



Supplemental Agreement Number <u>03</u>		Organization and Address PBS Engineering & Environmental 314 W. 15th Street Vancouver, WA 98660	
Original Agreement Number SS-612C1		Phone: 360-695-3488	
Project Number SS-612C1	Execution Date 3/8/2016	Completion Date 12/31/2017	
Project Title Forest Home Road Slide Repair	New Maximum Amount Payable \$ 282,572.44		
Description of Work Design engineering, environmental process, public involvement process and other related architectural and engineering services for the Forest Home Road Slide Repair project. Professional services will include land surveying, geotechnical evaluation, structural design, environmental documentation, and permits, civil design and utility coordination, additionally, project documentation and required federal documentation will be performed.			

The Local Agency of City of Camas
desires to supplement the agreement entered into with PBS Engineering & Environmental
and executed on 3/8/2016 and identified as Agreement No. SS-612C1

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

I

Section 1, SCOPE OF WORK, is hereby changed to read:

Addition of Construction inspection and management. See attached exhibit C.

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: no change

III

Section V, PAYMENT, shall be amended as follows:

Addition of Construction inspection and management budget. See attached exhibit D

as set forth in the attached Exhibit A, and by this reference made a part of this supplement.

If you concur with this supplement and agree to the changes as stated above, please sign in the appropriate spaces below and return to this office for final action.

By: Gregory P. Jellison, Principal

By: _____

Consultant Signature

Approving Authority Signature

Date

SUPPLEMENT 3
EXHIBIT C

SCOPE OF WORK
Construction Administration Services

SS-612C1 Forest Home Road Slide Repair Project
City of Camas, Washington

GENERAL DESCRIPTION

The City of Camas (City) has asked PBS to perform construction management support for the Forest Home Road Slide Repair Project. The project is currently in the Final Design phase, and is expected to start construction in April 2017. PBS is proposing the scope items below to accommodate this work.

In general, the construction engineering phase will involve, but not be limited to, the following key components and deliverables:

- Preparation and submittal of monthly invoices to City for services performed
- Limited construction management and administration
- Attendance at preconstruction conference
- Preparation of Record of Materials (ROM)
- Review of material submittals
- Tracking of weekly statements of working days
- Review of contractor monthly pay estimates and submittal to City
- Review of contractor proposals for alternate "or equal" materials
- Attendance at weekly on-site construction meetings
- Construction engineering support
- Construction Inspection
- Construction surveying
- Preparation of draft project closeout paperwork
- Preparation and submittal of construction record drawings

ASSUMPTIONS

The following assumptions are specific to the work involved with construction management and inspection:

1. The City will be responsible for all utility coordination.
2. Construction will be completed in the 40 working days allotted to the project, with an assumed 8 weeks of construction.
3. Construction staking will be performed by the Contractor.
4. Probable start of construction: April 2017.
5. Probable end of construction: July 2017.

6. The City will be responsible for bid opening, award recommendation, and contract execution for the proposed project.
7. The City will have a Local Agency Agreement with WSDOT.
8. Certified payrolls verifying federal prevailing wage rates will be required.
9. The City will function as the primary Construction Manager and will provide final approval of all paperwork items. The City's Construction Manager will be responsible for distribution of paperwork items to the Contractor, City Inspector, and PBS' Construction Manager.
10. The City's Construction Manager will be responsible for any negotiations or management of disputes with the Contractor, utility companies, or private property owners.
11. PBS' Construction Manager and Project Assistant will prepare draft versions of paperwork, as described in this scope, and will provide the drafts to the City's Construction Manager for review and approval. PBS will maintain this documentation as items are reviewed and approved.
12. In this scope, "PBS" is used to represent both PBS' Construction Manager and Project Assistant, unless otherwise indicated in the task description.
13. Columbia West has been retained by the City for performance of materials and compaction testing.

SCOPE OF WORK

Task 11: Project Management and Coordination

Sub-Task 11.1: Contract Administration, Invoicing, and Progress Reports

PBS will perform project management services to include the following:

1. Prepare and submit monthly invoices. Each invoice will include: date period covered by invoice, number of hours worked during the billing period with billing rates shown, expenses and associated mark-ups, total cost for labor and expenses for the billing period, and a total amount summarizing labor and expenses. No additional markup will be included in the billing by PBS.
2. Prepare a Contract Summary Report to accompany the monthly invoices. The Contract Summary Report will list each invoice as well as current invoice with an itemized summary of invoice numbers, dates, and amounts billed for labor and expenses. The Contract Summary Report will also list the total amount billed to date, total amount remaining under contract, and contract expiration date.
3. Maintain all contract-required documentation. Provide copies of project files and records to the City for audits and public information requests. All final documents shall be provided in electronic format as requested.

