

**PROJECT ADDENDUM NO. 8
TO CONSULTANT SERVICES CONTRACT**

MEEKER DRIVE BRIDGE LOAD RATING

This Project Addendum entered into this day _____ of April 2020, 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 Meeker Drive Bridge Load Rating Project.

WSDOT and FHWA requires that the Meeker Drive Bridge over the Kalama River be re-load rated for specific emergency vehicles. Gray & Osborne proposes to work with Sargent Engineers, Inc. to complete the required load re-rating and prepare the required report per the attached scope provided by Sargent Engineers.

BUDGET

Based on the Scope of Work described above, the total estimated cost for engineering services is **\$22,615** as shown in the attached Exhibit A.

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: 4/13/2020

Date: _____

"Equal Opportunity/Affirmative Action Employer"

EXHIBIT "A"

ENGINEERING SERVICES SCOPE AND ESTIMATED COST

City of Kalama - Project Addendum 8 - Meeker Drive Bridge Load Rating

Tasks	Project Manager Hours
1 Project Management	1
Hour Estimate:	1
Fully Burdened Billing Rate Range:*	\$119 to \$190
Estimated Fully Burdened Billing Rate:*	\$175
Fully Burdened Labor Cost:	\$175

Total Fully Burdened Labor Cost:	\$	175
Subconsultant:		
Sargent Engineers	\$	20,400
Subconsultant Overhead (10%)	\$	2,040
TOTAL ESTIMATED COST:	\$	22,615

* 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.



Sargent Engineers, Inc.
320 Ronlee Lane NW
Olympia, Washington 98502-9241
Tel 360 867-9284
Fax 360 867-9318
www.sargentengineers.com

March 5, 2020

Mike Johnson, P.E.
Gray and Osborne, Inc.
1130 Rainier Avenue S., Suite 300
Seattle, WA 98144

RE: Meeker Drive Load Rating
Project No.: A20100.00

Dear Mr. Johnson:

You have asked us to update the load rating for the Meeker Drive Bridge. The bridge is composed of three prestressed girder approach spans and a steel truss span.

SCOPE OF WORK

We will load rate the bridge to the current FHWA and WSDOT requirements. The load rating vehicles will include the current design vehicle (HL93), ten legal vehicles (Type 3, Type 3S2, Type 3-3, NRL, SU4, SU5, SU6, SU7, EV2, and EV3) and the two WSDOT overloads (OL1 and OL2). The bridge will be load rated per the LRFR method. Upon completion of the load rating, we will transmit to you a load rating report.

ENGINEERING ESTIMATE

We estimate that we will spend approximately \$20,400 to load rate the bridge. A detailed cost break down follows.

	Principal	Senior Project Engineer	Project Engineer	Task Cost
Rate:	\$178.00	\$137.00	\$127.00	
Review inspection reports			1	\$127
Approach Span Load Ratings				
Preliminary Calculations			1	\$127
Load Rate 3 spans			12	\$1,524
Load Rate 1 cap			5	\$635
Check Load rating		9		\$1,233
Truss Load Rating				
Preliminary Calculations			8	\$1,016
Load Rate Floor Beam			4	\$508
Load Rate 15 Members			32	\$4,064
Load Rate 9 Joints			36	\$4,572
Check Load Rating		40		\$5,480
Assemble Load Rating		4	4	\$1,056
Total Direct Salary Cost	0	53	103	\$20,342
Total				\$20,342

SCHEDULE

It will take us approximately three months to complete the load rating after the notice to proceed.

If you should have any questions, please call.

Respectfully,
Sargent Engineers, Inc.



Monte Smith
 Principal

MJS

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