



**EXHIBIT D**

**Consultant Fee Determination Summary**

2707 Colby Avenue, Suite 900, Everett, WA 98201 P 425-252-7700 F 425-339-6018

Project: SnoCo Fairgrounds Surface & WQ SIL  
 Client: Snohomish County  
 Consultant: Perteet  
 Perteet Project No. 20250047.0000  
 Date: 10/31/2025

**HOURLY COSTS**

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Director	197	\$107.10	\$21,098.70
Director	17	\$110.72	\$1,882.24
Accountant	24	\$61.95	\$1,486.80
Lead Engineer/ Manager	341	\$65.10	\$22,199.10
Lead Engineer/ Manager	244	\$65.10	\$15,884.40
Senior Engineer/ Manager	15	\$71.28	\$1,069.20
Senior Engineer/ Manager	21	\$72.35	\$1,519.35
Civil Designer II	707	\$41.25	\$29,163.75
Lead Tech/ Designer	97	\$60.51	\$5,869.47
Sr. Environmental Scientist/ Manager	68	\$69.68	\$4,738.24
Sr. Environmental Scientist/ Manager	46	\$68.00	\$3,128.00
Environmental Scientist III	36	\$42.12	\$1,516.32
Planner III	10	\$44.73	\$447.30
Planner III	20	\$59.96	\$1,199.20
Clerical	22	\$39.64	\$872.08
<b>Direct Salary Cost</b>			<b>\$112,074.15</b>
<b>ICR (Overhead Cost) 185.52%</b>			<b>\$207,919.96</b>
<b>Fixed Fee 29.00%</b>			<b>\$32,501.50</b>
<b>Labor Total</b>	<b>1865</b>		<b>\$352,495.62</b>

**REIMBURSABLES**

<u>Expenses</u>	<u>Cost</u>	<u>Markup</u>	<u>Amount</u>
BravoEnvironmental: CCTV Pipe Assessment	\$25,000.00	1.0	\$25,000
Laboratory Fees	\$20,000.00	1.0	\$20,000
Mileage	\$2,000.00	1.0	\$2,000
<b>Total Expenses</b>			<b>\$47,000</b>

**SUBCONSULTANTS**

<u>Subconsultants</u>	<u>Amount</u>
Northwest Watersheds	\$87,513.57
Maul Foster & Alongi	\$25,200.81
HWA GeoSciences	\$97,933.66
PSOMAS	\$77,508.28
Chudgar Engineering Company, Inc.	\$44,488.22
<b>Total Subconsultants</b>	<b>\$332,644.54</b>

<b>CONTRACT TOTAL</b>	<b>\$732,140.16</b>
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Rates shown reflect the typical compensation rate of employees assigned to the billing category listed. Each category may have multiple employees assigned to that billing category and each employee may have a different hourly rate of pay.

Employee compensation is subject to adjustment in June of each calendar year.



Fee Worksheet for Informational Purposes

Project:	SnoCo Fairgrounds Surface & WQ,SIL
Client:	Snohomish County
Firm:	Periteet
Role:	Prime
Project No.:	20250047.0000
PM:	Patty Buchanan
Date updated:	10/24/2025

NOTES

RATE TYPE	CPFF
Rate Year	2025
ICR (Overhead)	185.52%
Fee %	29.00%

Note to User: When using CPFF or Negotiated Hourly Rates, the Rate Year shall be that of the firm's current approved ICR

Resources:	Patricia Buchanan	Peter Battuello	Abi Swanson	Kern McGee	Steven Keith	Kurt Wiseman	Max Magee	Adam Kuehn	Donal Cales	Andrea Bachman	Adam Crispin	Timothy Smith	Jennifer Groos	Andy Yim	Miranda Boyer	Total Task Hours	Direct Salary Cost
Classification	Director	Director	Accountant	Lead Engineer/Manager	Lead Engineer/Manager	Senior Engineer/Manager	Senior Engineer/Manager	Civil Designer II	Lead Tech/Designer	Sr. Environmental Scientist/Manager	Sr. Environmental Scientist/Manager	Environmental Scientist III	Planner III	Planner III	Clerical		
Direct Salary Rate	\$107.10	\$110.72	\$61.95	\$65.10	\$65.10	\$71.28	\$72.35	\$41.25	\$60.51	\$69.68	\$68.00	\$42.12	\$44.73	\$59.96	\$39.64		
Total Hours	197	17	24	341	244	15	21	707	97	68	46	36	10	20	22	1865	
Total Labor Cost	\$21,099	\$1,882	\$1,487	\$22,199	\$15,884	\$1,069	\$1,519	\$29,164	\$5,869	\$4,738	\$3,128	\$1,516	\$447	\$1,199	\$872		\$ 112,074.15

