

Carrie R - DNR

From: Dave Larsen <dlarsen@reiengineering.com>
Sent: Wednesday, March 28, 2018 2:07 PM
To: Stoltz, Carrie R - DNR
Subject: Thomas Service Excavation SOW - revised
Attachments: 7644 Thomas Service Excavation and Sample.pdf

Carrie, attached is a scope of work request including a soil excavation (900 tons), abandonment of MW4, replacement of MW4 after excavation and 4 rounds of groundwater sampling with reports after the excavation and the 4th groundwater sampler event.

Specifically:

REI will mobilize to the site to abandon MW4 and complete the 900 ton proposed soil excavation. REI is not aware of any encumbrances to the completion of the excavation and concrete disposal (if encountered) is not included in the estimate. The excavation will require an estimated 3 days to complete. REI will need to be onsite prior to contractor arrival to set up proper WISDOT signage in compliance with the Lane Closure System (LCS) and also remove signage at the end of the day. Anticipating 20 soil samples (PVOC/N). Report to follow after excavation. MW4R to be installed after excavation. REI will also complete 4 rounds of post excavation groundwater sampling (PVOC/N) and second report submitted after 4th sampling event.

Variance Scope (Excavation)

Consulting charges are separated into both Management and Field Time categories.

Management time includes the following:

- soil disposal profiling and approval at licensed landfill
- prepare proposed remedial option to WDNR PM and bid soil excavation to multiple contractors and landfills
- Discussions with WISDOT, submittal of Lane Closure System (LCS) which is WISDOT online database notification of intent to have work zone and trucks parked along State Highway 77. Will also require proper signage and potentially flagging.
- PM and admin time specific to managing subcontractor agreements, subcontractor insurance documents, W-9, managing invoices, promissory notes and keeping contractors informed of PECFA reimbursement schedules.

Field Time:

- Assuming 3 days to complete (12 hr days). REI needs to be onsite prior to contractor arrival to set up signage for work zone.
- Lodging for this site should be located within 15 minutes of work site.

Please let me know if you have any questions or concerns.

Thank you,

David N. Larsen P.G.

Senior Hydrogeologist / Professional Geologist



David N. Larsen, P.G.
Senior Hydrogeologist
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MW 1, 2, 3, 4, 5, 6, 7, 8 (8x4) = 32

Usual and Customary Standardized Invoice #23

January 2018- July 2018



PECFA #: 54550-9999-00
 BRRTS #: 03-26-000788
 Site Name: Thomas Service Station
 Site Address: 51 Wisconsin Avenue, Gile

Vendor Name: REI
 Invoice #: _____
 Invoice Date: 3/28/18 Proposal Date
 Check #: _____

U&C Total \$ 14,922.30
 Variance to U&C Total \$ 70,024.20
 Grand Total \$ 84,946.50

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$ 72.45	32	\$ 2,318.40
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 628.11	4	\$ 2,512.44
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 137.13	5	\$ 685.65
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 42.11	5	\$ 210.55
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 108.15	1	\$ 108.15
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 287.70	5	\$ 1,438.50
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,039.29	2	\$ 2,078.58
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$ 162.86	1	\$ 162.86
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$ 2.52	10	\$ 25.20
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$ 10.82	1	\$ 10.82
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$ 110.15	1	\$ 110.15
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25	Consultant Oversight	Ft	\$ 1.58	12	\$ 18.96
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR30	Primary Mob/Demob	Site	\$ 505.16	1	\$ 505.16
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$ 11.97	12	\$ 143.64
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 3.89	12	\$ 46.68
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 16.70	12	\$ 200.40
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 147.63	1	\$ 147.63
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$ 963.38	1	\$ 963.38
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$ 202.65	1	\$ 202.65
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 55.13	6	\$ 330.78
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 113.72	3	\$ 341.16

** Dave forgot pad lock for new MW*

MW-4 (8') New MW-4R (10') → all others same

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule		52 \$	1,691.60
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 Excavation				Variance	\$70,024.20	1 \$	70,024.20

Usual and Customary Standardized Invoice #23

January 2018- July 2018



RR-092A

TOTAL LAB CHARGES	\$ 1,691.60	TASK 33	52	\$1,691.60	TASK 24	0	\$	-
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MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 30.35	32	\$ 971.20			
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 36.02	20	\$ 720.40	\$ 36.02		\$ -

Variance Request
Thomas Service Station
Soil Excavation
3/28/18 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 Charges								
	Excavation Contractor (SGS)							
Total Commodity Charges								\$63,510.00
Consulting Charges								
	Soil Disposal Profiling	hr	6	\$109.67	\$658.02	1	\$658.02	
	Prepare remedial options and discuss with WDNR PM and bid 900 ton soil excavation	hr	4	\$109.67	\$438.68	1	\$438.68	
	WISDOT Traffic control determination / LCS Permit	hr	4	\$109.67	\$438.68	1	\$438.68	
	Project Management	hr	6	\$109.67	\$658.02	1	\$658.02	
	Administrative	hr	4	\$42.65	\$170.60	1	\$170.60	
Total Consulting Management Charges								\$1,535.38
Field Time								
Estimated 3 days to complete (per winning bid provider)								
	Job Prep	hr	2	\$91.39	\$182.78	1	\$182.78	
	Field Time	hr	36	\$91.39	\$3,290.04	1	\$3,290.04	
	Truck	day	3	\$75.00	\$225.00	1	\$225.00	
	Travel Time	hr	6.5	\$75.00	\$487.50	1	\$487.50	
	Mileage	mi	300	\$0.545	\$163.50	1	\$163.50	
Total Consulting Field Charges								\$4,348.82 ✓
Equipment								
	PID	day	3	\$100.00	\$300.00	1	\$300.00	
	Scale	day	3	\$35.00	\$105.00	1	\$105.00	
	Signage	day	3	\$75.00	\$225.00	1	\$225.00	
Total Equipment Charges								\$630.00 ✓
Total								\$70,024.20