Sub-Task 11.1: Deliverables

- Monthly invoices, and Contract Summary Reports
- Project documentation

Sub-Task 11.2: Preconstruction and Kickoff Meetings

1. An initial kickoff/coordination meeting will be conducted with PBS' project team and City staff to establish procedures/protocols and communication requirements for the project. This meeting should occur prior to bid advertisement.

2. PBS will assist the City with coordination of the preconstruction conference.

Exclusions: Preparation of preconstruction meeting agenda. Scheduling of meetings. Distribution of preconstruction meeting notes to all parties.

Sub-Task 11.2: Deliverables

- Preconstruction conference meeting notes provided to the City
- Kickoff coordination meeting notes provided to the City

Sub-Task 11.3: Project Monitoring and Reporting

Project monitoring will include the coordination of design and construction services team members and project scheduling. PBS duties will include the following:

1. Project Management: General coordination with client, other consultants, and stakeholders on construction-related items.

Sub-Task 11.3: Deliverables

- Copies of all written communications.

Sub-Task 11.4: WSDOT Coordination

PBS will facilitate and coordinate with WSDOT to ensure timely receipt and acknowledgement of federal documentation.

Sub-Task 11.4: Deliverables

- Copies of all written communications with WSDOT.

Task 12: Construction Management and Engineering

Sub-Task 12.1: Prepare Record of Materials (ROM)

PBS will prepare a Record of Materials (ROM) and maintain a documented record of all material submittals. PBS will log in and track each approved submittal by the City. PBS duties will include the following:

1. PBS will develop the ROM with material acceptance criteria.
2. PBS will provide the City with a draft ROM for approval and update the ROM acceptance criteria as needed by the City during construction.

Sub-Task 12.1: Deliverables

- Record of Materials (ROM)

Sub-Task 12.2: On-Site Meetings

PBS will attend on-site project progress and utility coordination meetings. Other specific pre-work meetings may include the following (based on need during construction or Contractor request): traffic control/staging, construction surveying, HMAC paving, and striping. PBS will issue meeting notes for each meeting attended. Generally, the City's Construction Manager, PBS' Construction Manager or Project Assistant, City Inspector, and Contractor will be in attendance. Progress meetings will be used to promote effective communication between the City, PBS, Contractor, and other project stakeholders. For budgeting purposes, this task assumes that PBS personnel will attend meetings every other week during construction, for a total of five (5)

on-site meetings.

Exclusions: Preparation of meeting agenda. Scheduling of meetings. Distribution of meeting notes to all parties.

Sub-Task 12.2: Deliverables

- Construction Meeting Notes provided to the City.

Sub-Task 12.3: Material Submittals

PBS will receive and review material submittals (Manufacturer's Certificates of Compliance, Certificates of Material Origin, cut sheets, Qualified Product List sheets, etc.), construction sequence schedules, shop drawings, and other items required from the Contractor to ensure compliance with contract requirements. PBS will review the following submittals, including but not limited to: material-specific submittals, HMA and concrete mix designs, retaining wall calculations and drawings, illumination materials, landscape items, and others required by construction contract specifications.

For budgeting purposes, this task assumes a total of 15 material submittals.

PBS' scope includes the following:

1. PBS will receive, review, and maintain all material submittals, with assistance from structural engineering sub-consultant and geotechnical engineering sub-consultant for submittals pertinent to those areas of expertise. Upon completion of review, PBS will provide a recommendation to the City of appropriate approval requirements for material submittals.

Exclusions: Approval and issuance to Contractor of approved material submittals.

Sub-Task 12.3: Deliverables

- Copies of approved material submittals with associated PBS recommendations for approval.
- Copies of all written communications with the Contractor.