TASK / PHASE	0001	0002	0003	0004	0005	0006	Total Task Hours	Direct Salary Cost
<b>0001 Task 1 - Project Development</b>	26	6	0	34	0	0	64	0
<b>1.1 Quality Assurance (Consultant)</b>								
Meet with Ecology project representative	2	1		2				
Preparation of the draft project QAPP	8	2		16			32	
Address comments	8	2		8			16	
Preparation of the Final project QAPP	8	1		8			16	
<b>0002 Task 2 - Project Administration and Reporting</b>	16	0	24	40	0	0	24	0
<b>2.1 Progress Reports/Payment Requests (Shared with County)</b>								
Monthly invoicing and progress report preparation	8		16	16				
<b>2.4 Water Quality Exchange and EIM Data Reporting (Consultant)</b>								
Compilation and reporting of water quality data and submission to the WQX	2			4			8	
Compilation and reporting of environmental data and submission to the EIM	2			4			8	
<b>0003 Task 3 - Data Collection</b>	17	6	0	18	34	0	152	0
<b>3.1 Geotech Explorations (Consultant/HWA)</b>								
Coordination/input for selection of locations and depth of borings and infiltration tests	1	1		1	2			
Review and comment on draft geotechnical memorandum	1	1		1	2			
<b>3.2 Water Quality Monitoring Program and Draft Summary (Consultant/Periteet)</b>								
Development of a water quality sampling and monitoring plan.	1	2		2	2		16	
Field work for quarterly water quality monitoring	2						40	
Water quality data analysis	2	1		2	2		8	
Stormwater treatment facility sizing for flow control and water quality	1			2	8		24	
Preparation of Water Quality Sampling and Analysis Report, quarterly updates and annual reporting.	2			4	4		24	
<b>3.3 Final Water Quality Monitoring Summary (Consultant/Periteet)</b>								
Review and incorporation of Ecology comments.	2	1		2	4		12	
Preparation of comment response and a comment review meeting.	1			2	2		4	
Preparation of the Final Water Quality Monitoring Program and Summary	2			2	2		12	
<b>3.4 Topographic Survey Map (Consultant/Psomas)</b>								
Coordination and review of draft basemap	1			2	2		4	
<b>3.5 Existing Stormwater Infrastructure Mapping and Condition Assessment (Consultant/Bravo)</b>								
Coordination and review of draft assessment files and documents	1			2	4		8	
<b>0004 Task 4 - Environmental Documentation</b>	1	0	0	4	4	0	0	68
<b>4.1 Permit Support (Consultant)</b>								14
<b>4.2 Critical Areas &amp; Habitat Assessment (Consultant)</b>								8
<b>4.4 Flood Risk Assessment (NWWS)</b>								20
Coordination and review of draft flood risk assessment documents	1			4	4			8
<b>0005 Task 5 - Development of Preliminary Design</b>	33	4	0	52	62	15	21	156
<b>5.1 Draft Basis of Design Memorandum (Consultant)</b>								
Develop SW standards	1			1	2			4
Develop site development and pavement standards	1			1			2	
Prepare draft basis of design report	6	1		4	8	2	2	32
<b>5.2 Final Basis of Design Memorandum (Consultant)</b>								
Address comments on BOD	1			4	4		1	4
Update standards per comments				2	4		2	4
Prepare comment response document	1			2	2		1	2
Prepare final basis of design report	4	1		4				16
<b>5.3 Alternatives Analysis Report (Consultant)</b>								
Development of alternative stream alignments	4	2		4	4	2	2	12
Development of stormwater management BMP alternatives in conjunction with the stream alternatives	1			2	4			16
Development of conveyance design to a conceptual level to support feasibility review for stream routing and	1			2	4			16
Perform a comparative analysis of the alternatives	1			2	4	2	2	4
Preparation of a summary Alternative Analysis Report that includes the process of reviewing and selecting a	4			8	16	4	4	32
<b>5.4 Channel Alternative Alignment Charette (Shared with County)</b>								
Develop the charette agenda and organize a location	1			4				4
Prepare charette materials, alternative routes figures, etc as needed to facilitate discussion and illustrate the	6			8	8	4	4	12
Prepare meeting notes to be included in the Alternative Analysis Report	1			4	2	1	1	2
<b>0006 Task 6 - Finalization of Preliminary Design</b>	24	0	0	45	92	0	0	223
<b>6.1 Draft Preliminary Design (Consultant)</b>								
Update stormwater facility sizing to a preliminary level	1			2	4			12
Update conveyance sizing to a preliminary level	1			2	4			16
<b>Preparation of Preliminary plans</b>								
- Overall plan (1 sheet)	1			1	2			6
- Stormwater plans and profiles (6 Sheets)				4	8			32
- Stormwater facility details (2 sheets)	1			2	4			16
- Stream Alignment plans and profiles (6 Sheets, by NWWS)	1			4	2			2
- Stream Cross-sections (1 sheet, by NWWS)				1	2			2
- Stream Details (1 sheet, by NWWS)				1	2			2
- Landscape/Urban Design (3 sheets, by MxM)	1			2				2
- Educational Signage Concepts (2 sheets, by MxM)	1			2				2
Preparation of conceptual level opinion of cost	1			1	4			16
Preparation of a preliminary hydraulic report	4			4	24			32



