



Supplemental Agreement Number <u>3</u>		Organization and Address	
Original Agreement Number <u>Shorey 2022-1</u>		Northwest Hydraulic Consultants Inc. 12787 Gateway Drive South Seattle, WA 98168 Phone: 206-241-6000	
Project Number <u>ER-2101(001)</u>	Execution Date	Completion Date <u>December 31, 2024</u>	
Project Title <u>Shorey Road Bank Stabilization Project</u>	New Maximum Amount Payable <u>\$418,674</u>		
Description of Work NHC will provide remote and on-site support to County during construction, anticipated Summer 2024. NHC will provide CAD files for construction staking. CRC will provide archaeological monitoring and reporting during construction.			

The Local Agency of Lewis County
desires to supplement the agreement entered in to with Northwest Hydraulic Consultants Inc.
and executed on 02/11/2022 and identified as Agreement No. Shorey 2022-1

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.
The changes to the agreement are described as follows:

I

Section 1, SCOPE OF WORK, is hereby changed to read:
SEE ATTACHED EXHIBITS A AND B.

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: No change in completion date.

III

Section V, PAYMENT, shall be amended as follows:

New maximum amount payable to be raised \$82,155 to \$418,674 to accommodate additional work described in Exhibits A and B.

as set forth in the attached Exhibit A, and by this reference made a part of this supplement.

If you concur with this supplement and agree to the changes as stated above, please sign in the Appropriate spaces below and return to this office for final action.

By: Vaughn Collins, Principal

By: _____



Consultant Signature

Approving Authority Signature

Date

EXHIBIT A

NHC Ref. No. 02007057-2

December 8, 2023

Attention: **Ann Weckback**
Lewis County Public Works

Via Email: Ann.Weckback@lewiscountywa.gov

Re: **Scope of Work for Shorey Road Bank Stabilization Project, Supplement 2, Construction Services**

INTRODUCTION

The following scope of work outlines the tasks to perform construction support to County for construction of the Shorey Road Bank Stabilization Project.

SCOPE OF WORK

1 PROJECT MANAGEMENT

NHC will provide general project management services through the life of the project including:

- Coordinate and guide day-to-day project activities via phone or virtual meetings.
- Perform regular schedule updates and financial status summaries.
- Prepare monthly invoices.

2 CONSTRUCTION SUPPORT

Definition of roles

County will provide Construction Management services. NHC will provide remote and on-site support to County in answering Contractor questions during materials procurement and the construction process. NHC will provide support and construction observation related to the assembly and installation of the wood structure components of the design and rock revetment installation. Contractor questions and decisions related to interpreting or modifying the design or Contract Documents, e.g. change orders, will be directed to County for further coordination or approval.

Prior to construction Consultant will provide County with Civil 3D files for construction staking.

EXHIBIT A

Assumptions

- Between one and three NHC staff will attend on-site visits as follows:
 - 1 pre-construction site visit
 - 2 visits to observe large wood structure assembly (assumed over 5 weeks)
 - 16 visits to observe construction (assumed over 8 weeks)
 - 1 final walk through

Client Responsibilities

- County will be responsible for tracking materials delivery and work complete

Deliverables

- Construction observation notes per site visit
- Civil 3D files for construction staking

3 ARCHAEOLOGICAL SERVICES

Refer to the detailed scope in Exhibit B.

4 DOCUMENTATION

NHC will provide responses to RFI's prior to and during construction. NHC will produce record drawings following construction.

Assumptions

- Responses to RFI's will be via phone or email with supporting attachments.
- NHC will produce one draft of the record drawings and incorporate one set of comments into a final version.

Client Responsibilities

- County will be responsible for as-built survey and provide a final CAD survey to NHC for incorporation into the record drawings

Deliverables

- Responses for up to 4 RFI's.
- Record drawings to reflect final configuration of design elements.

COST ESTIMATE

The estimated budget to complete this work is \$82,155 as outlined below.

EXHIBIT A

Cost Estimate							
Northwest Hydraulic Consultants Inc. 12787 Gateway Drive S Seattle, WA 98168 Tel. (206) 241-6000 Fax (206) 439-2420				Prepared for: Geoff Soderquist Project: Shorey Road Long-Term Bank Stabilization Project No.: 2007057 Prepared By: K. Kramer, J. Lammers Date: 12/8/2023			
Labor Detail					Total Task Cost		
Task Description	Principal - Tier 2	Senior Engineer 1	Engineer 1	Labor Total	Direct Expenses	Subs	Summed Task Total
1 Project Management	2	4		\$ 1,391			\$ 1,391
2 Construction Support	20	20	240	\$ 47,524	\$ 2,515		\$ 50,039
3 Archaeological Services						\$ 25,920	\$ 25,920
4 Documentation	4		24	\$ 4,805			\$ 4,805
Total Hours	26	24	264				
Direct Rate	\$ 80.61	\$ 72.12	\$ 51.31				
Overhead (179.23%)	\$ 144.48	\$ 129.26	\$ 91.96				
Fee (30%)	\$ 24.18	\$ 21.64	\$ 15.39				
Total Labor Rate	\$ 249.27	\$ 223.02	\$ 158.66				
Total				\$ 53,720	\$ 2,515	\$ 25,920	\$ 82,155
Direct Expenses							
Description	Task			Units	Rate		Cost
Mileage	2			3,840	\$ 0.655		\$ 2,515
Total Direct Expenses:							\$ 2,515
Cost Summary							
Description							Cost
Total Labor							\$ 53,720
Total Direct Expenses							\$ 2,515
Total Subconsultants							\$ 25,920
Total Project Cost:							\$ 82,155