Sub-Task 12.4: Construction Administration and Engineering

The City's Construction Manager will be the direct point of contact for the City Inspector and Contractor and will coordinate with all project stakeholders. PBS' Construction Manager will coordinate with the City Inspector and City Construction Manager throughout the duration of the project, keep a record of decisions made, review and recommend solutions to change order requests, and review progress and final progress estimates. PBS will review and track all Contractor labor compliance documentation, including subcontracts, utilization reports, and subcontractor paid reports. PBS will review the following submittals, including but not limited to: traffic control plans, staging plans, erosion and pollution control plans, quality control plan, construction schedules, and others required by construction contract specifications.

PBS duties will include the following:

1. PBS will receive and review the SPCC Plan and provide the City with a recommendation of approval criteria.
2. PBS will review the Contractor's proposed Monthly Pay Estimate. PBS will provide a draft Monthly Pay Estimate to the City for review and approval. Assumed a total of three (3) monthly estimates plus the

final estimate. Assumed that City Inspector will provide PBS with pay notes no later than three (3) days after the last day of the billing month.

3. PBS will receive and review City Inspector's daily report recording all pertinent information such as: Contractor's hours on the site, weather conditions, and data relative to potential Change Orders, Minor Change Orders, or changed conditions, site visitors, daily activities, and decisions.
4. PBS will receive and review Contractor's Erosion Control Inspection reports. PBS will notify the City Construction Manager if any irregularities or concerns are identified.
5. PBS will receive and review all Requests to Sublet Work for approval of subcontractors, and provide the City with a recommendation of approval criteria.
6. PBS will receive, review, and determine the acceptability of any and all schedules provided by the contractor. These may include the Progress Schedule, Schedule of Submittals, and Schedule of Values. Assumed a total of eight (8) weekly schedules.
7. PBS will track and prepare a weekly statement of Working Days. Assumed a total of eight (8) statements.

Exclusions: Approval and issuance to Contractor of approved submittals, including but not limited to: traffic control plans, staging plans, erosion and pollution control plans, quality control plans, and construction schedules. Approval or acceptance of erosion control inspection or traffic control reports. Approval and issuance to Contractor of approved Requests to Sublet. Approval and issuance of Weekly Statement of Working Days, or addressing Contractor disputes regarding Working Days calculations.

Sub-Task 12.4: Deliverables

- Copies of all plans and reports provided by the Contractor with recommendations of approval criteria
- Copies of Erosion Control Inspection Reports to the City for submission to Washington Department of Ecology
- Draft of Monthly Pay Estimates for review and approval
- Copies of City Inspector's daily reports
- Copies of all written communications
- Record of field decisions
- Record of Contractor labor compliance, including subcontracts
- Weekly Statement of Working Days provided to the City for approval and issuance.
- Copies of all Schedules provided by the Contractor

Sub-Task 12.5: Response to Questions and Change Orders

PBS will assist the City in response to requests for information (RFI) and response for clarifications (RFC) by the Contractor, and provide supplemental information as needed to maintain the progress of the work. If field adjustments are required as a result of a change in conditions or a desired change by the City, PBS will prepare necessary change order documents and plan revisions under direction of the City Construction Manager. PBS will provide the City with draft change order documents for review, approval, and issuance to the Contractor.

PBS' duties will include the following:

1. PBS will assist the City with addressing construction questions and draft up to five (5) RFIs from the Contractor. PBS will provide drafts to the City for approval and issuance to the Contractor.
2. PBS will assist the City with processing up to three (3) RFCs from the Contractor.

3. PBS will assist the City with preparing up to three (3) change orders as needed, and provide these to the City for approval and issuance to the Contractor.
4. PBS will prepare up to two (2) design changes associated with change orders (including exhibits) during the construction process.

Exclusions: Approval and issuance of change order paperwork to Contractor. Negotiation or coordination with Contractor on nature of change order work, payments, or other items.

Sub-Task 12.5: Deliverables

- Draft RFIs to the City for approval and issuance to the Contractor
- Draft RFCs to the City for approval and issuance to the Contractor
- Draft Change Orders to the City for approval and issuance to the Contractor

Sub-Task 12.6: Construction Surveying

PBS Survey Department will provide construction staking checks as requested by the City. For budgeting purposes, this task assumes a two-person survey crew for up to 8 hours. Additional time is included for office preparation and exporting of survey data.

Sub-Task 12.6: Deliverables

- Copies of all written communications
- Staking notes, if requested by the City
- Electronic AutoCAD files, if requested by the City

Task 13: Construction Observation

Sub-Task 13.1: Site Visits

PBS' Construction Manager will perform site visits as necessitated by concerns or issues arising from construction, when requested by the City.