Fee Worksheet for Informational Purposes

<b>6.2 Final Preliminary Design (Consultant)</b>															
Review and address comments from Ecology and partner feedback	1				2	8				12					
Finalize stormwater facility sizing to a preliminary level	1				1	2				8					
Finalize conveyance sizing to a preliminary level					1	2				8					
<b>Preparation of Preliminary plans</b>															
- Overall plan (1 sheet)	1				1	1				2	1				
- Stormwater plans and profiles (6 Sheets)					2	6				16	8				
- Stormwater facility details (2 sheets)	1				1	2				10	4				
- Stream Alignment plans and profiles (6 Sheets, by NWWWS)					1	1				1					
- Stream Cross-sections (1 sheet, by NWWWS)					1	1				1					
- Stream Details (1 sheet, by NWWWS)					1	1				1					
- Landscape/Urban Design (3 sheets, by MxM)	1				1										
- Educational Signage Concepts (2 sheets, by MxM)	1				1										
Preparation of conceptual level opinion of cost	1				1	2				8					
Preparation of a preliminary hydraulic report	4				3	8				16	8				
Preparation of comment response document	1				2	2				4					
<b>0007 Task 7 – Partner and Public Outreach</b>	<b>32</b>	<b>1</b>	<b>0</b>	<b>94</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>7.1 Jurisdictional Partner Coordination (Shared with County)</b>															
Coordinate with the County and jurisdictional partners	1				16	8									
Prepare meeting materials: agendas and meeting notes	1				16	8									
Prepare meeting presentation materials	2				24	8									
Attend quarterly meetings (2 people attending, 1 hour virtual meetings, up to 8 meetings)	8	1			8			8							
<b>7.2 Draft Public Outreach Plan (Consultant/MFA)</b>															
Coordination and review of draft Outreach Plan	4				8										
<b>7.3 Final Public Outreach Plan (Consultant/MFA)</b>															
Coordination with County and MFA during development of outreach plan	4				8										
Attending in-person table session at Fairgrounds (x1; 2 staff)	6				6										
Support in preparation of technical materials for outreach events	4				4	4				8					
Response to stakeholder questions	2				4	8				8					
<b>0008 Task 8 – Broader Impacts and Communication</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>64</b>	<b>18</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>8.1 Communicating Impacts (Consultant)</b>															
Submission to multiple speaking opportunities, including preparation of abstracts	4														
Attendance and presentation at conferences, such as APWA, AWWA, etc.	8										8				
Preparation of presentations for conference presentations	16														2
<b>8.2 Draft Final Report (Consultant)</b>															
Compiling of all materials completed in to a final report	8				24					16					2
Preparation of supporting graphic, plans, maps, etc for final reporting.	2				16					16	12				
<b>8.3 Final Report (Consultant)</b>															
Addressing comments on Draft Final report	2				8	8				16	4				
Preparation of final report.	8				6	8				16	2				2
<b>0009 Task 9 – Water Quality Testing for 6-PPDq (optional, TBD)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

0	\$	-
0	\$	-
23	\$	1,253.10
12	\$	632.40
11	\$	525.30
0	\$	-
6	\$	380.31
32	\$	1,664.88
18	\$	956.94
3	\$	171.45
3	\$	171.45
3	\$	171.45
2	\$	172.20
2	\$	172.20
12	\$	632.40
39	\$	2,288.58
9	\$	532.50

<b>187</b>	<b>\$</b>	<b>12,990.92</b>
0	\$	-
25	\$	1,669.50
25	\$	1,669.50
34	\$	2,297.40
25	\$	1,818.32
0	\$	-
0	\$	-
12	\$	949.20
0	\$	-
12	\$	949.20
12	\$	1,033.20
20	\$	1,279.20
22	\$	1,325.40

<b>214</b>	<b>\$</b>	<b>14,208.82</b>
0	\$	-
4	\$	428.40
16	\$	1,400.80
18	\$	1,792.88
0	\$	-
0	\$	-
50	\$	3,158.48
46	\$	2,641.92
0	\$	-
38	\$	2,157.84
42	\$	2,628.50

0	\$	-
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Expenses

Expense	Cost	Markup	Total
BravoEnvironment	\$25,000	1.0	\$25,000
Laboratory Fees	\$20,000	1.0	\$20,000
Mileage	\$2,000	1.0	\$2,000
<b>Total Expenses</b>			<b>\$47,000</b>

Subconsultant Subtotal

Subconsultants Subtotal		
Name	Subtotal (L&E)	Directed Svcs
Northwest Watersheds	\$87,514	\$0
Maul Foster & Alongi	\$25,201	\$0
MxM Landscape Architecture LLC	\$53,919	\$0
HWA GeoSciences	\$97,934	\$0
PSOMAS	\$77,508	\$0
Chudgar Engineering Company, Inc.	\$44,488	\$0
<b>Subconsultants Total</b>	<b>\$386,564</b>	<b>\$0</b>

Summary

SUMMARY	
Direct Salary Cost	\$ 112,074.15
ICR (Overhead Cost)	185.52% \$ 207,919.96
Fixed Fee	29.00% \$ 32,501.50
Labor Total	\$ 352,495.62
Expenses	\$ 47,000.00
Subconsultants Total	\$ 386,563.77
<b>CONTRACT TOTAL</b>	<b>\$ 786,059.39</b>

