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Engineers • Consultants • Inspectors

August 31, 2016

Mr. Mike Schmoller
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53959

Re: Bid Deferral Request-Closure
Ward's Corner Garage
Hillpoint, Wisconsin 53937
BRRTS No.: 03-57-001693
PECFA No. 53937-9717-09

Dear Mr. Schmoller,

In accordance with our phone conversation during the August of 2016, General Engineering Company (GEC) is submitting this bid deferral request to complete the closure request and well abandonment activities for the above-mentioned site.

The Wisconsin Department of Natural Resources (WDNR) was notified of contamination from a former LUST system on the property on October 5, 1992. The project remained idle for several years and was recently moved forward by the Sauk County Highway Department. A Work Plan was subsequently submitted to the WDNR by GEC, dated January 6, 2016. Five soil probes were advanced to depths of 16 to 27 feet utilizing a truck-mounted geoprobng unit. Soil samples collected from GP-1 indicated the presence of highly affected soils near the former dispenser island. In addition, affected soils were observed near the location of the former tank system during prior test pits performed by GEC on the property. During the probing, the samples collected from beyond the former tank area to the north, east, and west; and beyond the former dispenser to the south did not contain petroleum compounds to depth of at least 16 feet.

Due to the presence of known highly impacted soils near the former tank/dispenser area and the area being accessible to excavation, GEC is requested additional funds in a variance request, dated April 15, 2016, which was approved by the WDNR. Approximately 867 tons of petroleum affected soils were removed and properly disposed at Madison Prairie Landfill. The remedial activities were summarized within a Remedial Excavation Report, dated August 16, 2016. Upon review of the report, Mr. Schmoller requested submittal of a closure request and that the depth to groundwater at the subject property be evaluated as part of the closure request. The estimated cost complete the closure request, GIS package, the well abandonment, and preparation of this bid deferral request is \$4,782.98.. The most recent Usual and Customary Standardized Invoice (#20), utilized to estimate costs, is included as an attachment to this correspondence. Please do not hesitate to contact me with any questions.

Portage

Black River Falls

La Crosse

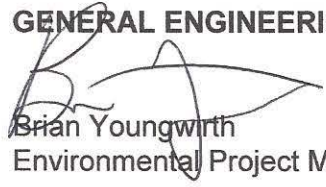


Consulting Engineering • Structural Engineering • Building Design • Environmental Services • Building Inspection • GIS Services
Grant Procurement & Administration • Land Surveying • Zoning Administration • Mechanical, Electrical, & Plumbing Services



Respectfully submitted,

GENERAL ENGINEERING COMPANY

A handwritten signature in black ink, appearing to read "Brian Youngwirth", is written over the printed name. The signature is fluid and cursive, with a large initial "B" and "Y".

Brian Youngwirth
Environmental Project Manager

c: Mr. Steven Muchow-Sauk County Highway Commissioner

Usual and Customary Standardized Invoice #20

July 2016 - December 2016



RR-061A

PECFA #: 53937-9717-09 Vendor Name: _____
 BRRT's #: 03-57-001693 Invoice #: _____
 Site Name: Ward's Corner Garage Invoice Date: _____
 Site Address: E3309 State Hwy 154, Hillpoint, WI Check #: _____