2364.00
 9/4/2/18
 Dave OK
 w/ change
 CS

70,852.82

Variance Request
Thomas Service Station
Soil Excavation
3/28/18 Proposal Date

Krueger Steinfest

	Units	Quantity	Unit Cost	Event	Events	Total Cost
Mob	ton	1	\$10,000.00	\$10,000.00	1	\$10,000.00
Excavate	ton	900	\$12.00	\$10,800.00	1	\$10,800.00
Haul	ton	900	\$35.75	\$32,175.00	1	\$32,175.00
Backfill	ton	900	\$12.60	\$11,340.00	1	\$11,340.00
Disposal	ton	900	\$16.50	\$14,850.00	1	\$14,850.00
Gravel/compact	ton	900	\$5.64	\$5,076.00	1	\$5,076.00

\$84,241.00

SGS

	Units	Quantity	Unit Cost	Event	Events	Total Cost
Mob	ton	1	\$2,985.00	\$2,985.00	1	\$2,985.00
Excavate	ton	900	\$5.00	\$4,500.00	1	\$4,500.00
Haul	ton	900	\$34.00	\$30,600.00	1	\$30,600.00
Backfill	ton	900	\$9.00	\$8,100.00	1	\$8,100.00
Disposal	ton	900	\$18.25	\$16,425.00	1	\$16,425.00
Gravel	ton	60	\$15.00	\$900.00	1	\$900.00

\$63,510.00

DKS

	Units	Quantity	Unit Cost	Event	Events	Total Cost
Mob	ton	1	\$4,000.00	\$4,000.00	1	\$4,000.00
Excavate	ton	900	\$5.00	\$4,500.00	1	\$4,500.00
Haul	ton	900	\$31.00	\$27,900.00	1	\$27,900.00
Backfill	ton	800	\$9.00	\$7,200.00	1	\$7,200.00
Disposal	ton	900	\$19.00	\$17,100.00	1	\$17,100.00
Compact	ton	900	\$4.00	\$3,600.00	1	\$3,600.00
Gravel	ton	100	\$13.00	\$1,300.00	1	\$1,300.00

\$65,600.00

~~Nine-Mile Tavern
W10590 State Highway 70
Park Falls, WI~~

Montreal

Former Thomas Service Station

~~Nine Mile Tavern~~
Excavation of Former UST Area

Hauled to Weyerhaeuser

Description	Quantity	Units	Per Unit	Total
Mobilization	1	Lump sum	\$10,000.00	\$10,000.00
Excavation and loading	178	Yards	\$12.00	\$2,136.00
Transportation to landfill	249	Yards	\$35.75	\$8,801.25
Placement and compaction of backfill	178	Yards	\$564.00	\$100,392.00
Clean backfill brought to site and compacted	178	Yards	\$12.60	\$2,252.40
Disposal at landfill	988	Tons	\$11.50	\$11,358.00

TOTAL \$84,241.00

Notes:

- Surface of excavation areas to be finished with gravel for parking area
- Large rock and cobble should be expected to be encountered which will not need to be hauled to landfill
- Final payment to contractor will be based on landfill disposal tonnage total
- Excavation area expected to a depth of up to twelve (12) feet below land surface
- Contractor responsible for determining landfill and disposal pricing
- Contractor responsible for securing site during project

Contractor Name _____

Signature: _____

Mark John Krueger

Date: _____

3-28-18

KRUEGER & STIENFEST, INC.
P.O. BOX 159, E. FOREST AVE.
ANTIGO, WI 54409



SGS

Environmental Contracting, LLC.

N2570 Daytona Drive, Merrill, WI 54452

715-539-2803 ~ Fax: 715-539-2661

jay@sgs-env.com

PROPOSED TO	DATE: March 28, 2018
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Remedial Engineering, Inc.
 4080 N. 20th Ave.
 Wausau, WI 54401
 Attention: Dave Larsen

Phone: 715-675-9784
 Fax: 715-675-4060
 Email: dlarsen@reiengineering.com

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Former Thomas Service
 51 Wisconsin Ave.
 Montreal, WI

Cost estimate to excavate, transport, and dispose of approximately 900 tons of impacted soil to the WM-Timberland Trail Landfill in Weyerhaeuser. Backfill with sand, finish with gravel.

DESCRIPTION	QTY	UNITS	PER UNIT	TOTAL
Mobilization	1	Lump sum	2,985.00	2,985.00
Excavation & loading of impacted soil	900	Tons	5.00	4,500.00
Transportation to WM-Timberline	900	Tons	34.00	30,600.00
Disposal	900	Tons	18.25	16,425.00
Backfill	900	Tons	9.00	8,100.00
Finish with gravel	60	Tons	15.00	900.00

TOTAL	\$ 63,510.00
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Jay A. Schlueter – Owner / Manager	
Authorized SGS Signature	Purchaser's Signature
** Document becomes a contract when signed by purchaser. If this quote is accepted, please return 1 signed copy to this office.	TERMS: PAYMENTS DUE UPON COMPLETION

Montreal, with Thomas Service - 900 ton

Mobilization	1	4000 -	4000 -
Excavate	900	5	4500 -
Haul	900	31	27900 -
Dispose	900	19	17,100 -
Fill	800	9	7200 -
Rock	100	13	1300 -
Backfill / Compact	900	4	3600 -

65,600 -

DKS

2920 Wilson St

Montreal, QC H3T 5T7

Mike [Signature] 3 2318