**Exhibit { }**  
**Subconsultant Fee Determination Summary**

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Subconsultant: Northwest Watersheds  
Project: SnoCo Fairgrounds Surface & WQ SIL  
Client: Snohomish County  
Date: {Enter Date}

<b>HOURLY COSTS</b>
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<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal, QC	31	\$78.75	\$2,441.25
Principal, PM	84	\$78.75	\$6,615.00
Sr. Engineer	50	\$68.00	\$3,400.00
Engineer 3	300	\$42.00	\$12,600.00
Engineer 2	192	\$36.50	\$7,008.00
Senior Planner 2	32	\$70.00	\$2,240.00
<b>Direct Salary Cost</b>			<b>\$34,304.25</b>
<b>ICR (Overhead Cost) 126.11%</b>			<b>\$43,261.09</b>
<b>Fixed Fee 29.00%</b>			<b>\$9,948.23</b>
<b>Total Labor Costs</b>	<b>689</b>		<b>\$87,513.57</b>

<b>CONTRACT TOTAL</b>	<b>\$87,514</b>
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<b>Project:</b> SnoCo Fairgrounds Surface & WQ SIL
<b>Client:</b> Snohomish County
<b>Firm:</b> Northwest Watersheds
<b>Role:</b> Subconsultant
<b>Project No.:</b>
<b>PM:</b> Stephen Blanton
<b>Date updated:</b> 10/9/2025

<b>RATE TYPE</b>	<b>CPFF</b>
<b>Rate Year</b>	<b>2025</b>

<b>ICR (Overhead)</b>	<b>126.11%</b>
<b>Fee %</b>	<b>29.00%</b>

Resources:	M. Larkin	S. Blanton	A. Lee	A. Black	H. Blanton	K. Gifford		
<b>Classification</b>	Principal, QC	Principal, PM	Sr. Engineer	Engineer 3	Engineer 2	Senior Planner 2		
<b>Direct Salary Rate</b>	\$78.75	\$78.75	\$68.00	\$42.00	\$36.50	\$70.00		
<i>leave blank</i>								
<i>CPFF hourly billing rate (Direct *calculated)</i>	\$200.90	\$200.90	\$173.47	\$107.15	\$93.12	\$178.58		
<i>N/A</i>								
<b>Direct Salary Rate</b>	\$78.75	\$78.75	\$68.00	\$42.00	\$36.50	\$70.00		
<b>Total Hours</b>	31	84	50	300	192	32		
<b>Total Direct Salary</b>	\$2,441.25	\$6,615.00	\$3,400.00	\$12,600.00	\$7,008.00	\$2,240.00		
							<b>Total Task Hours</b>	<b>Direct Salary Cost</b>
							689	\$ 34,304.25

**TASK / PHASE**

0003	3.2 WQ Monitoring Program	1	4	0	32	0	0			
	Hydrologic Model UNT to French Creek -Existing Cond.	1	2		16				19	\$ 908.25
	Hydrologic Model UNT to French Creek -Future Cond.		2		16				18	\$ 829.50
<b>0004</b>	<b>4.4 Flood Risk Assessment</b>	<b>2</b>	<b>12</b>	<b>0</b>	<b>24</b>	<b>24</b>	<b>8</b>		<b>70</b>	<b>\$ 3,546.50</b>
	Modeling of proposed stream/floodplain interaction		8		16	16			40	\$ 1,886.00
	Reporting	2	4		8	8	8		30	\$ 1,660.50
<b>0005</b>	<b>Alternative Assessment</b>	<b>8</b>	<b>52</b>	<b>12</b>	<b>132</b>	<b>84</b>	<b>20</b>		<b>308</b>	<b>\$ 15,551.00</b>
	5.1 Draft BOD	4	8	8	48	24	8		100	\$ 4,941.00
	5.2 Final BOD		4	4	24	12	4		48	\$ 2,313.00
	5.3 Alternative Analysis Report								0	\$ -
	5.3.1 Site Invesitgation		12		12	12			36	\$ 1,887.00
	5.3.2 Hydraulic Modeling HEC-RAS "no build"		4		12				16	\$ 819.00
	5.3.3 Hydraulic Modeling HEC-RAS Alternative(s)		4		24	24			52	\$ 2,199.00
	5.3.4 Documentation	4	12		12	12	8		48	\$ 2,762.00
	5.4 Channel Alternative Design Charette		8						8	\$ 630.00
<b>0006</b>	<b>Preliminary Design</b>	<b>16</b>	<b>0</b>	<b>26</b>	<b>92</b>	<b>72</b>	<b>0</b>		<b>206</b>	<b>\$ 9,520.00</b>
	6.1 Draft Preliminary Design								0	\$ -
	6.1.1 30% Plans	8		18	80	60			166	\$ 7,404.00
	6.1.2 30 % Cost Estimate	8		8	12	12			40	\$ 2,116.00
<b>0008</b>	<b>Final Reports</b>	<b>4</b>	<b>16</b>	<b>12</b>	<b>20</b>	<b>12</b>	<b>4</b>		<b>68</b>	<b>\$ 3,949.00</b>
	8.2 Draft Final Report	4	8	8	12	12	4		48	\$ 2,711.00
	8.3 Final Report		8	4	8				20	\$ 1,238.00

