

Snohomish County Standard Consultant Agreement Supplement		Consultant/Address/Telephone BergerABAM Inc. 33301 Ninth Avenue South, Suite 300 Federal Way, WA 98003	
Supplement Number Supplement No.10		Contact Name / E-Mail Address Robert L. Fernandes / bob.fernandes@abam.com	
Agreement Number CCF07-13		Execution Date <i>August 8, 2013</i>	Completion Date <i>December 31, 2019</i>
Project Title Structural Engineering, Geotechnical Design, Survey and Mapping Services for the Index Galena Road (MP 6.4 – 6.9) Flood Repair Project		New Maximum Amount Payable \$2,762,026.00	
Description of Work <i>Provide Structural Engineering, Geotechnical Design, Survey and Mapping Services for the Index Galena Road (MP 6.4 – 6.9) Flood Repair Project. The Index-Galena Road is located along the Skykomish River in the Mount Baker – Snoqualmie National Forest in southeast Snohomish County. During Fall 2006 it was severely damaged by flooding and was washed out between mile posts 6.4 and 6.9.</i>			

WHEREAS, Snohomish County desires to supplement the Agreement entered into with **BergerABAM Inc.** and executed on the 8th day of August, 2013, as amended by Supplement No.1 on the 13th day of May, 2014, Supplement No.2 on the 24th day of February, 2015, Supplement No.3 on the 21st day of October, 2015, Supplement No.4 on the 17th day of December, 2015, Supplement No.5 on the 28th day of April, 2016, Supplement No.6 on the 27th day of July, 2016, Supplement No.7 on the 2nd day of November, 2016, Supplement No.8 on the 26th day of September, 2017, and Supplement No.9 on the 20th day of June 2018, and identified as Agreement No. **CCF07-13**. All provision of the basic agreement remain in effect except as expressly modified by this supplement.

The changes to this Agreement are described as follows:


1. Section II **Scope of Work**, is hereby amended to read:

The Scope of Work and projected level of effort required for this PROJECT is detailed in Exhibit "A" comprised of Exhibit A-1, Exhibit A-1a, Exhibit A-1b, Exhibit A-1c, Exhibit A-1d, Exhibit A-1e, Exhibit A-1f, Exhibit A-1g and Exhibit A-1h attached hereto and by this reference made a part of the AGREEMENT.

2. **EXHIBIT A-1h Supplemental Scope of Work**, attached hereto is added to and incorporated into the Agreement.
3. **EXHIBIT E-1h Supplemental Consultant Fee Determination – Budget**, attached hereto is added to and incorporated into the Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Supplement No.10 on this 29 day of MARCH, 2019.


SNOHOMISH COUNTY



Signature
STEVEN E. THOMSEN, P.E.
PUBLIC WORKS DIRECTOR
SNOHOMISH COUNTY

Title 5/29/19

BERGERABAM INC.



Signature
VICE PRESIDENT

Title

**CONTRACT TEMPLATE ONLY
REVIEWED AND APPROVED:**

Rebecca J. Guadamud
Deputy Prosecuting Attorney
Date: 11/26/14

**CONTRACT TEMPLATE ONLY
REVIEWED AND APPROVED:**

Keith Mitchell
County Risk Manager
Date: 12/5/14

EXHIBIT A-1h Supplemental Scope of Work

PROJECT DESCRIPTION

The COUNTY desires to restore the roadway connection of the Index-Galena Road between project design Mileposts 6.088 and 7.032 by constructing a new roadway realigned to the south and east of the original roadway which was damaged during flooding of the North Fork of the Skykomish River in November of 2006.

The design phase of the project is nearing completion and there is some additional effort remaining due to an increase in the scope of work for existing tasks and the addition of new work items for existing tasks that were not previously scoped. The Shoreline Permit was appealed and has delayed the proposed construction advertisement date.

