

Usual and Customary Standardized Invoice #23

January 2018- July 2018



RR-092a

PECFA #: 54830-9999-97
 BRRTS #: 03-16-000301
 Site Name: Moose Junction Lounge
 Site Address: 13195 S Hwy 35, Dairyland

Vendor Name: REI
 Invoice #: _____
 Invoice Date: Proposal Date 5-14-18
 Check #: _____

U&C Total \$ 16,308.46
 Variance to U&C Total \$ 113,248.37
 Grand Total \$ 129,556.83

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	48	\$ 3,477.60
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	1	\$ 1,039.29
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$ 110.15	1	\$ 110.15
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.40	15	\$ 81.00
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$ 593.04	1	\$ 593.04
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$ 16.70	15	\$ 250.50
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 3.89	15	\$ 58.35
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 16.70	15	\$ 250.50
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		MDT15	Stickup Well Cover	Each	\$ 163.91	1	\$ 163.91
15	Misc. Drilling Activities & Supplies		MDT20	Bumper Guard Posts	Each	\$ 69.30	2	\$ 138.60
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 55.13	6	\$ 330.78
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 7.98	1	\$ 7.98
21	Access Agreements		AA05	Access Agreements	Property	\$ 401.94	2	\$ 803.88
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule		72	\$ 2,554.80
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78
Variance	Soil Excavation				Variance	\$17,302.16	1	\$ 17,302.16
Variance	Carbon Injection				Variance	\$95,946.21	1	\$ 95,946.21

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TOTAL LAB CHARGES \$ 2,554.80 TASK 33 72 \$2,554.80 TASK 24 0 \$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	\$ 44.94		\$ -			
AIR	A2	BETX	SAMPLE	\$ 49.46		\$ -			
AIR	A3	GRO	SAMPLE	\$ 46.10		\$ -			
AIR	A4	VOC's	SAMPLE	\$ 71.93		\$ -			
WATER	W1	GRO/PVOC	SAMPLE	\$ 29.19		\$ -			
WATER	W2	PVOC	SAMPLE	\$ 26.99		\$ -			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 43.79		\$ -			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 30.35	44	\$ 1,335.40			
WATER	W5	VOC	SAMPLE	\$ 71.93		\$ -			
WATER	W6	PAH	SAMPLE	\$ 72.98		\$ -			
WATER	W7	Lead	SAMPLE	\$ 12.39		\$ -			
WATER	W8	Cadmium	SAMPLE	\$ 13.55		\$ -			
WATER	W9	Hardness	SAMPLE	\$ 12.39		\$ -			
WATER	W10	BOD, Total	SAMPLE	\$ 23.63		\$ -			
WATER	W11	Nitrate	SAMPLE	\$ 11.24		\$ -			
WATER	W12	Total Kjeldahl	SAMPLE	\$ 20.27		\$ -			
WATER	W13	Ammonia	SAMPLE	\$ 16.91		\$ -			
WATER	W14	Sulfate	SAMPLE	\$ 10.19		\$ -			
WATER	W15	Iron	SAMPLE	\$ 10.19		\$ -			
WATER	W16	Manganese	SAMPLE	\$ 10.19		\$ -			
WATER	W17	Alkalinity	SAMPLE	\$ 10.19		\$ -			
WATER	W18	methane	SAMPLE	\$ 46.10		\$ -			
WATER	W19	Phosphorous	SAMPLE	\$ 18.06		\$ -			
WATER	W20	VOC Method 524.2	SAMPLE	\$ 176.30	4	\$ 705.20			
WATER	W21	EDB Method 504	SAMPLE	\$ 95.45		\$ -			
SOILS	S1	GRO	SAMPLE	\$ 24.78		\$ -	\$ 24.78		\$ -
SOILS	S2	DRO	SAMPLE	\$ 30.35		\$ -	\$ 30.35		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.14		\$ -	\$ 28.14		\$ -
SOILS	S4	PVOC	SAMPLE	\$ 25.83		\$ -	\$ 25.83		\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 49.46		\$ -	\$ 49.46		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 36.02	12	\$ 432.24	\$ 36.02		\$ -
SOILS	S7	VOC	SAMPLE	\$ 71.93		\$ -	\$ 71.93		\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$ 50.61		\$ -	\$ 50.61		\$ -
SOILS	S9	PAH	SAMPLE	\$ 72.98		\$ -	\$ 72.98		\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.39		\$ -	\$ 12.39		\$ -
SOILS	S11	Cadmium	SAMPLE	\$ 14.60		\$ -			
SOILS	S12	Free Liquid	SAMPLE	\$ 11.24		\$ -			
SOILS	S13	Flash Point	SAMPLE	\$ 25.83		\$ -			
SOILS	S14	Grain Size - dry	SAMPLE	\$ 42.74		\$ -			
SOILS	S15	Grain Size - wet	SAMPLE	\$ 57.33		\$ -			
SOILS	S16	Bulk Density	SAMPLE	\$ 13.55		\$ -			
							TASK 24 TOTAL \$ -		