For budgeting purposes, this task assumes the City will request site visits by the PBS Construction Manager for no more than 10 over the course of construction activities.

Sub-Task 13.1: Deliverables

- Copies of all written communications
- Copies of observation reports

Sub-Task 13.2: Geotechnical Support

PBS will coordinate for geotechnical support services with Apex Companies, LLC, to address any questions that may arise in regard to this field of expertise, including visual inspection of the completed excavation to ensure the slide mass is removed, and during construction of the fill placement. This task allows for up to 8 hours of communication and correspondence from Apex Companies, LLC.

For budgeting purposes, this task assumes eight (8) hours total for PBS communication and correspondence with subconsultant and project stakeholders.

Sub-Task 13.2: Deliverables

- Copies of all construction recommendations provided by Apex Companies, LLC
- Copies of all test results and reports by Apex Companies, LLC

Sub-Task 13.3: Structural Support

PBS will coordinate for structural support services with Aptum, Inc., to address any questions that may arise in regards to this field of expertise, including construction of the gabion wall. This task assumes that Aptum, Inc., will perform no more than two (2) site visits throughout the duration of construction, and allows for up to four (4) hours of communication and correspondence from Aptum, Inc.

For budgeting purposes, this task assumes four (4) hours total for PBS communication and correspondence with subconsultant and project stakeholders.

Sub-Task 13.3: Deliverables

- Copies of all construction recommendations provided by Aptum, Inc.
- Copies of all test results and reports by Aptum, Inc.

Sub-Task 13.4: Inspection Services

PBS shall provide on-site construction inspection services. The PBS' construction inspector will be the Engineer's agent for the project and will act as directed by, and under the supervision of the engineer. The inspector's oversight pertaining to the Contractor's work shall, in general, be with the engineer and Contractor, keeping the City staff advised as necessary. The inspector's interaction with subcontractors shall only be through, or with, the full knowledge and approval of the Contractor. The inspector shall communicate with City staff, with the knowledge of and under the direction of the engineer. For budgeting purposes, this assume full time inspection for 40 days. The inspector responsibilities will include the following:

- Inspector will serve as the engineer's liaison with Contractor, working principally through Contractor's superintendent, and assist in providing information regarding the intent of the Contract Documents.
- Inspector will assist in obtaining additional details or information from the City staff when required for proper execution of the work.
- Inspector will conduct on-site observation of the project to ensure all work is completed in accordance with the Contract Documents, and advise the City staff if any changed conditions are encountered.
- Inspector will coordinate in advance of scheduled major inspections, or specialty inspections and verify that appropriate City staff personnel are present, and that adequate records are kept.
- Inspector will prepare a daily inspector report recording all pertinent information such as: Contractor's hours on the site, weather conditions, and data relative to potential Change Orders, Field Orders, or changed conditions, site visitors, daily activities, and decisions.
- Inspector will immediately notify the City staff of any site accidents, emergencies, acts of God endangering the work, or damage to property.
- Inspector will review the contractor's pay estimates to ensure work being paid for has been completed. Inspector will track and process materials-on-hand in accordance with the Contract Documents.
- Inspector will track bid item quantities daily.

Sub-Task 13.4: Deliverables

- Daily Inspection Reports.
- Daily Tracking of Bid Item Quantities.
- Project photos

Task 14: Project Closeout and As-Builts

Sub-Task 14.1: As-Builts

The Final Plans will be revised to conform to construction record drawings from information supplied by the Contractor, City Inspector, and the PBS Survey Department.

PBS' duties will include the following:

1. PBS will prepare Construction Record Drawings based on as-built information provided by the City's Inspector, and survey data collected by the PBS Survey Department.
2. PBS will submit the complete set to the City for approval. Upon receiving approval of as-builts, PBS will provide 1 full size Mylar set and 4 disks, each with one electronic copy in PDF format

Sub-Task 14.1: Deliverables

- Construction Record Drawing in Mylar and electronic formats.

Sub-Task 14.2: Closeout Documentation

PBS will compile project closeout documentation and coordinate with the Contractor and the City to obtain the required documents. PBS will assemble project documentation and deliver to the City at project completion.