U&C Total \$ 4,782.98
 Variance to U&C Total \$ -
 Grand Total \$ 4,782.98

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	\$ -	
1	GW Sampling		GS10	Incremental Sample Collection (natural attenuation)	Well	\$ 47.67	\$ -	
1	GW Sampling		GS15	Incremental Sample Collection (cadmium & lead)	Well	\$ 26.25	\$ -	
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	\$ 14.70	\$ -	
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 628.11	\$ -	
1	GW Sampling		GS30	Temporary Well Abandonment	Well	\$ 26.99	1 \$ 26.99	
2	O & M Reporting		OMR05	Annual GW Monitoring (Form 4400-194)	Report	\$ 823.73	\$ -	
2	O & M Reporting		OMR10	Annual GW Monitoring (Form 4400-194) with LNAPL Removal per RR-628	Report	\$ 1,040.45	\$ -	
3	LNAPL Assessment & Removal		LAR05	Removal Activity (Limited to 12 per site)	Well	\$ 47.67	\$ -	
3	LNAPL Assessment & Removal		LAR06	LNAPL Sample Collection (1 per site)	Site	\$ 20.58	\$ -	
3	LNAPL Assessment & Removal		LAR10	Primary Mob/Demob	Site	\$ 518.07	\$ -	
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 137.13	\$ -	
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 42.11	\$ -	
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 108.15	\$ -	
4	Waste Disposal	Commodity	WD17	Landfill Environmental Fee (provide documentation)	ACTUAL COST			
4	Waste Disposal	Commodity	WD20	Free Product	Drum	\$ 118.76	\$ -	
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 287.70	\$ -	
5	Closure Request		CR05	Primary Closure Request	Submittal	\$ 2,700.00	\$ -	
5	Closure Request		CR10	Closure Request with LNAPL Reporting (incremental to CR05)	Submittal	\$ 1,151.75	\$ -	
5	Closure Request		CR15	GIS Packet Submittal (For Source Property only)	Packet	\$ 507.36	1 \$ 507.36	
5	Closure Request		CR20	GIS Packet Submittal (For off-site Properties only)	Per Additional Property	\$ 222.71	\$ -	
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,039.29	\$ -	

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
7	Regulatory Correspondence		RC05	Regulatory Correspondence	Letter/Status Update	\$ 128.94	\$ -	
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$ 162.86	1 \$	162.86
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$ 2.52	\$ -	
8	Well Abandonment	Consultant	WAB15	Water column > 30 ft (requires pumping [s. NR 141.25 (2) (d)])	Ft	\$ 8.82	\$ -	
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$ 10.82	1 \$	10.82
8	Well Abandonment	Consultant	WAB25	Portland Cement (94lb bag)	Bag	\$ 8.19	\$ -	
8	Well Abandonment	Consultant	WAB30	Primary Mob/Demob	Site	\$ 362.25	1 \$	362.25
8	Well Abandonment	Commodity	WAB35	Well Abandonment Mob/Demob	Site	\$ 412.55	\$ -	
8	Well Abandonment	Commodity	WAB40	Well Abandonment (2 inch)	Ft	\$ 5.57	\$ -	
8	Well Abandonment	Commodity	WAB45	Well Abandonment (4 inch)	Ft	\$ 6.51	\$ -	
8	Well Abandonment	Commodity	WAB50	Well Abandonment (6 inch)	Ft	\$ 7.98	\$ -	
9	Investigation Workplan Preparation		IWP05	Investigation Workplan Preparation	Report	\$ 1,451.63	\$ -	
10	Initial Site Survey	Consultant	IS05	Coordination of Initial Site Survey (features + well elevations)	Survey	\$ 117.18	\$ -	
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$ 110.15	\$ -	
10	Initial Site Survey	Commodity	IS15	Initial Survey	Survey	\$ 1,171.70	\$ -	
11	Potable Well Field Reconnaissance		PWFR05	Potable Well Field Reconnaissance	Site	\$ 583.50	\$ -	
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 5.36	\$ -	
12	Direct Push	Consultant	DP10	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 5.99	\$ -	
12	Direct Push	Consultant	DP15	GW Profiling (No Soil Sampling)	Ft	\$ 2.31	\$ -	
12	Direct Push	Consultant	DP20	GW Sample Collection	Each	\$ 36.10	\$ -	
12	Direct Push	Consultant	DP25	Temporary Well Installation	Each	\$ 49.90	\$ -	
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	\$ 512.10	\$ -	
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 6.93	\$ -	
12	Direct Push	Commodity	DP40	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 9.03	\$ -	
12	Direct Push	Commodity	DP45	GW Profiling (no soil sampling)	Ft	\$ 6.51	\$ -	
12	Direct Push	Commodity	DP50	GW Sample Collection (cost for tubing)	Ft	\$ 0.42	\$ -	
12	Direct Push	Commodity	DP55	Expendable Drive Point	Each	\$ 14.49	\$ -	
12	Direct Push	Commodity	DP60	Borehole Abandonment	Ft	\$ 1.26	\$ -	
12	Direct Push	Commodity	DP65	Concrete Penetration	Each	\$ 20.10	\$ -	
12	Direct Push	Commodity	DP70	GW Sample Collection	Each	\$ 39.27	\$ -	
12	Direct Push	Commodity	DP75	Temporary Well Installation	Ft	\$ 5.25	\$ -	