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
SOILS	S17	Permeability	SAMPLE	\$ 41.58		\$ -			
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$ 20.27		\$ -			
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$ 16.91		\$ -			
SOILS	S20	% Organic Matter	SAMPLE	\$ 29.19		\$ -			
SOILS	S21	TOC as NPOC	SAMPLE	\$ 57.33		\$ -			
SOILS	S22	Soil Moisture Content	SAMPLE	\$ 6.83	12	\$ 81.96			
SOILS	S23	Air Filled Porosity	SAMPLE	\$ 25.83		\$ -			
SOILS	S24	% Total Solids	SAMPLE	\$ 6.83		\$ -			
SOILS	S25	Field Capacity	SAMPLE	\$ 28.14		\$ -			
SOILS	S26	TCLP Lead	SAMPLE	\$ 83.16		\$ -			
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$ 26.99		\$ -			
SOILS	S28	TCLP Cadmium	SAMPLE	\$ 83.16		\$ -			
SOILS	S29	TCLP Benzene	SAMPLE	\$ 83.16		\$ -			
		Viscosity + Density							
LNAPL	LFPS01	Interfacial tension I (LNAPL/water [dyne/cm])	SAMPLE	\$ 561.33		\$ -			
		Interfacial tension II (LNAPL/air [dyne/cm])							
		Interfacial tension III (water/air) [dyne/cm])							
TASK 33 TOTAL						\$ 2,554.80			

**Table 1
Variance Request
Moose Junction Lounge
Soil Excavation
Proposal Date 5-14-18**

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)						\$11,170.00	
	Highway 35 resurfacing may be an issue and delay project							
Total Commodity Charges								\$11,170.00
Consulting Charges								
	Soil Disposal Profiling	hr	6	\$109.67	\$658.02	1	\$658.02	
	Project Management	hr	6	\$109.67	\$658.02	1	\$658.02	
	Administrative	hr	4	\$42.65	\$170.60	1	\$170.60	
	Town Road Access Restriction	hr	4	\$109.67	\$438.68	1	\$438.68	
Total Commodity Charges								\$1,925.32
Estimated 1 day to complete (per winning bid provider)								
	Excavation Oversight	hr	12	\$91.39	\$1,096.68	1	\$1,096.68	
Total Commodity Charges								\$1,096.68
Equipment								
	PID	day	1	\$100.00	\$100.00	1	\$100.00	
	Signage	day	1	\$75.00	\$75.00	1	\$75.00	
	Scale	day	1	\$35.00	\$35.00	1	\$35.00	
Total Equipment Charges								\$210.00
Documentation Report								
	Administrative	hr	4	\$42.65	\$170.60	1	\$170.60	
	Reporting	hr	20	\$109.67	\$2,193.40	1	\$2,193.40	
	CAD Technician	hr	8	\$67.02	\$536.16	1	\$536.16	
Total Documentation Reporting Charges								\$2,900.16
Total								\$17,302.16



SGS

Environmental Contracting, LLC.

N2570 Daytona Drive, Merrill, WI 54452

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

jay@sgs-env.com

PROPOSED TO		DATE: May 1, 2018		
Remedial Engineering, Inc. 4080 N. 20 th Ave. Wausau, WI 54401 Attention: Dave Larsen Phone: 715-675-9784 Fax: 715-675-4060 Email: dlarsen@reiengineering.com		L O C A T I O N	Moose Junction Lodge 13195 Hwy 35 South Danbury, WI	
Cost estimate to excavate, transport, and dispose of 100 tons of impacted soil from 2 excavations to the Vonco / Veit Landfill in Duluth. One area requires hand shoveling to expose a high voltage power line. Backfill with sand, finish with gravel, topsoil, seed & mulch.				
DESCRIPTION	QTY	UNITS	PER UNIT	TOTAL
Mobilization	1	Lump sum	3,975.00	3,975.00
Excavation & loading of impacted soil	100	Tons	6.00	600.00
Labor for exposing power line	1	Lump Sum	350.00	350.00
Transportation to Vonco / Veit, Duluth	100	Tons	16.50	1,650.00
Disposal	100	Tons	32.50	3,250.00
Backfill - Sand	70	Tons	9.50	665.00
Gravel	20	Tons	16.50	330.00
Topsoil, seed and mulch	1	Lump Sum	350.00	350.00
TOTAL				\$ 11,170.00
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		