SUPPLEMENTAL SERVICES

The purpose of these supplemental services is to complete the Plans, Specifications, and Estimates (PS&E) for design of the project through the Ad-Ready Submittal and provide additional permitting support.

This supplemental scope of work includes the following existing tasks:

- Task 25 - Project Management
- Task 29 – Permitting Support
- Task 33 – PS&E Submittals
- Task 35 - Quality Assurance / Quality Control

REDUCED SERVICES

The following existing tasks will be reduced or removed from the scope of services:

- Task 25.5 – Project Closeout
- Task 26.2 – Survey & Base Mapping, Field Staking for RFP/Bidding

ESTIMATED LEVEL OF EFFORT

The estimated level of effort to provide these services is shown in Exhibit E-1h and is based upon the following scope of work, assumptions, and task descriptions.

SCHEDULE

The current target for advertisement for bidding has been extended and is now expected in late fall of 2019 to allow construction to begin in 2020. The project schedule is dependent on completion of the PS&E and environmental permit approvals, and milestones for deliverables of this scope will be developed in consultation with the COUNTY.

This scope of work assumes that the project design to date which is approximately 95 percent complete, will be finalized during this last phase of design services without any major changes to the project design and associated construction documents that would appreciably change the current completion direction and/or schedule.

TASK 25 PROJECT MANAGEMENT

The CONSULTANT will provide additional project administration, management and coordination associated the extended timeframe for completion of the project design and bidding phases. Supplemental project management services for Tasks 25.1 - 25.4 are identified in the associated estimate of effort, Exhibit E-1h.

TASK 29 PERMITTING SUPPORT

Task 29.3 Shoreline Permit Appeal

The CONSULTANT will provide additional project permit support services during the shoreline permit appeal process. These services include coordination, review of documentation, and additional coordination and consultation. Participation in the appeal hearing is not included and can be added at request of the COUNTY.

TASK 33 PS&E SUBMITTALS

The CONSULTANT will provide additional effort for preparation of submittals to complete the project design phase to support changes to the project earthwork and grading following discussions and direction by the COUNTY. The additional effort includes revisions to plans, specifications, and estimates (PS&E) associated with changes to bid items for earthwork and grading, and responses to additional COUNTY comments received.

Project specifications will be reviewed and updated for consistency with the new 2019 Amendments to the 2018 WSDOT Standard Specifications manual.

One additional phone conference is included for final grading coordination and one additional review meeting with COUNTY staff is included for final comments, along with associated effort for finalizing the PS&E for the Ad-Ready submittal.

TASK 35 QUALITY ASSURANCE / QUALITY CONTROL

The CONSULTANT will provide additional effort for Quality Assurance/Quality Control commensurate with the revisions to drawing sheets, specification items, and associated project quantity and cost items.

CONSTRUCTION PERIOD SERVICES

Services to be performed during the project construction are not included in this scope of services and will be provided as supplemental services when the project enters the construction phase as agreed upon with the COUNTY.

EXHIBIT E-1h
Supplemental Consultant Fee Determination – Budget

Index-Galena Road MP 6.4 to 6.9 Realignment
Snohomish County - RC 1532 / UPI #06-0150

BergerABAM PERSONNEL

<u>Project Function</u>	<u>Hours</u>		<u>Billing Rate</u>		<u>Cost</u>
1 Engineer VIII/IX - Principal / Officer	55.0	X	\$ 230.00	= \$	12,650
2 Senior Construction Specialist	46.0	X	\$ 186.08	= \$	8,560
3 Engineer VI/VII - Structural Project	54.0	X	\$ 168.30	= \$	9,088
4 Engineer IV - Structural / Civil	0.0	X	\$ 121.99	= \$	-
5 Engineer VI - Civil Project	17.0	X	\$ 168.30	= \$	2,861
6 Applications Programmer II	8.0	X	\$ 165.54	= \$	1,324
7 CAD Operator / Designer	58.0	X	\$ 120.72	= \$	7,002
8 Survey Director	0.0	X	\$ -	= \$	-
9 Coordinator / Administration	10.0	X	\$ 117.30	= \$	1,173
BergerABAM Hours, TOTAL		248	Subtotal Personnel Costs = \$		42,658
			Salary Escalation = 0.00%		\$ -
				TOTAL PERSONNEL COSTS = \$	42,658