1. The City Construction Manager will perform all final inspections and will provide PBS with a list of punch list items. The City Construction Manager will establish dates of substantial, physical, and contract completion, and will provide PBS with these dates.
2. PBS will prepare draft letters of substantial, physical, and contract completion for review, approval, and issuance by the City.
3. PBS will assemble all construction documentation in binders for delivery to the City.

Exclusions: Final inspections and project punch list. Establishment of substantial, physical, and contract completion dates.

Sub-Task 14.2: Deliverables

- Draft letters of substantial, physical, and contract completion for approval and issuance by the City
- Hard copy of all construction documentation and electronic files on CD

REIMBURSABLE EXPENSES

PBS has included reimbursable expenses for:

1. Vehicle mileage

2. Printing, copying, or binding services

EXHIBIT D

Forest Home Road Slide Repair - Const Mgmt Phase

Task and Description	Eng Mngr VI	Des Tech IV	Des Tech III	Survey Prin	Survey Crew - 2 person	Survey LSIT	Survey Tech I	Constr. Insp. I	Admin	Expense	HDJ	SUBCONSULTANTS (NTE)		SUB	Phase 1	Phase 2	Design	CM	Total
											TOTAL	Apex	Aptum		BUDGET	BUDGET	BUDGET	BUDGET	BUDGET
TASK 1 - PROJECT MANAGEMENT AND ADMINISTRATION											\$0.00			\$0.00	\$9,942.00	\$14,842.00	\$24,784.00	\$0.00	\$24,784.00
Subtask 1.1 Contract Administration, Invoicing, and Progress Reports											0.00			0.00	1,082.00	\$3,162.00	\$4,244.00	\$0.00	\$4,244.00
Subtask 1.2 Meetings											0.00			0.00	1,020.00	\$5,480.00	\$6,500.00	\$0.00	\$6,500.00
Subtask 1.3 Management, Coordination and Direction											0.00			0.00	4,120.00	\$3,100.00	\$7,220.00	\$0.00	\$7,220.00
Subtask 1.4: Coordination with WSDOT and FHWA											0.00			0.00	3,720.00	\$3,100.00	\$6,820.00	\$0.00	\$6,820.00
TASK 2 -Data Collection											\$0.00			\$0.00	\$15,803.00	\$0.00	\$15,803.00	\$0.00	\$15,803.00
Subtask 2.1 Surveying											0.00			0.00	13,420.00	0.00	13,420.00	0.00	13,420.00
Subtask 2.1.1: Control Network											0.00			0.00	3,630.00	\$0.00	\$3,630.00	\$0.00	\$3,630.00
Subtask 2.1.2: Conduct records research											0.00			0.00	722.00	\$0.00	\$722.00	\$0.00	\$722.00
Subtask 2.1.3: Preconstruction record of survey and resolution											0.00			0.00	1,444.00	\$0.00	\$1,444.00	\$0.00	\$1,444.00
Subtask 2.1.4: Topographic Survey											0.00			0.00	5,374.00	\$0.00	\$5,374.00	\$0.00	\$5,374.00
Subtask 2.1.5: Legal Descriptions											0.00			0.00	2,250.00	\$0.00	\$2,250.00	\$0.00	\$2,250.00
Other Data Collection											0.00			0.00	2,383.00	0.00	2,383.00	0.00	2,383.00
Subtask 2.2: Base Map											0.00			0.00	1,371.00	\$0.00	\$1,371.00	\$0.00	\$1,371.00
Subtask 2.3: Site Vsits											0.00			0.00	764.00	\$0.00	\$764.00	\$0.00	\$764.00
Subtask 2.4: Project Photos											0.00			0.00	248.00	\$0.00	\$248.00	\$0.00	\$248.00
Task 3: Geotechnical Engineering											\$0.00			\$0.00	\$33,208.00	\$0.00	\$33,208.00	\$0.00	\$33,208.00
Subtask 3 Geotechnical Engineering											0.00			0.00	33,208.00	\$0.00	\$33,208.00	\$0.00	\$33,208.00