**Summary**

SUMMARY		
Direct Salary Cost		\$ 34,304.25
ICR (Overhead Cost)	126.11%	\$ 43,261.09
Fixed Fee	29.00%	\$ 9,948.23
Labor Total		\$ 87,513.57
Expenses		\$ -
<b>SUBCONSULTANT TOTAL</b>		<b>\$ 87,513.57</b>

Directed Services	\$ -
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**Exhibit { }**  
**Subconsultant Fee Determination Summary**

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Subconsultant: Maul Foster & Alongi  
Project: SnoCo Fairgrounds Surface & WQ SIL  
Client: Snohomish County  
Date: {Enter Date}

<b>HOURLY COSTS</b>
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<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal In Charge	1	\$74.28	\$74.28
Senior Communications Specialist 1	32	\$62.26	\$1,992.32
Project Planner 3	40	\$52.88	\$2,115.20
Senior Graphic Designer	10	\$40.77	\$407.70
Technical Writer	5	\$49.35	\$246.75
Accountant	6	\$35.06	\$210.36
Staff Communications Specialist 1	45	\$35.25	\$1,586.25
<b>Direct Salary Cost</b>			<b>\$6,632.86</b>
<b>ICR (Overhead Cost) 237.37%</b>			<b>\$15,744.42</b>
<b>Fixed Fee 29.00%</b>			<b>\$1,923.53</b>
<b>Total Labor Costs</b>	<b>139</b>		<b>\$24,300.81</b>

<b>REIMBURSABLES</b>
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Mileage	\$300.00	1.0	\$300.00
Printing	\$600.00	1.0	\$600.00
			<b>\$900</b>

<b>CONTRACT TOTAL</b>	<b>\$25,201</b>
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Project: SnoCo Fairgrounds Surface & WQ SIL
Client: Snohomish County
Firm: Maul Foster & Alongi
Role: Subconsultant
Project No.:
PM:
Date updated:

RATE TYPE	CPFF
Rate Year	2026

ICR (Overhead)	237.37%
Fee %	29.00%

Resources:	Audrey Hackett	Nicholas Mirra	Sarah Parker	Sam Humphreys	Sean Henderson	Jessica Letteney	Naomi Davis	Jack Donahue	Claire Hornacek		
Classification	Principal In Charge	Senior Communications Specialist 1	Project Planner 3	Staff Planner 2	Senior Graphic Designer	Technical Writer	Accountant	Staff Communications Specialist 1	Staff Communications Specialist 2		
Direct Salary Rate	\$74.28	\$62.26	\$52.88	\$38.46	\$40.77	\$49.35	\$35.06	\$35.25	\$36.73		
<i>leave blank</i>											
CPFF hourly billing rate (Direct *calculated)	\$272.14	\$228.10	\$193.74	\$140.91	\$149.37	\$180.80	\$128.45	\$129.15	\$134.57		
N/A	\$272.14	\$7,299.26	\$7,749.46	\$0.00	\$1,493.69	\$904.02	\$770.70	\$5,811.54	\$0.00		
Direct Salary Rate	\$74.28	\$62.26	\$52.88	\$38.46	\$40.77	\$49.35	\$35.06	\$35.25	\$36.73		
Total Hours	1	32	40	0	10	5	6	45	0		
Total Direct Salary	\$74.28	\$1,992.32	\$2,115.20	\$0.00	\$407.70	\$246.75	\$210.36	\$1,586.25	\$0.00		
										Total Task Hours	139
										Direct Salary Cost	\$ 6,632.86

TASK / PHASE													
7.1 Jurisdictional Partner Coordination -1x slide deck development and 1x updates for use in briefings -Includes PM time (project duration: 24 months) -Includes 15 project team meetings (30 min; 1 person) -Includes internal MFA team coordination												52	\$ 2,635.38
7.2 Draft public outreach plan -One round of review with Perteet -One round of review with Snohomish County/Ecology -Will include key messages and themes for use in implementing elements of the plan												14	\$ 777.84
7.3 Final public outreach plan [items below are expected parts of implementing outreach plan] -Assuming 1 outreach round total -Creating survey (x1) -Creating project fact sheet (x1) -Drafting text for SnoCo email updates (x3) -Draft text for SnoCo project website (x1 with 1 update) -In-person tabling session at Fairgrounds (x1; 2 staff) -Coordination w/Perteet and SnoCo to respond to stakeholder questions (0.5 hrs/month) -Summaries and analysis of outreach for SnoCo use in Task 7.4 and 7.5												73	\$ 3,219.64

Expenses and Totals

Expenses			
Expense	Cost	Markup	Total
Mileage	\$300	1.0	\$300
Printing	\$600	1.0	\$600
<b>Total Expenses</b>			<b>\$900</b>