Table 2
Moose Junction Lounge
CBI Quote
Proposal Date 5-14-18

Commodity Services

CBI Contractor (Quote Attached)	lump	1	\$51,100.00	\$51,100.00
Geoprobe Contractor (Quote Attached)	lump	1	\$11,480.00	\$11,480.00
Private Utility Locate	lump	1	\$550.00	\$550.00
Waste Disposal	lump	1	\$150.00	\$150.00
			Sub Total	\$63,280.00

Design

Subcontractor Design and Coordination (REI)	hr	30	\$109.67	\$3,290.10
			Sub Total	\$3,290.10

Injection Oversight

Project Management	hr	5	\$109.67	\$548.35
Administrative	hr	2	\$42.65	\$85.30
Injection Permit Preparation	hr	8	\$109.67	\$877.36
Job Prep	hr	12	\$79.20	\$950.40
Field Time - Injection (Sr Level)	hr	60	\$109.67	\$6,580.20
Field Time - Injection (Jr Level)	hr	60	\$79.20	\$4,752.00
Travel (REI x 2)	hr	38	\$75.00	\$2,850.00
Mileage Diesel Truck	mi	1500	\$0.770	\$1,155.00
Field Truck	day	12	\$75.00	\$900.00
Per diem per person (2 man)	day	12	\$113.72	\$1,364.64
			Sub Total	\$20,063.25

WISDOT Signage/Permitting

WISDOT Traffic control determination / LCS Permit	hr	4	\$109.67	\$438.68
Douglas County Lane Closure Permit	hr	2.5	\$109.67	\$274.18
Signage	day	6	\$75.00	\$450.00
Setup and take down signage	day	6	\$100.00	\$600.00
			Sub Total	\$1,762.86

Supplies and Equipment

Skidsteer/Forklift	day	6	\$250.00	\$1,500.00
480v, 100 kVA Diesel Generator	day	6	\$625.00	\$3,750.00
Diesel Fuel	gallon		tbd - at cost	
Delivery / Pickup	each	2	\$450.00	\$900.00
Portable dual phase vacuum system	lump	1	\$500.00	\$500.00
1500 gallon poly tank and pump	day	6	\$150.00	\$900.00
			Sub Total	\$7,550.00

Total \$95,946.21

REI Travel Breakdown:

Diesel truck #1 to pull trailer with of carbon, poly tanks and misc
Diesel truck #2 to pull generator

Round trip to site from REI office	430	miles	
Round trip to motel (Solon Springs)	21	miles	30 minutes



GESTRA Engineering, Inc.
 191 W. Edgerton Avenue
 Milwaukee, WI 53205
 Phone: (414)-933-7444
 Fax: (414) 933-7844

Break Down of Contract Drilling

Project:	Moose Junction Carbon Injection	
Proposal Number:	P18193-60	
Site Location:	Moose Junction, WI	
Date:	4/27/2018	
Client:	REI Engineering	Attn: Dave Larsen P.G.
Estimated By:	TRW	

Estimate Based on the Request for Proposal

	Units	Unit Price	Quantity	Total Cost	Assumptions
Mobilization/Demobilization	Lump Sum	\$1,500.00	2	\$3,000.00	Track mounted 7822 DT
Daily Probe Services 0-30'	Day	\$1,250.00	6	\$7,500.00	Blind probe to 30'. Fee based on 10 on site hours. Additional Hours will be charged at \$150.00 Hr. Fee's based on a 1 person crew, assistance to be provided by REI Engineering.
	Lineal Foot	\$10.50	0	\$0.00	
Temp Well Installation	Lineal Foot	\$8.50	0	\$0.00	
Filter Sand & Bentonite Seal	Lineal Foot	\$5.00	0	\$0.00	
Protective Covers	Each	\$85.00	0	\$0.00	5 Inch flush covers. Does not include coring of pavement.
Boring Abandonment	Lineal Foot	\$1.50	0	\$0.00	
Pavement Penetration /Patch	Each	\$15.00	0	\$0.00	
Decontamination	Daily	\$125.00	0	\$0.00	Assumed Pressure washing to be completed at the end of each day.
D.O.T. Drum	Each	\$65.00	0	\$0.00	Removal of injectant to be easily removed with hot pressure washing
Per Diem	Each	\$150.00	6	\$900.00	
Coordination	Hourly	\$80.00	1.0	\$80.00	GESTRA to call in a diggers hotline ticket. Client responsible for clearing all private utilities in the work areas.
Total Estimated Project Cost				\$11,480.00	

Additional Services

	Units	Unit Rate	Quantity	Total Est.	Assumptions
Total					
Project Total					

This quotation is an estimate and is not a lump sum. GESTRA reserves the right to charge for services as performed according to the attached fee schedule.

Quotation Prepared By:
 Timothy R. Winkler, Drilling Manager

 Print Name and Position

Quotation Accepted By:

 Print Name and Position