TASK 4: Environmental											\$0.00			\$0.00	\$21,489.73	\$28,361.73	\$49,851.46	\$0.00	\$49,851.46
Subtask 4.1: Stream and Wetland Field Review and Report											0.00			0.00	3,774.11	\$5,785.81	\$9,559.92	\$0.00	\$9,559.92
Subtask 4.2 Joint Aquatic Resources Permit Application and Clean Water Act											0.00			0.00	2,320.25	\$3,865.01	\$6,185.26	\$0.00	\$6,185.26
Subtask 4.3 Washington Dept of Fish & Wildlife Hydraulic Project Approval											0.00			0.00	1,499.00	\$1,427.81	\$2,926.81	\$0.00	\$2,926.81
Subtask 4.4 National Environmental Policy Act (NEPA) Compliance											0.00			0.00	2,466.33	\$1,163.92	\$3,630.25	\$0.00	\$3,630.25
Subtask 4.5 Endangered Species Act (ESA) Compliance											0.00			0.00	4,637.30	\$613.64	\$5,250.94	\$0.00	\$5,250.94
Subtask 4.6 Sole Source Aquifer Program Compliance											0.00			0.00	1,669.54	\$613.64	\$2,283.18	\$0.00	\$2,283.18
Subtask 4.7 SEPA Compliance											0.00			0.00	310.00	\$6,242.88	\$6,552.88	\$0.00	\$6,552.88
Subtask 4.8 City of Camas Critical Areas and Significant Tree Permit											0.00			0.00	968.25	\$6,814.46	\$7,782.71	\$0.00	\$7,782.71
Subtask 4.9 Project Planning and Coordination											0.00			0.00	3,844.95	\$1,834.56	\$5,679.51	\$0.00	\$5,679.51
Subtask 4.10: Cultural and Historic Resources											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Task 5: Design Engineering											\$0.00			\$0.00	\$11,560.00	\$50,615.53	\$62,175.53	\$0.00	\$62,175.53
Subtask 5.1: Concept / Alternatives											0.00			0.00	11,560.00	\$3,810.53	\$15,370.53	\$0.00	\$15,370.53
Subtask 5.2: 50 % Design											0.00			0.00	0.00	\$17,780.00	\$17,780.00	\$0.00	\$17,780.00
Subtask 5.3: 90% Design											0.00			0.00	0.00	\$18,080.00	\$18,080.00	\$0.00	\$18,080.00
Subtask 5.4: Final Design											0.00			0.00	\$9,550.00	\$9,550.00	\$0.00	\$9,550.00	
Subtask 5.5: QA/QC											0.00			0.00	0.00	\$1,395.00	\$1,395.00	\$0.00	\$1,395.00
Task 6: Structural Engineering											\$0.00			\$0.00	\$0.00	\$1,370.00	\$1,370.00	\$0.00	\$1,370.00
Subtask 6 Structural Engineering											0.00			0.00	0.00	\$1,370.00	\$1,370.00	\$0.00	\$1,370.00
Task 7 Utility Coordination											\$0.00			\$0.00	\$1,075.00	\$0.00	\$1,075.00	\$0.00	\$1,075.00
Subtask 7.1: Utility Coordination											0.00			0.00	1,075.00	\$0.00	\$1,075.00	\$0.00	\$1,075.00
Task 8: Right of Way											\$0.00			\$0.00	\$0.00	\$27,353.58	\$27,353.58	\$0.00	\$27,353.58
Subtask 8.1: Title Reports/PFE											0.00			0.00	0.00	\$6,964.82	\$6,964.82	\$0.00	\$6,964.82
Subtask 8.3: Appraisal and Appraisal Review											0.00			0.00	0.00	\$8,280.00	\$8,280.00	\$0.00	\$8,280.00
Subtask 8.4: Acquisition/certification											0.00			0.00	0.00	\$12,108.76	\$12,108.76	\$0.00	\$12,108.76
Task 9: Public Involvement											\$0.00			\$0.00	\$0.00	\$620.00	\$620.00	\$0.00	\$620.00
Subtask 9: Public Involvement											0.00			0.00	0.00	\$620.00	\$620.00	\$0.00	\$620.00
TASK 10: Project Management and Design Engineering											\$0.00			\$0.00	\$0.00	\$2,292.00	\$2,292.00	\$0.00	\$2,292.00
Subtask 10.1 Pre-Bid Opening											0.00			0.00	0.00	\$2,292.00	\$2,292.00	\$0.00	\$2,292.00