EXHIBIT B

ARCHAEOLOGICAL SERVICES





Cultural Resource Consultants

Project Scope and Fee Agreement

Client Information

Company	Project Manager / Contact Name	Phone
Northwest Hydraulic Consultants	Jessica Lammers	206-241-6000 x 5504
Mailing Address	City, State, Zip	Email
12787 Gateway Drive S	Seattle, WA 98168	jlammers@nhcweb.com

Project Information

Project Title	Regulatory Nexus	CRC Project Number		
Shorey Road Long Term Bank Stabilization Project		2111B-2		
Project Location		Project City		
Lewis County parcels 021817000000 and 017574001000 and portions of the adjacent Shorey Road NE right-of-way		Chehalis		
Section	Township	Range	County	Total Project Area
6	13 N	02 W	Lewis	1.62 acres
31	14 N	02 W		

Project Description

The project proposes to improve the stability of an eroding bank of the Newaukum River. CRC completed a cultural resources assessment for the project in April 2023. This scope covers development and implementation of an archaeological monitoring and inadvertent discovery plan (MIDP) for project ground disturbing activities.

Project Schedule

Anticipated Completion Date:

**January -
September 2024**

CRC will prepare the MIDP in January-February 2024. CRC will require a minimum of 2-weeks notice prior to beginning of monitoring. CRC will monitor during construction excavation and, as requested, with 72 hours notice. If project schedules change, CRC requests 48 hours notice for scheduling modifications.

Project Assumptions

- * If human remains are found within the project area, all CRC field investigations will cease immediately, proper authorities will be notified and CRC will not resume field investigations until applicable state laws are addressed.
- * Budget assumes no archaeological sites will be identified during monitoring. If a site or sites are found, an adjustment to the project scope and budget would be necessary to accommodate site recordation, evaluation, and compliance with state/federal guidelines and regulations.
- * Budget assumes up to twenty (20) days for archaeological monitoring. The budget would need to be amended if more than 20 days of monitoring are needed.
- * This scope assumes that no night or weekend monitoring will occur.
- * This scope and budget is based upon the assumption that CRCs current levels of insurance liabilities are sufficient for this project (sample certificate of insurance attached).
- * This scope assumes that no meetings with clients and/or stakeholders will be required.
- * Final construction plans must be provided to CRC to facilitate preparation of the MIDP.
- * No cultural resources study can wholly eliminate uncertainty regarding the potential for prehistoric sites, historic properties or traditional cultural properties to be associated with a project. The information we will present within our reports is based on our years of experience and professional opinions derived from the analysis and interpretation of the documents, records, literature, and information we are able to identify and use within our report, and during our field investigation and observations to be conducted in the process of preparing our technical report. The conclusions and recommendations we present will apply to the project conditions existing at the time of our study and those reasonably foreseeable.

Project Deliverables for Archaeological Monitoring

CRC will provide the following project components as part of these monitoring efforts.

Task 1 - Archaeological Monitoring Plan

CRC will prepare an Archaeological Monitoring and Inadvertent Discovery Plan for the project. The MIDP will specify the monitoring level of effort for the project's ground disturbing activities. A draft MIDP will be submitted for the County's review. A final version will be prepared addressing any comments received.

Task 2 - Construction Crew Orientation

CRC will provide on-site archaeological monitoring orientation for construction crew at the beginning of excavation for the project.

Task 3 - Field Monitoring

CRC will provide archaeological monitoring, with 2-weeks notice of preliminary schedule and 72-hours notice of actual schedule, during construction excavation for identification of archaeological and historical resources. Excavation for construction is scheduled to occur during Summer 2024.

Task 4 - Archaeological Monitoring Technical Memorandum

CRC will prepare a technical memorandum describing field monitoring results of investigations. A draft MIDDP will be submitted for the County's review. A final version will be prepared addressing any comments received.

Project Fee

The fee for services described above is anticipated to be less than **\$25,920.00**

* CRC will email monthly invoices.

* Payment for work completed is due upon receipt of invoice.

This Agreement expires on 31 December 2024. Related records will be retained through 2027.

Northwest Hydraulic Consultants

Jessica Lammers
12787 Gateway Drive S
Seattle, WA 98168

Cultural Resource Consultants

Margaret Berger
P.O. Box 4159
Seattle, WA 98194

Name/Title:

CRC Owner

Date:

Date: