
From: Dave Larsen <dlarsen@reiengineering.com>
Sent: Monday, October 02, 2017 10:44 AM
To: Stoltz, Carrie R - DNR
Subject: Soil Gas Sampling @ Lou John - Amery
Attachments: 6190 Soil Gas.pdf; REI(amery-lou john).doc

Carrie, cost estimate approval request for 4 soil gas samples along west side of building (30 min sample), 1 indoor air sample in basement (24 hour sample) and abandonment of wells from former Amery Amoco investigation (MW4, MW5, MW8, MW9, MW17, MW18 and MW19). REI will also need an overnight to allow the indoor air sample to be picked up the following day. Please let me know if you have any questions or concerns.




Thank you,
David N. Larsen P.G
Hydrogeologist / Professional Geologist



David N. Larsen, P.G.
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Usual and Customary Standardized Invoice #22

July 2017 - December 2017



RR-083A

PECFA #: 54001-1026-00
 BRRT's #: 03-49-514936
 Site Name: Lou John Appraisal
 Site Address: 300 N. Keller Ave, Amery, WI

Vendor Name: REI
 Invoice #: _____
 Invoice Date: 10-2-17 Proposal Date
 Check #: _____

U&C Total \$ 1,246.49
 Variance to U&C Total \$ 5,900.59
 Grand Total \$ 7,147.08

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$ 162.86	1	\$ 162.86
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$ 2.52	99	\$ 249.48
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$ 10.82	4	\$ 43.28
8	Well Abandonment	Consultant	WAB25	Portland Cement (94lb bag)	Bag	\$ 8.19	1	\$ 8.19
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 113.72	1	\$ 113.72
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob	Site	\$ 287.18	1	\$ 287.18
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78
Variance	Soil Gas Sampling				Variance	\$5,900.59	1	\$ 5,900.59

Variance Request
Lou John Appraisal
Soil Gas Sampling
10-2-17 Proposal Date

Unit Costs are based on present values on above listed date

Cat #	Description	Units	Quantity	Unit Cost	Event	Events	Total Cost	Subtotal
Commodity Costs								
Laboratory								
	Summa Cannister - TO15	ea	5	\$247.00	\$1,235.00	1	\$1,235.00	
Geoprobe								
	Mobilization	lump	1	\$975.00	\$975.00	1	\$975.00	
	Soil Gas Probes	each	4	\$150.00	\$600.00	1	\$600.00	
Total Commodity								\$2,810.00
Field Time								
	Job prep and coordination	hr	3	\$91.39	\$274.17	1	\$274.17	
	Travel Time	hr	6	\$75.00	\$450.00	1	\$450.00	
	Mileage	mile	340	\$0.58	\$197.20	1	\$197.20	
	Soil Gas Sampling	hr	6	\$91.39	\$548.34	1	\$548.34	
	Deploy 24 hr summa can	hr	1	\$91.39	\$91.39	1	\$91.39	
	Recover Summa can after 24 hours	hr	1	\$91.39	\$91.39	1	\$91.39	
Total Field Time								\$1,652.49
Documentation and Reporting								
	Data Interpretation	hr	3	\$109.67	\$329.01	1	\$329.01	
	CAD Technician	hr	1	\$67.02	\$67.02	1	\$67.02	
	Administrative	hr	2	\$46.53	\$93.06	1	\$93.06	
	Project Management	hr	3	\$109.67	\$329.01	1	\$329.01	
Total Documentation and Reporting								\$818.10
Supplies and Equipment								
	Soil Gas Sampling Kit	day	1	\$145.00	\$145.00	1	\$145.00	
	Helium shroud with helium	ea	1	\$25.00	\$25.00	1	\$25.00	
	Helium Meter	day	1	\$100.00	\$100.00	1	\$100.00	
	Field screening meters for O2, CO, CO2, LEL and methane	day	1	\$350.00	\$350.00	1	\$350.00	
Total Supplies								\$620.00
Total								\$5,900.59

Geiss Soil & Samples, LLC.

Geoprobe™ Services

GEOPROBE PROPOSAL

October 17, 2017

Firm: REI

Project Name: Lou John

Contact Person: Dave Larsen

Project Location: Amery, WI

Phone Number: 715-675-9784

Fax Number: 715-675-4060

Job Description: 4 Soil Gas Probes to 8ft

DESCRIPTION	QTY	UNIT PRICE	ESTIMATED COST
Mobilization / Travel	1	975.00	975.00
Number of Probes			
Samples			
Water		35.00/ea	
Soil		7.00/ft	
Soil Gas Probes Includes: install/tubing/abandon	4	150.00/ea	600.00
Hole Abandonment		1.00/ft	
Temporary Well Installation		6.50/ft	
2" Flushmount Covers		45.00/ea	
Concrete Coring/Patching		20.00/ea	
Asphalt Patches		10.00/ea	
Abandonment Forms		5.00/ea	
Total Estimated Cost:			\$1,575.00

Prices may vary dependent upon actual work performed on site

Responsibilities of Client:

- Provide on site directions for all sampling.
- Provide reasonable access to sampling location.
- Clear all underground utilities within the sampling areas.
- Prepare and provide all sample containers for off-site sample analysis.
- Prepare WDNR forms as required.

This proposal is subject to the 'Standard Terms & Conditions' of our contract

Authorized Geiss, LLC. Signature

Authorized Client Signature

Your signature on this proposal authorizes the performance of this work.

IF THE SCOPE OF WORK CHANGES MORE THAN 30% THERE WILL BE A CHANGE ORDER ISSUED.

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