TASK 11: Construction Management Admin											\$5,258.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,258.00	\$5,258.00
Subtask 11.1 Contract Administration, Invoicing, and Progress Reports	10.00							4.00			1,798.00			0.00	0.00	\$0.00	\$0.00	\$1,798.00	\$1,798.00
Subtask 11.2 Preconstruction and Kickoff Meetings	4.00		4.00							60.00	1,140.00			0.00	0.00	\$0.00	\$0.00	\$1,140.00	\$1,140.00
Subtask 11.3 Project Monitoring and Reporting	2.00		4.00								770.00			0.00	0.00	\$0.00	\$0.00	\$770.00	\$770.00
Subtask 11.4 WSDOT Coordination	10.00										1,550.00			0.00	0.00	\$0.00	\$0.00	\$1,550.00	\$1,550.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
TASK 12: Construction Management & Engineering											\$13,453.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,453.00	\$13,453.00
Subtask 12.1 Prepare Record of Materials (ROM)		2.00	10.00								1,388.00			0.00	0.00	\$0.00	\$0.00	\$1,388.00	\$1,388.00
Subtask 12.2 On-site Meetings	10.00							150.00			1,700.00			0.00	0.00	\$0.00	\$0.00	\$1,700.00	\$1,700.00
Subtask 12.3 Material Submittals	4.00		20.00								2,920.00			0.00	0.00	\$0.00	\$0.00	\$2,920.00	\$2,920.00
Subtask 12.4 Construction Administration and Engineering	2.00	20.00	6.00								3,380.00			0.00	0.00	\$0.00	\$0.00	\$3,380.00	\$3,380.00
Subtask 12.5 Response to Questions (RFIs) and Change Orders	2.00		16.00								2,150.00			0.00	0.00	\$0.00	\$0.00	\$2,150.00	\$2,150.00
Subtask 12.6 Construction Staking				1.00	8.00	2.00	2.00			120.00	1,915.00			0.00	4.00	\$0.00	\$0.00	\$1,915.00	\$1,915.00
TASK 13: Construction Management Observation											\$30,160.00	4,640.00	500.00	\$5,140.00	\$0.00	\$0.00	\$0.00	\$35,300.00	\$35,300.00
Subtask 13.1 Site Visits	10.00							150.00			1,700.00			0.00	0.00	\$0.00	\$0.00	\$1,700.00	\$1,700.00
Subtask 13.2 Geotechnical Support	8.00										1,240.00	4,640.00		4,640.00	0.00	\$0.00	\$0.00	\$5,880.00	\$5,880.00
Subtask 13.3 Structural Support	4.00										620.00		500.00	500.00	0.00	\$0.00	\$0.00	\$1,120.00	\$1,120.00
Subtask 13.4: Inspection Services							320.00		1,000.00		26,600.00			0.00	0.00	\$0.00	\$0.00	\$26,600.00	\$26,600.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
TASK 14: Construction Management Closeout & As-Builts											\$4,514.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,514.00	\$4,514.00
Subtask 14.1 As-Builts	1.00	16.00	10.00								3,209.00			0.00	0.00	\$0.00	\$0.00	\$3,209.00	\$3,209.00
Subtask 14.2 Close-out Documentation	1.00		10.00								1,305.00			0.00	0.00	\$0.00	\$0.00	\$1,305.00	\$1,305.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
											0.00			0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Reimbursable Expenses											\$0.00	0.00	0.00	\$0.00	\$2,405.32	\$2,675.51	\$5,514.87	\$0.00	\$5,514.87
Copies											0.00			0.00	500.00	\$500.00	\$1,000.00	\$0.00	\$1,000.00
Expenses											0.00			0.00	500.00	\$500.00	\$1,000.00	\$0.00	\$1,000.00
Travel											0.00			0.00	500.00	\$500.00	\$1,000.00	\$0.00	\$1,000.00
															905.32	\$1,175.51	\$2,080.83	\$0.00	\$2,080.83
TOTAL HOURS	68.00	38.00	80.00	1.00	8.00	2.00	2.00	320.00	4.00										
HOURLY RATES	155.00	119.00	115.00	155.00	156.00	103.00	93.00	80.00	62.00										
TOTAL DOLLARS	\$ 10,540.00	\$ 4,522.00	\$ 9,200.00	\$ 155.00	\$ 1,248.00	\$ 206.00	\$ 186.00	\$ 25,600.00	\$ 248.00	\$ 1,480.00	\$53,385.00	\$ 4,640.00	\$ 500.00	\$ 5,140.00	\$95,483.05	\$128,130.35	\$224,047.44	\$58,525.00	\$282,572.44