

**PROJECT ADDENDUM NO. 4
TO CONSULTANT SERVICES CONTRACT**

**POLICE STATION RETAINING WALL DESIGN
G&O #17273.08**

This Project Addendum entered into this day ___ of _____ 2018, by and between the City of Kalama, Washington, hereinafter referred to as the Agency, and Gray & Osborne, Inc., hereinafter referred to as the Engineer, hereby modifies the Consultant Services Contract for engineering services dated (by Agency) July 31, 2017, for additional services related to the Police Station Retaining Wall Design. The Scope of Work and Cost Proposal are described in the attached Exhibits A and B.

The maximum amount payable to the Engineer for completion of work associated with this Project Addendum, under this Scope of Work, including contingencies, salaries, overhead, direct non-salary costs and net fee shall not exceed \$3,350 without prior written authorization of the City.

IN WITNESS WHEREOF, the parties hereto have executed, or cause to be executed by their duly authorized officials, this AMENDMENT to the Contract for Engineering Services in duplicate on the respective dates indicated below.

GRAY & OSBORNE, INC.

CITY OF KALAMA

By: 
(Signature)

By: _____
(Signature)

Name: Michael B. Johnson, P.E., President
GRAY & OSBORNE, INC.

Name: _____
(Print)

Date: 2/21/18

Date: _____

"Equal Opportunity/Affirmative Action Employer"

EXHIBIT A

SCOPE OF WORK

CITY OF KALAMA POLICE STATION RETAINING WALL DESIGN

SUMMARY OF PROJECT UNDERSTANDING

The City of Kalama is in the process of designing a new police station at the Maruhn Park location along East Frontage Road. The site design by MacKenzie includes construction of a new retaining wall along the base of the hill at the east side of the site. The retaining wall is proposed to be constructed of rock and would be approximately 220 feet long and 8 feet tall at its highest point. The City has requested that Gray & Osborne provide structural design for the retaining wall.

SCOPE OF WORK

Gray & Osborne proposes to provide the following design engineering services to assist the City of Kalama with the design of this project.

1. Provide Project Management

Provide project management services during the design engineering phase of the project. This task will include coordinating and managing the schedule and budget for the project team. The City will be provided with budget updates on a monthly basis.

2. Complete Plans, Specifications, and Cost Estimate

Complete structural design of the retaining wall. This task includes completing the engineering analysis and calculations necessary to complete the design. Our geotechnical subconsultant Pangeo will complete additional field investigation to provide geotechnical design criteria for the wall. This task includes preparation of detailed plan sheets and cost estimate to adequately describe the work for a public works contractor. The plan sheets for the wall will contain all required notes for construction. Separate specifications will not be prepared. We understand that wall plan sheets will be included in the Police Station planset being prepared by MacKenzie.

3. Prepare Permit Application

Prepare building permit application materials for the retaining wall.

4. Complete QA/QC Review

Conduct internal Quality Assurance/Quality Control review of the project deliverables.

BUDGET

Based on the Scope of Work described above, the total estimated cost for engineering services is **\$3,350** as shown in the attached Exhibit A.

SCHEDULE

The anticipated schedule of work is as follows:

Notice to Proceed	February 22, 2018
Submit Final Plans and Cost Estimate	March 9, 2018

DELIVERABLES

Deliverables will be provided in the following format:

Final Plans and Cost Estimate - three copies
Permit Applications – one copy

Electronic copies will also be provided for all deliverables.

ASSUMPTIONS

1. Costs of permit and application fees have not been included. It has been assumed that these fees will be paid directly by the City.

EXHIBIT "B"

ENGINEERING SERVICES SCOPE AND ESTIMATED COST

City of Kalama - Police Station Retaining Wall

Tasks	Project Manager Hours	Structural Eng. Hours	AutoCAD Tech Hours
1 Project Management	1		
2 Complete Plans and Cost Estimate		8	6
3 Prepare Permit Application		1	
4 Complete QA/QC Review	1	1	
Hour Estimate:	2	10	6
Fully Burdened Billing Rate Range:*	\$106 to \$184	\$100 to \$168	\$42 to \$120
Estimated Fully Burdened Billing Rate:*	\$160	\$145	\$80
Fully Burdened Labor Cost:	\$320	\$1,450	\$480

Total Fully Burdened Labor Cost:	\$	2,250
Subconsultant:		
PanGEO	\$	1,000
Subconsultant Overhead (10%)	\$	100
TOTAL ESTIMATED COST:	\$	3,350

* Actual labor cost will be based on each employee's actual rate. Estimated rates are for determining total estimated cost only. Fully burdened billing rates include direct salary cost, overhead, and profit.