

V. RATES AND FEE SCHEDULE

V. Rates and Fee Schedule

Estimated costs for this work are shown in Tables 1 and 2 and are based on the assumptions included in prior sections. Tables 1A to 1F summarize costs in the format required in the Ecology's proposal request. Tables 2a and 2b provide detailed cost backup for Hart Crowser and subcontractors.

Section V - Rates and Fee Schedule

Table 1A - Hart Cower's Salary Rates and Total Cost per General Job Titles

Consultant Job Title Category	Name of Hart Crowser's Employee	Rate per Hour	Estimated Number of Hours	Total Direct Salary Cost
Principal Geochemist/Review	Mike Ehlebracht	\$76.87	27	\$ 2,037.06
Principal			0	\$ -
Scientist/Engineer	Jamalyn Green	\$38.23	17	\$ 649.91
Field Staff	Coire McCabe	\$28.10	0	\$ -
Engineer/PM	Marissa Goodman	\$34.48	87	\$ 2,982.52
Field Staff	Keylin Huddleston	\$26.50	44	\$ 1,166.00
Administrative	Kit Malmfeldt	\$27.91	12	\$ 334.92
Drafter/GIS/EIM	Eric Lindquist	\$30.51	16	\$ 488.16
Administrative	Art Huber	\$28.88	16	\$ 447.64
Total Hart Crowser Hours			218	
Total Cost (without currently approved Indirect)				\$ 8,106.21
Burdened Labor (Indirect Rate = 199%)				\$ 16,131.35
Profit (Fixed Fee Rate = 10%)				\$ 810.62
Total Estimated Cost (with currently approved Indirect)				\$ 25,048.17

Table 1B - Key Subcontractor's Hourly Rates (Inclusive of Direct and Overhead/Fringe) Plus Markup per General Job Titles

Consultant Job Title Category	Name of Key Subcontractor's Employee	Rate per Hour	Estimated Number of Hours	Total Direct Salary Cost
Principal				\$ -
Project Manager				\$ -
Professional (Geologist, Hydrogeologist, Scientist, other)				\$ -
Field Engineer				\$ -
Drafting (CAD), Mapping (GIS/EIM)				\$ -
Laboratory Technician				\$ -
Administrative				\$ -
Total Subcontractor Hours			0	
Total Cost (without Markup)				0
Subcontractor Markup (5%)				
Total Estimated Cost (with Markup)				0

Section V - Rates and Fee Schedule

Table 1C - Laboratory Fee Estimation - OnSite Environmental Prices

Brief Analysis Description	Sample Type (Water/Soil/Solid/Waste)	Sample Analysis Cost	Estimated Number of Samples	Turnaround time	Estimated Total
1 GRO/BTEX by NWTPH-Gx/8021	Soil	\$ 75.00	30	Standard	\$ 2,250.00
2 GRO/BTEX by NWTPH-Gx/8021	Water	\$ 75.00		Standard	\$ -
3 DRO by NWTPH-Dx	Soil	\$ 75.00	30	Standard	\$ 2,250.00
4 DRO by NWTPH-Dx	Water	\$ 75.00	4	Standard	\$ 300.00
5 Lead by EPA Method 6020B	Soil	\$ 20.00		Standard	\$ -
6 Lead by EPA Method 6020B	Water	\$ 20.00		Standard	\$ -
7 GRO/BTEX/MTBE/EDB/EDC by 8260	Soil	\$ 120.00		Standard	\$ -
8 GRO/BTEX/MTBE/EDB/EDC by 8260	Water	\$ 120.00	4	Standard	\$ 480.00
9 cPAHs by 8170 SIM	Soil	\$ 190.00		Standard	\$ -
10 cPAHs by 8170 SIM	Water	\$ 190.00		Standard	\$ -
11 PCBs by 8082A	Soil	\$ 90.00		Standard	\$ -
12 PCBs by 8082A	Water	\$ 90.00		Standard	\$ -
13 VOCs by 8260	Soil	\$ 170.00		Standard	\$ -
14 VOCs by 8260	Water	\$ 170.00		Standard	\$ -
Total Estimated Cost (without Markup)					\$ 5,280.00
Subcontractor Markup (5%)					\$ 264.00
Total Estimated Cost (with Markup)					\$ 5,544.00

Table 1D - Hart Crowser's Other Direct Cost Estimation

Description	Estimated Total
Travel fees including but not limited to	
1 mileage, lodging, meals and rental car	\$ 294.64
2 Consultant's Owned equipment rental	\$ 1,495.61
3 Purchased equipment rental	\$
Private utility locate with sub markup (5%) -	
4 LineScape of Washington, LLC	\$ 362.25
Drilling subcontractor with sub markup	
5 (5%) - ESN Northwest	\$ 7,208.25
Land survey services with sub markup (5%)	
6 - Bush Roed & Hitchings, Inc.	\$ 3,570.00
Waste disposal services with sub markup	
7 (5%) - Stericycle	\$ 1,031.34
Project specific materials/supplies outside of what is covered with combined indirect	
8 rate (Consultant to be more descriptive)	\$ 400.00
Other (Consultant to describe and add more	
9 rows as necessary)	\$
Total Estimated Cost for ODCs	\$ 14,362.09

Table 1E - Key Subcontractor's Other Direct Cost Estimation

Description	Estimated Total
Travel fees including but not limited to	
1 mileage, lodging, meals and rental car	\$
2 Consultant's Owned equipment rental	\$
3 Purchased equipment rental	\$
4 Utility locate	\$
Project specific materials/supplies outside of what is covered with combined indirect	
5 rate (Consultant to be more descriptive)	\$
Other (Consultant to describe and add more	
6 rows as necessary)	\$
Total Estimated Cost for ODCs (without Markup)	0
Add the Consultant's Subcontractor Markup (%) that was provided in awarded contract in cell D63	
Total Estimated Cost for ODCs (with Markup)	0

Table 1F - Total Cost Evaluation Table (Adding Tables 1A-1E)

Description	Total from Tables (1A-1E)
Consultant's Direct Hourly Rates per	
1 General Job Title (Table A) Total Cost	\$ 24,237.55
Subcontractor's Hourly Rates (inclusive of direct and total indirect) per General Job	
2 Title (Table B) Total Cost	\$ -
Laboratory Fee Estimation Total Cost	
3 (Table C)	\$ 5,544.00
Total for Consultant's Other Direct Costs	
4 (ODCs) from Table D	\$ 14,362.09
Total for Subcontractor's Other Direct	
5 Costs (ODCs) from Table E	\$ -
Total Estimated Cost for Task Work Assignment (without Fixed Fee)	\$ 44,144
Add the Consultant (Hart Crowser) Fixed Fee Rate (Profit Margin applied to total 1 above) provided in the awarded contract	\$ 811
Total Estimated Cost for Task Work Assignment (with Fixed Fee)	\$ 44,954

Added in for Hart Crowser labor only

Total Points Available for Cost Estimate = 35

Table 2A – Hart Crowser’s Cost Breakdown

Department of Ecology – Phase II Proposal	Labor Hours									Total hours per task	Direct Labor	Burdened Labor (Indirect Rate =	Profit (Fixed Fee Rate = 10%)	Total Labor Costs	Other Direct Costs (ODC)				Task Subtotal
	Principal (Ehlebracht)	Principal	Scientist/Engineer (Green)	Scientist/Engineer (Goodman)	Field Staff (McCabe)	Field Staff (Huddleston)	Administrative (Malmfeldt)	Drafter/ GIS (Lindquist)	Administrative (Huber)						Subcontract (Table 2)	Sub Markup	Other (Table 2)	Total ODC	
2018 Master Contract Labor Rates	\$76.87		\$38.23	\$34.48	\$28.10	\$26.50	\$27.91	\$30.51	\$28.88		--	199%	10%	--					
Task 1 – Project Management (Overall: 1/1/19 – 6/30/19, 26 weeks)																			
Monthly Tracking of Project Schedule and Budget	3			3							\$334	\$665	\$33.41	\$1,032	\$0	\$0	\$0	\$0	\$1,032
Routine Communication and Correspondence with Ecology	1.5			3							\$219	\$435	\$21.87	\$676	\$0	\$0	\$0	\$0	\$676
Meetings (weekly 30 min phone call, 2 in person meetings--kickoff and draft report discussion)	6			19		3					\$1,196	\$2,380	\$119.58	\$3,695	\$0	\$0	\$37	\$37	\$3,732
Monthly Progress Reports and Invoicing	1.5			3					6		\$392	\$780	\$39.20	\$1,211	\$0	\$0	\$0	\$0	\$1,211
Draft tech meeting notes (kickoff mtg and report discussion)	1			2					1		\$175	\$348	\$17.47	\$540	\$0	\$0	\$0	\$0	\$540
Final tech meeting notes (site visit mtg and 1 in person mtg discussing report)	1			1					1		\$140	\$279	\$14.02	\$433	\$0	\$0	\$0	\$0	\$433
Subtotal Hours and Costs	14	0	0	31	0	3	0	0	8	56	\$2,456	\$4,887	\$246	\$7,588	\$0	\$0	\$37	\$37	\$7,625
Task 2 – Development of Site-Specific Work Plans (Overall: 1/1/19 – 6/30/19, 26 weeks)																			
File Review (Ecology site files provided by Ecology, county files records, historical aerial photos)				4							\$138	\$274	\$14	\$426	\$0	\$0	\$0	\$0	\$426
Site visit with Ecology staff (1 site visit, 1 hour visit, 1 hour prep, 1 hour travel)	0.5		3								\$153	\$305	\$15	\$473	\$0	\$0	\$43	\$43	\$516
Draft SAP/QAPP for 10 soil borings, 3 will be completed as monitoring wells (30 soil samples, 4 groundwater samples)	1		2	14				2	1		\$726	\$1,445	\$73	\$2,243	\$0	\$0	\$238	\$238	\$2,481
Finalizing SAP/QAPP	0.5		2					0.5	0.5		\$145	\$288	\$14	\$447	\$0	\$0	\$210	\$210	\$656
HASP development	0.5			2				0.5	0.5		\$137	\$273	\$14	\$424	\$0	\$0	\$10	\$10	\$433
Subtotal Hours and Costs	3	0	7	20	0	0	0	3	2	35	\$1,299	\$2,584	\$130	\$4,013	\$0	\$0	\$500	\$500	\$4,513
Task 3 – Site Characterization Field Work (Overall: 1/1/19 – 6/30/19, 26 weeks)																			
Mark locations, observe utility locates, One Call											\$292	\$580	\$29	\$901	\$345	\$17	\$276	\$638	\$1,539
Subcontract agreements	2.5			2.5					2.5		\$351	\$698	\$35	\$1,083	\$0	\$0	\$0	\$0	\$1,083
Observe drilling, well installs and development (includes logging, sample collection and field screening, sample dropoff at lab, surveying, and chemical analysis)	2			2		30					\$1,018	\$2,025	\$102	\$3,145	\$15,545	\$777	\$930	\$17,253	\$20,397
IDW manifest and disposal	1			1							\$111	\$222	\$11	\$344	\$982	\$49	\$0	\$1,031	\$1,375
EIM							8	1			\$254	\$505	\$25	\$784	\$0	\$0	\$19	\$19	\$803
Subtotal Hours and Costs	6	0	0	6	0	41	8	1	3	64	\$2,025	\$4,030	\$202	\$6,257	\$16,872	\$844	\$1,225	\$18,941	\$25,198
Task 4 – Site Characterization Data Evaluation and Report Preparation (Overall: 1/1/19 – 6/30/19, 26 weeks)																			
Draft Site Characterization Report (per proposal request)	3		6	30			4	10	2		\$1,969	\$3,918	\$197	\$6,084	\$0	\$0	\$390	\$390	\$6,474
Final Site Characterization Report	1.5		4					2	1		\$358	\$713	\$36	\$1,107	\$0	\$0	\$38	\$38	\$1,145
Subtotal Hours and Costs	5	0	10	30	0	0	4	12	3	64	\$2,327	\$4,631	\$233	\$7,190	\$0	\$0	\$428	\$428	\$7,618
Total Hours and Costs	27	0	17	87	0	44	12	16	16	218	\$8,106	\$16,131	\$811	\$25,048	\$16,872	\$844	\$2,190	\$19,906	\$44,954



