

**PROJECT ADDENDUM NO. 6
TO CONSULTANT SERVICES CONTRACT**

**GERANIUM STREET AND NORTH 1ST PLACE STORMWATER
IMPROVEMENT PROJECT**

This Project Addendum entered into this day ___ of _____ 2019, 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 Robb Road Water Main Loop Project.

SUMMARY OF PROJECT UNDERSTANDING

Gray & Osborne recently completed a Stormwater Utility Formation Study for the City of Kalama. As part of this study, the City identified existing deficiencies in the City's stormwater facilities. One deficiency that was identified was on North 1st Place behind Kalama Telephone. Field survey of the facilities in this area found undersized 6-inch diameter storm pipes, some of which have a reverse grade. Gray & Osborne prepared a technical memo dated December 5, 2018 that evaluated alternatives and recommended replacement of approximately 410 lf of stormwater pipes on North 1st Place and Geranium Street with pipes ranging in size from 8-inch to 16-inches. The City would now like to complete design of this project so that it can be constructed in 2019.

SCOPE OF WORK

Gray & Osborne proposes to provide the following design engineering services to assist the City of Kalama with completion 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. This task will also include coordination with the City and regulatory agencies.

2. Research Existing Utilities

Contact utility providers in the area to obtain record drawing information of existing utilities in the project area. Coordinate with the City to call for underground locates to be completed in the project area prior to completing topographic survey.

3. Complete Topographic Survey and Identify Right-of-Way

Complete a field topographic survey of the proposed stormwater replacement. Identify existing marked utilities, surface features, and right-of-way.

4. Complete Stormwater Replacement Design

Complete engineering design of the project. This task includes completing the engineering analysis and calculations necessary to complete the design. This task also includes preparation of detailed plans, specifications, and cost estimates to adequately describe the work for a public works contractor. Gray & Osborne will provide the following services to complete this task.

A. Identify Preliminary Alignment

Identify a preliminary alignment for the proposed stormwater line in each segment based upon right-of-way, roadway, and utility constraints. Provide preliminary alignment to the City for review and comment.

B. Prepare 90 Percent Submittal

Prepare 90 percent plans, specifications, and construction cost estimates for the project. Plans and specifications will be suitable for public works bid. Specifications will be prepared in CSI format. 90 percent plans, specifications, and cost estimates will be submitted to the City for review and comment.

C. Prepare Final Submittal

Prepare final plans, specifications, and construction cost estimates for the project. Plans and specifications will be suitable for public works bid. Specifications will be prepared in CSI format. Final plans, specifications, and cost estimates will be submitted to the Agencies for regulatory approval.

5. Prepare Permit Applications

Coordinate with the various permitting agencies and prepare the required permit applications for the project. Anticipated permit applications include the following:

- SEPA Checklist

Permit application and review fees have not been included in this scope of work. It has been assumed that these will be paid directly by the City.

6. Complete QA/QC Review

Conduct internal Quality Assurance/Quality Control reviews of the 50 percent submittal, 90 percent submittal, and final submittal for the project.

7. Attend Meetings and Site Visits

Attend meetings with City staff during development of the plans and specifications to discuss project issues and review draft deliverables. Complete site visits to verify site conditions.

- 90 Percent Design Review Meeting
- Site Visits (1)

BUDGET

Based on the Scope of Work described above, the total estimated cost for engineering services is **\$18,700** as shown in the attached Exhibit A.

SCHEDULE

The anticipated schedule of work is as follows:

Notice to Proceed	April 5, 2019
Provide Preliminary Alignment	May 15, 2019
Submit 90 Percent Plans, Specifications and Cost Estimate	June 15, 2019
Submit Final Plans, Specifications and Cost Estimate	July 7, 2019

DELIVERABLES

Deliverables will be provided in the following format:

- Preliminary Alignment – two copies
- 90 Percent Plans, Specifications, and Cost Estimate – two copies
- Final Plans, Specifications, and Cost Estimate – two copies
- SEPA Checklist – one copy

Electronic pdf files will be provided for each deliverable.

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.
2. Construction management and inspections services are not included in this scope of work. If desired, a separate scope of work for these services can be prepared upon completion of design.

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

GRAY & OSBORNE, INC.

CITY OF KALAMA

By: 
(Signature)

By: _____
(Signature)

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

Name: _____
(Print)

Date: 3/21/19

Date: _____

"Equal Opportunity/Affirmative Action Employer"

EXHIBIT "A"

**ENGINEERING SERVICES
SCOPE AND ESTIMATED COST**

City of Kalama - Geranium Street and North 1st Place Stormwater Improvement Project - Project Addendum No. 6

Tasks	Principal Hours	Project Manager Hours	Civil Eng. Hours	AutoCAD Tech Hours	Professional Land Surveyor Hours	Field Survey Hours (2 person crew)
1 Project Management		2				
2 Research Existing Utilities		1	4			
3 Complete Topographic Survey and Identify Right-of-Way		1	2	4	4	16
4 Complete Stormwater Design						
a. Identify Preliminary Alignment		4	4	8		
c. Prepare 90 Percent Plans and Specifications and Cost Estimate		4	20	20		
d. Prepare Final Plans and Specifications and Cost Estimate		4	8	8		
5 Prepare Permit Applications		1	2			
6 Complete QA/QC Review	4	2	2			
7 Meetings/Site Visits		8	4			
Hour Estimate:	4	27	46	40	4	16
Fully Burdened Billing Rate Range:*	\$129 to \$190	\$119 to \$190	\$103 to \$129	\$48 to \$126	\$113 to \$145	\$166 to \$213
Estimated Fully Burdened Billing Rate:*	\$170	\$165	\$125	\$85	\$140	\$185
Fully Burdened Labor Cost:	\$680	\$4,455	\$5,750	\$3,400	\$560	\$2,960

Total Fully Burdened Labor Cost: \$ 17,805

Direct Non-Salary Cost:

Mileage & Expenses (Mileage @ \$0.58/mile)

Printing

TOTAL ESTIMATED COST: \$ 18,700

* 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.