR will notify the City if field conditions, weather, or reservoir flows result in required adjustments to the schedule.

Cost

The cost for this work is a not to exceed amount of \$25,000.

Level of Effort City of Newport, TO09 Big Creek Dam Field Work Prep for Geotech Explorations		HDR Engineering												
		Project Manager	Technical Advisor I	Engineer III	Project Technician III	Project Technician II	Hours	Labor	Tech Charge	Field Equipment	Travel	Misc. Expenses (as a % of Labor)	Total Expenses	HDR Fee
Billable Rates		\$175.00	\$293.00	\$206.00	\$149.00	\$119.00								
Task Description														
Task 001	Project Management & Meetings													
1.1	Project Invoicing & Communication	14			4	8	26	\$ 3,998	\$ 96			\$ 40	\$ 136	\$ 4,134
							0	\$ -	\$ -			\$ -	\$ -	\$ -
	Sub-total	14	0	0	4	8	26	\$ 3,998	\$ 96	\$ -	\$ -	\$ 40	\$ 136	\$ 4,134
Task 002	Install Field Equipment													
2.1	Field Equipment Installation	30	23				53	\$ 11,989	\$ 196	\$ 200	\$ 700	\$ 120	\$ 1,216	\$ 13,205
							0	\$ -	\$ -			\$ -	\$ -	\$ -
							0	\$ -	\$ -			\$ -	\$ -	\$ -
	Sub-total	30	23	0	0	0	53	\$ 11,989	\$ 196	\$ 200	\$ 700	\$ 120	\$ 1,216	\$ 13,205
Task 003	Geotechnical Exploration Preparation													
3.1	Develop Site Plan	1		10			11	\$ 2,235	\$ 41			\$ 22	\$ 63	\$ 2,298
3.2	Site visit	10		10			20	\$ 3,810	\$ 74		\$ 400	\$ 38	\$ 512	\$ 4,322
3.3	Notes	1		2	1		4	\$ 736	\$ 15			\$ 7	\$ 22	\$ 758
							0	\$ -	\$ -			\$ -	\$ -	\$ -
	Sub-total	12	0	22	1	0	35	\$ 6,781	\$ 130	\$ -	\$ 400	\$ 68	\$ 597	\$ 7,378
	Hours	56	23	22	5	8	114							
	Fee	\$9,800	\$6,739	\$4,532	\$745	\$952		\$ 22,768	\$ 422	\$ 200	\$ 1,100	\$ 228	\$ 1,949	\$ 24,717