Table 2B - Hart Crowser's Direct Cost Breakdown - Other Direct Costs and Subcontract Items

	Unit	Unit Rate	Quantity	Total	
Task 1 – Project Management (Overall: 1/1/19 – 6/30/19, 26 weeks)					
Office Direct Costs					
Mileage (2 team meetings at NWRO)	mile	\$0.58	64	\$37.12	
				Other ODC Subtotal	\$37.12
				Task 1 Total	\$37.12
Task 2 – Development of Site-Specific Work Plans (Overall: 1/1/19 – 6/30/19, 26 weeks)					
Other Direct Costs					
Mileage (1 site visit)	mile	\$0.58	74	\$42.92	
Report Production	ea	\$200	2	\$400.00	
Drafting Computer	hr	\$19	3	\$57.00	
				Other ODC Subtotal	\$499.92
				Task 2 Total	\$499.92
Task 3 – Site Characterization Field Work (Overall: 1/1/19 – 6/30/19, 26 weeks)					
Subcontract Items (without markup)					
Driller - ESN	LS	\$6,865	1	\$6,865.00	
Surveyor - BRH	LS	\$3,400	1	\$3,400.00	
Private Utility Locate - LineScape	LS	\$345	1	\$345.00	
Laboratory Fees - OnSite Environmental	LS	\$5,280	1	\$5,280.00	
Waste Disposal - Stericycle	LS	\$982	1	\$982.23	
				Subcontract Subtotal	\$16,872.23
Other Direct Costs					
Field Vehicle	day	\$95.00	5	\$475.00	
Mileage (1 mark boring, 1 utility locate, 2 day drilling/developing, 1 day gw sampling)	mile	\$0.58	370	\$214.60	
Soil Boring investigation kit + PID	day	\$86.00	2	\$172.00	
Well development + decon kits	day	\$85.00	1	\$85.00	
MW sampling	day	\$259.61	1	\$259.61	
Drafting computer	hr	\$19.00	1	\$19.00	
				Other ODC Subtotal	\$1,225.21
				Task 3 Total	\$18,097.44
Task 4 – Site Characterization Data Evaluation and Report Preparation (Overall: 1/1/19 – 6/30/19, 26 weeks)					
Other Direct Costs					
Report Production	LS	\$200	1	\$200.00	
Drafting Computer	hr	\$19	12	\$228.00	
				Other ODC Subtotal	\$428.00
				Task 4 Total	\$428.00
Total Direct Costs All Tasks \$19,062.48					

Optional