Summary

SUMMARY		
Direct Salary Cost		\$ 6,632.86
ICR (Overhead Cost)	237.37%	\$ 15,744.42
Fixed Fee	29.00%	\$ 1,923.53
<b>Labor Total</b>		<b>\$ 24,300.81</b>
Expenses		\$ 900.00
<b>SUBCONSULTANT TOTAL</b>		<b>\$ 25,200.81</b>

Directed Services	\$ -
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**Exhibit { }**  
**Subconsultant Fee Determination Summary**

Subconsultant: HWA GeoSciences  
 Project: SnoCo Fairgrounds Surface & WQ SIL  
 Client: Snohomish County  
 Date: {Enter Date}

<b>HOURLY COSTS</b>
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<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Geotechnical Engineer VII	34	\$98.00	\$3,332.00
Geotechnical Engineer V	154	\$75.00	\$11,550.00
Geotechnical Engineer II	136	\$43.00	\$5,848.00
CAD	12	\$36.00	\$432.00
Contracts Administrator	15	\$53.00	\$795.00
Hydrogeologist V	12	\$60.00	\$720.00
<b>Direct Salary Cost</b>			<b>\$22,677.00</b>
<b>ICR (Overhead Cost) 179.28%</b>			<b>\$40,655.33</b>
<b>Fixed Fee 29.00%</b>			<b>\$6,576.33</b>
<b>Total Labor Costs</b>	<b>363</b>		<b>\$69,908.66</b>

<b>REIMBURSABLES</b>
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Mileage	\$500.00	1.0	\$500.00
Drilling Supplies	\$250.00	1.0	\$250.00
Groundwater level indicator	\$150.00	1.0	\$150.00
Geotech lab testing	\$5,000.00	1.0	\$5,000.00
groundwater transducer rental	\$3,250.00	1.0	\$3,250.00
Technical editor	\$1,000.00	1.0	\$1,000.00
Drilling subcontractor	\$25,000.00	1.0	\$17,000.00
Private Locator	\$500.00	1.0	\$500.00
GPS unit	\$375.00	1.0	\$375.00
			<b>\$28,025</b>

<b>CONTRACT TOTAL</b>	<b>\$97,934</b>
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<b>Project:</b> SnoCo Fairgrounds Surface & WQ SIL
<b>Client:</b> Snohomish County
<b>Firm:</b> HWA GeoSciences
<b>Role:</b> Subconsultant
<b>Project No.:</b> 2025-177-21
<b>PM:</b> Shane Miller
<b>Date updated:</b> 10/12/2025

<b>RATE TYPE</b>	<b>CPFF</b>
<b>Rate Year</b>	<b>2025</b>
<b>ICR (Overhead)</b>	<b>179.28%</b>
<b>Fee %</b>	<b>29.00%</b>

Resources:	Sandy Brodahl	Shane Miller	Shelby Cutter	Seth Pemble	Greg Krankurs	Cathy Fry	Anna Ataman	Vasiliy Babko	Michael Bagley
<b>Classification</b>	Geotechnical Engineer VII	Geotechnical Engineer V	Geotechnical Engineer II	Geologist V	Geologist V	CAD	Administrative Support	Contracts Administrator	Hydrogeologist V
<b>Direct Salary Rate</b>	\$98.00	\$75.00	\$43.00	\$54.00	\$54.00	\$36.00	\$38.00	\$53.00	\$60.00
<i>leave blank</i>									
<i>CPFF hourly billing rate (Direct *calculated)</i>	\$302.11	\$231.21	\$132.56	\$166.47	\$166.47	\$110.98	\$117.15	\$163.39	\$184.97
<i>N/A</i>									
<b>Direct Salary Rate</b>	\$98.00	\$75.00	\$43.00	\$54.00	\$54.00	\$36.00	\$38.00	\$53.00	\$60.00
<b>Total Hours</b>	34	154	136	0	0	12	0	15	12
<b>Total Direct Salary</b>	\$3,332.00	\$11,550.00	\$5,848.00	\$0.00	\$0.00	\$432.00	\$0.00	\$795.00	\$720.00

Total Task Hours	Direct Salary Cost
363	\$ 22,677.00

**TASK / PHASE**

0003	3.1 Geotechnical Exploration	34	154	136	0	0	12	0	15	12	363	\$ 22,677.00
	<b>Geotechnical Explorations</b>										0	\$ -
	Task Setup		1						1		2	\$ 128.00
	Collect and Review Available Geotechnical Data	1	2	4							7	\$ 420.00
	Perform Geotechnical Site Reconnaissance		6	6							12	\$ 708.00
	Utility Locates			6							6	\$ 258.00
	Plan Geotechnical Engineering Field Exploration Program	1	4	8							13	\$ 742.00
	Field Exploration Coordination	1	4	8							13	\$ 742.00
	Generate Geotechnical Subsurface Exploration Plan	1	4	12							17	\$ 914.00
	Develop Health and Safety Plan									8	8	\$ 480.00
	Conduct Geotechnical Explorations	2	10	30							42	\$ 2,236.00
	Conduct Groundwater Monitoring		2	6							8	\$ 408.00
											0	\$ -
	<b>Draft Geotechnical Memorandum and BOD Section</b>										0	\$ -
	Task Setup		1						1		2	\$ 128.00
	Generate Borings Logs and Assign Laboratory Testing	2	5	10							17	\$ 1,001.00
	Evaluate Field and Laboratory Data		4	4							8	\$ 472.00
	Generate AASHTO Seismic Design Parameters										0	\$ -
	Conduct Preliminary Liquefaction Analysis										0	\$ -
	Liquefaction Induced Settlement										0	\$ -
	Evaluate Stormwater Infiltration Feasibility		4	10						2	16	\$ 850.00
	HWA QA/QC	8	16							2	26	\$ 2,104.00
	Prepare Draft Geotechnical Memorandum and BOD Section	4	16	16			8				44	\$ 2,568.00
											0	\$ -
	<b>Final Geotechnical Memorandum and BOD Section</b>										0	\$ -
	Task Setup		1						1		2	\$ 128.00
	Respond to Review Comments		4	8							12	\$ 644.00
	Miscellaneous Geotechnical Support	8	16								24	\$ 1,984.00
	Prepare Final Geotechnical Memorandum and BOD Section	4	12	8			4				28	\$ 1,780.00
	Invoice Generation and Processing		12						12		24	\$ 1,536.00
	Team Design Meetings	2	10								12	\$ 946.00
	Geotechnical Task Management		20								20	\$ 1,500.00

**Expenses and Totals**

Expenses			
Expense	Cost	Markup	Total
Mileage	\$500	1.0	\$500
Drilling Supplies	\$250	1.0	\$250
Groundwater level indicat	\$150	1.0	\$150

Geotech lab testing	\$5,000	1.0	\$5,000
groundwater transducer r	\$3,250	1.0	\$3,250
Technical editor	\$1,000	1.0	\$1,000
Drilling subcontractor	\$25,000	1.0	\$17,000
Private Locator	\$500	1.0	\$500
GPS unit	\$375	1.0	\$375
<b>Total Expenses</b>			<b>\$28,025</b>

**Summary**

SUMMARY		
Direct Salary Cost		\$ 22,677.00
ICR (Overhead Cost)	179.28%	\$ 40,655.33
Fixed Fee	29.00%	\$ 6,576.33
Labor Total		\$ 69,908.66
Expenses		\$ 28,025.00
<b>SUBCONSULTANT TOTAL</b>		<b>\$ 97,933.66</b>

Directed Services	\$ -
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**Exhibit { }**  
**Subconsultant Fee Determination Summary**

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Subconsultant: PSOMAS  
Project: SnoCo Fairgrounds Surface & WQ SIL  
Client: Snohomish County  
Date: {Enter Date}

<b>HOURLY COSTS</b>
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<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Sr Project Mgr Survey	16	\$91.76	\$1,468.16
Project Surveyor II	24	\$62.30	\$1,495.20
Field Surveyor III	172	\$53.56	\$9,212.32
Field Surveyor II	24	\$47.00	\$1,128.00
Field Surveyor I	172	\$36.00	\$6,192.00
Surveyor III	112	\$51.75	\$5,796.00
Office Admin	2	\$33.00	\$66.00
<b>Direct Salary Cost</b>			<b>\$25,357.68</b>
<b>ICR (Overhead Cost) 176.66%</b>			<b>\$44,796.88</b>
<b>Fixed Fee 29.00%</b>			<b>\$7,353.73</b>
<b>Total Labor Costs</b>	<b>522</b>		<b>\$77,508.28</b>

<b>CONTRACT TOTAL</b>	<b>\$77,508</b>
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<b>Project:</b> SnoCo Fairgrounds Surface & WQ SIL
<b>Client:</b> Snohomish County
<b>Firm:</b> PSOMAS
<b>Role:</b> Subconsultant
<b>Project No.:</b>
<b>PM:</b> Mike Bowen
<b>Date updated:</b>

<b>RATE TYPE</b>	<b>CPFF</b>
<b>Rate Year</b>	<b>2024</b>
<b>ICR (Overhead)</b>	<b>176.66%</b>
<b>Fee %</b>	<b>29.00%</b>

Resources:	Sr Project Mgr Survey	Project Surveyor II	Field Surveyor III	Field Surveyor II	Field Surveyor I	Surveyor III	Office Admin	Geospatial Sr. PM	Geospatial PM II	Geospatial Technician II	Geospatial Technician I
<b>Classification</b>											
<b>Direct Salary Rate</b>	\$91.76	\$62.30	\$53.56	\$47.00	\$36.00	\$51.75	\$33.00	\$81.44	\$49.50	\$52.42	\$37.50
<i>leave blank</i>											
<b>CPFF hourly billing rate (Direct *calculated)</b>	\$280.47	\$190.43	\$163.71	\$143.66	\$110.04	\$158.18	\$100.87	\$248.93	\$151.30	\$160.23	\$114.62
<i>N/A</i>											
<b>Direct Salary Rate</b>	\$91.76	\$62.30	\$53.56	\$47.00	\$36.00	\$51.75	\$33.00	\$81.44	\$49.50	\$52.42	\$37.50
<b>Total Hours</b>	16	24	172	24	172	112	2	0	0	0	0
<b>Total Direct Salary</b>	\$1,468.16	\$1,495.20	\$9,212.32	\$1,128.00	\$6,192.00	\$5,796.00	\$66.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>Total Task Hours</b>	<b>Direct Salary Cost</b>
522	\$ 25,357.68

**TASK / PHASE**

0003	Topographic Survey	16	24	172	24	172	112	2	0	0	0	0
	3.4.1 Project Management	8						2				
	3.4.2 Survey Control			16		16						
	3.4.3 Topographic Map Storm Structure & Critical Area Bndry's		8	156	24	156						
	3.4.4 Base Map Preparation		8				88					
	3.4.5 Convert 2016 Aerial to Current CADD Standards	8	8				24					

522	\$ 25,357.68
10	\$ 800.08
32	\$ 1,432.96
344	\$ 15,597.76
96	\$ 5,052.40
40	\$ 2,474.48

**Summary**

<b>SUMMARY</b>	
Direct Salary Cost	\$ 25,357.68
ICR (Overhead Co 176.66%	\$ 44,796.88
Fixed Fee 29.00%	\$ 7,353.73
Labor Total	\$ 77,508.28
Expenses	\$ -
<b>SUBCONSULTANT</b>	<b>\$ 77,508.28</b>
<b>Directed Services</b>	<b>\$ -</b>

**Exhibit { }**  
**Subconsultant Fee Determination Summary**

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Subconsultant: Chudgar Engineering Company, Inc.

Project: SnoCo Fairgrounds Surface & WQ SIL

Client: Snohomish County

Date: {Enter Date}

<b>HOURLY COSTS</b>
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<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Lead Structural Engineer	32	\$157.68	\$5,045.76
Project Manager	56	\$59.43	\$3,328.08
Senior Structural Design Engineer	80	\$57.18	\$4,574.40
Structural Design Engineer	48	\$42.51	\$2,040.48
Design Technician	20	\$39.67	\$793.40
<b>Direct Salary Cost</b>			<b>\$15,782.12</b>
<b>ICR (Overhead Cost) 152.89%</b>			<b>\$24,129.28</b>
<b>Fixed Fee 29.00%</b>			<b>\$4,576.81</b>
<b>Total Labor Costs</b>	<b>236</b>		<b>\$44,488.22</b>

<b>CONTRACT TOTAL</b>	<b>\$44,488</b>
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<b>Project:</b> SnoCo Fairgrounds Surface & WQ SIL
<b>Client:</b> Snohomish County
<b>Firm:</b> Chudgar Engineering Company, Inc.
<b>Role:</b> Subconsultant
<b>Project No.:</b>
<b>PM:</b>
<b>Date updated:</b> 10/13/2025

<b>RATE TYPE</b>	<b>CPFF</b>
<b>Rate Year</b>	<b>2025</b>

<b>ICR (Overhead)</b>	<b>152.89%</b>
<b>Fee %</b>	<b>29.00%</b>

Resources:	Samir Chudgar	Dan Fredrickson	Mona Karimzadeh	Phayrithy Sreng	Ali Koohpayeh	Tammy Yared Debella		
<b>Classification</b>	Lead Structural Engineer	Senior Structural Engineer	Project Manager	Senior Structural Design Engineer	Structural Design Engineer	Design Technician		
<b>Direct Salary Rate</b>	\$157.68	\$73.53	\$59.43	\$57.18	\$42.51	\$39.67		
<i>leave blank</i>								
<i>CPFF hourly billing rate (Direct *calculated)</i>	\$444.48	\$207.27	\$167.53	\$161.18	\$119.83	\$111.83		
<i>N/A</i>								
<b>Direct Salary Rate</b>	\$157.68	\$73.53	\$59.43	\$57.18	\$42.51	\$39.67		
<b>Total Hours</b>	32	0	56	80	48	20	<b>Total Task Hours</b>	<b>Direct Salary Cost</b>
<b>Total Direct Salary</b>	\$5,045.76	\$0.00	\$3,328.08	\$4,574.40	\$2,040.48	\$793.40	236	\$ 15,782.12

TASK / PHASE									
	5.1 Draft Basis of Design Memorandum	12		16	16	8		52	\$ 4,098.00
	5.3 Alternatives Analysis Report	20		40	64	40	20	184	\$ 11,684.12

**Summary**

SUMMARY		
Direct Salary Cost		\$ 15,782.12
ICR (Overhead Cost)	152.89%	\$ 24,129.28
Fixed Fee	29.00%	\$ 4,576.81
Labor Total		\$ 44,488.22
Expenses		\$ -
<b>SUBCONSULTANT TOTAL</b>		<b>\$ 44,488.22</b>

Directed Services	\$ -
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