

**PROJECT ADDENDUM 3C
TO CONSULTANT SERVICES CONTRACT**

**ROBB ROAD WATER MAIN LOOP PROJECT – RAILROAD CROSSING
CONSTRUCTION MANAGEMENT SERVICES**

This Project Addendum entered into this day ___ of _____ 2016, 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) February 18, 2015, for additional services related to the Robb Road Water Main Loop Project – Railroad Crossing Construction Management.

SUMMARY OF PROJECT UNDERSTANDING

Following award of the construction contract and the beginning of construction of the first phase of the Robb Road Water Main Loop project, BNSF stopped construction and required the City to relocate the crossing of the railroad tracks. Gray & Osborne worked with the railroad to determine an alternate suitable location and prepared revised design drawings and BNSF permit applications for the revised location. Gray & Osborne also negotiated with the construction contractor to determine whether an equitable adjustment could be reached with the contractor to complete the revised work. When an agreement could not be reached, Gray & Osborne completed the closeout documentation for that contract and prepared specifications and bid documents for a new contract for boring at the new location. The City has opened bids on this contract and would like assistance with construction management services for this work.

SCOPE OF WORK

Gray & Osborne proposes to provide the following construction management services to assist the City of Kalama with completion of this project.

1. Provide Project Management

Provide project management services during the construction 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, regulatory agencies, and funding agencies.

2. Review Submittals

Review equipment, material, and plan submittals from the contractor for conformance with the Plans and Specifications. Return submittal review comments to the contractor and City.

3. Provide Field Inspection Services

Provide part-time field inspection services to observe construction and document conformance of the work with the Plans and Specifications. It has been assumed that 128 hours of field inspection will be provided.

Observe means and methods employed by the contractor and materials delivered to the site. Provide project documentation including Daily Reports, Weekly Quantity Reports, and Weekly Working Day Reports. Confirm quantities for payment with the contractor's field representative. At Substantial Completion, complete a project walkthrough with City and the contractor and prepare a punch list of remaining work items to be completed.

4. Prepare Progress Pay Estimates

Prepare monthly progress pay estimates detailing the amount of work completed by the contractor. Verify unit quantities and progress to date on lump sum items.

5. Review and Respond to Requests for Information and Prepare Change Orders

Review and respond to requests for information and clarifications from the contractor. Prepare any clarification drawings or design modifications necessary to complete the project. Prepare and distribute responses. Review, negotiate, and prepare change orders as necessary for review and approval by the City.

6. Conduct Construction Meetings and Site Visits

Attend the preconstruction conference and biweekly project progress meetings to coordinate work activities with the contractor and City. Prepare and distribute meeting minutes to attendees. Meetings and site visits are also intended to review project progress and resolve construction issues. Attendance at a preconstruction meeting, two construction meetings, and a final project walkthrough have been assumed.

7. Prepare Record Drawings

Prepare record drawings in AutoCAD format based on contractor and field inspector redlines.

8. Complete Project Closeout Documentation

Complete project closeout documentation including Department of Revenue Construction Completion Form. Collect required Affidavits of Wages Paid from the contractor.

DELIVERABLES

Deliverables will be provided in the following formats:

Reviewed Submittals	one copy
Inspector Daily and Weekly Reports	one copy
Inspector Photographs	one digital copy
Progress Pay Estimates	one copy
RFI Responses and Change Orders	one copy
Meeting Minutes	one copy
Record Drawings	two half-size and two full-size paper copies and electronic files in AutoCAD and pdf format

At completion of the project, the City will be provided with a CD-Rom with electronic copies of all project documentation.

ASSUMPTIONS

The duty and/or services furnished hereunder by Gray & Osborne do not include a review of the adequacy of any contractor's safety measures in, on, or near a project construction site. The contractor alone shall have the responsibility and liability thereof, and shall be insured accordingly. Neither the activities of Gray & Osborne, nor the presence of their employees at a site, shall relieve the contractor of their obligations, duties, and responsibility with any health or safety precaution required to ensure the safety of the jobsite.

BUDGET

Based on the Scope of Work described above, the total estimated cost for additional engineering services for Project Addendum 3C is **\$21,700** as shown in the attached Exhibit A. The total authorized cost for Project Addenda 3, 3A, 3B, and 3C shall not exceed \$113,249 without written authorization of the City.

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: Michael Johnson
(Signature)

By: _____
(Signature)

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

Name: _____
(Print)

Date: 12/28/2016

Date: _____

“Equal Opportunity/Affirmative Action Employer”

EXHIBIT A

**ENGINEERING SERVICES
SCOPE AND ESTIMATED COST**

*City of Kalama - Robb Road Water Main Loop Project
Project Addendum 3C - Railroad Crossing Construction Management Services*

Tasks	Principal Hours	Project Manager Hours	Civil Engineer Hours	Field Inspector Hours	AutoCAD Technician Hours
1 Provide Project Management		2			
2 Review Submittals		2	8		
3 Provide Field Inspection Services				128	
4 Prepare Progress Pay Estimates		2	4		
5 Respond to RFIs and Prepare Change Orders	1	2	4		2
6 Conduct Construction Meetings and Site Visits		12	6		
7 Prepare Record Drawings		1	2		4
8 Complete Project Closeout Documentation		1	2		
Hour Estimate:	1	22	26	128	6
Fully Burdened Billing Rate Range:*	\$112 to \$188	\$112 to \$188	\$75 to \$130	\$98 to \$158	\$45 to \$85
Estimated Fully Burdened Billing Rate:	\$160	\$153	\$117	\$110	\$70
Fully Burdened Labor Cost:	\$160	\$3,366	\$3,042	\$14,080	\$420

Total Fully Burdened Labor Cost: \$ 21,068

Direct Non-Salary Cost:

Mileage & Expenses (mileage @ current IRS rate) \$ 632

TOTAL ESTIMATED COST: \$ 21,700

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