SVE System Operation and Maintenance Costs - October 2017 to May 2018

AutoStop and Doug's Tire Combined System O&M Ladysmith, Wisconsin Meridian Nos. 05F630/786

Tasks:

- monthly site visits (system maintenance/air sampling)
 measure water levels in MW-100, MW-700, MW-800, MW-5 twice per month (beginning December)
- measure LNAPL/water levels in SVE vents twice (Dec, March)
- project management/data evaluation Progress report (due April 1 2018) April mtg in Ladysmith (PG & PE)

Task		#Units	Cost/Unit	Cost	Subtotal:	3/8	5/8	Check
Monthly Site Maintenance/Sampling								
Per Trip								
Prep/deprep		1	\$91.39	\$91.39				
sample/maint/water levels (2x per month)		6	\$91.39	\$548.34				
travel to/from (2 trips)		6	\$91.39	\$548.34				
mileage (2 trips)		300	\$0.53	\$159.00				
Interface Probe/water level meter		1	\$40.00	\$40.00				
Dispose Sump Water (U&C WD10)		0	\$42.11	\$0.00				
			Subtotal:	\$1,387.07				
		8 mo	nthly trips + 1	contingency	\$12,483.63	\$4,681.36	\$7,802.27	\$12,483.63
Miscellaneous Materials (PVC piping, valve repair, mind	or syste	m compo	nents, etc.)	\$250.00	\$250.00	\$93.75	\$156.25	\$250.00
Electricity (estimate \$300/month (varies seasonally))	month	8	\$300.00	\$2,400.00	\$2,400.00	\$900.00	\$1,500.00	\$2,400.00
Cell phone alarm system		1	\$240.00	\$240.00	\$240.00	\$90.00	\$150.00	\$240.00
Air Sampling (2x per month beginning January - total 1:	3)							
Benzene (U&C A1)	sample		\$44.94	\$0.00				
GRO (U&C A3)	sample		\$46.10	\$0.00				
air pump rental (variance)	sample	13	\$60.00	\$780.00				
					\$780.00	\$292.50	\$487.50	\$780.00
Data Evaluation (Engineer)(5 hrs per month)								
Engineer	hr	40	\$109.67	\$4,386.80	\$4,386.80	\$1,645.05	\$2,741.75	\$4,386.80
Project Mgmt (4 hrs per month)								
PM	hr	32	\$109.67	\$3,509.44	\$3,509.44	\$1,316.04	\$2,193.40	\$3,509.44
Progress Report (PG/PE)	hr	20	\$109.67	\$2,193.40	\$2,193.40	\$822.53	\$1,370.88	\$2,193.40
April Meeting (PG & PE)	mtg	0	\$349.23	\$0.00	\$0.00			
				Total:	\$26,243.27	\$9,841.23	\$16,402.04	\$26,243.27

U&C

					\$2,600.64	\$975.24	\$1,625.40	\$2,600.64
Change Order	each	1	\$381.78	\$381.78				
Air Sample - GRO (A3)	sample	13	\$46.10	\$599.30				
Air Sample - Benzene (A1)	sample	13	\$44.94	\$584.22				
Mtg	person	2	\$349.23	\$698.46				
Waste Disposal (WD10)	drum	8	\$42.11	\$336.88				

Grand Total \$28,843.91 \$10,816.47 \$18,027.44 \$28,843.91