EXPENSES / DIRECT NONSALARY COSTS (DNSC)

Mileage	-	miles @ \$ 0.535	\$ -
Federal Express / Courier	0	each @ \$ 15.00	\$ -
TOTAL REIMBURSABLE EXPENSES (DNSC) = \$			-

SUBTOTAL BergerABAM COST = \$ 42,658

REALLOCATED BUDGETS FROM EXISTING COMPLETED TASKS

Task 25.5 Project Management / Project Close-Out	* See NOTE 1	\$ 8,300
Task 26.0 Survey & Base Mapping		\$ 3,789
Task 26.2 Survey & Base Mapping (Sitts & Hill)	* See NOTE 2	\$ 27,600
Task 34.0 Easement Plans		\$ 1,900
Reimbursable Expenses		\$ 1,069
SUBTOTAL BUDGETS REALLOCATED TOWARDS COSTS = \$		42,658

- * **NOTES:** 1. Close-out services for PS&E to be included as transition services with CN period services.
 2. Additional site surveying prior to bidding to be included with CN period services.

ESTIMATED TOTAL SUPPLEMENTAL COST = \$ 0

SUPPLEMENT NO. 10 - Additional Services		Task Number	Engineer V/III/II/Principal / Officer	Senior Construction Specialist	Engineer V/III/II - Structural Project	Engineer IV - Structural / Civil	Engineer VI - Civil Project	Applications Programmer II	CAD Operator / Designer	Survey Director	Coordinator / Administration	Totals
TASK DESCRIPTION		BILLING RATE ==>	\$ 230.00	\$ 180.00	\$ 180.00	\$ 121.80	\$ 180.00	\$ 182.50	\$ 120.72	\$ -	\$ 117.30	
TASK 25 - PROJECT MANAGEMENT		25	18		8						4	28
	Project Coordination	25.1	8		4						4	16
	Progress Meetings & Conference Calls	25.2	8		4							10
	Management of Subconsultants	25.3	4									4
	Project Demobilization and Re-starts	25.4										
	Project Close-Out	25.5										
	TASK	25	\$4,140		\$1,348						\$460	\$ 5,968
TASK 29 - PERMITTING SUPPORT		29	12				4					18
	Shoreline Permit Appeal	29.5	12				4					4
	Team Communication & Coordination		4				4					4
	Review of Shoreline Permit Appeal Documents		4									4
	Additional Coordination & Consultation		4				4					8
	TASK	29	\$1,760				\$672					\$3,432
TASK 33 - PS&E SUBMITTALS		33	20	42	38		4	8	58		8	178
	Additional Comments - Review & Respond		2	4	8							14
	Comments & Grading Revisions - Update Design Files and Plans		1		8		4	8	48			60
	Grading Revisions - Update Quantities & Unit Costs		1	8					4			13
	Grading Revisions - Phone Conference Coordination		2	2	2							8
	Final Specifications & Special Provisions		2	8	4						4	18
	Final Engineer's Cost Estimate		2	8	2							10
	Final Comment Review Meeting		8	8	8							24
	Review and Respond to Final Comments		1	4	4				4		2	15
	As-Ready Submittal		1	2	2				2			7
	TASK	33	\$4,800	\$7,815	\$6,305		\$672	\$1,324	\$7,062		\$704	\$28,514
TASK 35 - QUALITY ASSURANCE / QUALITY CONTROL		35	8	4	8		8					28
	TASK	35	\$1,150	\$744	\$1,346		\$1,515					\$ 4,765
BergerABAM TOTAL HOURS =			55	48	54		17	8	68		18	248