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
12	Direct Push	Commodity	DP80	Mob/Demob (Includes decon)	Site	\$ 526.05	\$	-
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.40	\$	-
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR10	26 - 50 ft bgs	Ft	\$ 5.67	\$	-
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR15	51 - 75 ft bgs	Ft	\$ 7.30	\$	-
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$ 593.04	\$	-
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25	Consultant Oversight	Ft	\$ 1.58	\$	-
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR30	Primary Mob/Demob	Site	\$ 505.16	\$	-
13.c	Drilling In Bedrock	Consultant	DR35	Consultant Oversight	Ft	\$ 6.20	\$	-
13.c	Drilling In Bedrock	Consultant	DR40	Primary Mob/Demob	Site	\$ 593.04	\$	-
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$ 16.70	\$	-
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR50	26 - 50 ft bgs	Ft	\$ 18.38	\$	-
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR55	51 - 75 ft bgs	Ft	\$ 21.53	\$	-
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$ 11.97	\$	-
13.f	Drilling In Bedrock	Commodity	DR65	Drilling in Bedrock	Ft	\$ 33.18	\$	-
13.f	Drilling In Bedrock	Commodity	DR70	Bedrock Drilling Setup Charge	Each	\$ 162.02	\$	-
13.f	Drilling In Bedrock	Commodity	DR75	Air Compressor	Day	\$ 426.41	\$	-
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 3.89	\$	-
14	Monitoring Well Installation	Consultant	MWI10	26 - 75 ft bgs	Ft	\$ 2.73	\$	-
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 16.70	\$	-
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 147.63	\$	-
14	Monitoring Well Installation	Commodity	MWI25	Mob/Demob (For development of grout or slurry sealed wells	Site	\$ 548.63	\$	-
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$ 963.38	\$	-
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$ 202.65	\$	-
15	Misc. Drilling Activities & Supplies		MDT15	Stickup Well Cover	Each	\$ 163.91	\$	-
15	Misc. Drilling Activities & Supplies		MDT20	Bumper Guard Posts	Each	\$ 69.30	\$	-
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 55.13	\$	-

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	\$ 203.28		\$ -
15	Misc. Drilling Activities & Supplies		MDT30	Well Repair	Well	\$ 84.42		\$ -
15	Misc. Drilling Activities & Supplies		MDT35	Borehole Abandonment	Foot	\$ 5.46		\$ -
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	\$ 72.87		\$ -
15	Misc. Drilling Activities & Supplies		MDT41	Private Utility Locate	Each	\$ 117.18		\$ -
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 7.98		\$ -
16	Hand Auger Boring		HA05	Hand Augering	Boring	\$ 89.99		\$ -
16	Hand Auger Boring		HA10	Primary Mob/Demob	Site	\$ 555.56		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS05	Sampling	Sample Location	\$ 21.53		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS10	Primary Mob/Demob	Site	\$ 452.45		\$ -
18	Vapor Screening		VS05	Vapor Screening	Site	\$ 212.42		\$ -
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$ 58.59		\$ -
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$ 652.79		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP05	Soil Boring/Monitoring Well Permit	Permit	\$ 246.12		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee			
21	Access Agreements		AA05	Access Agreements	Property	\$ 401.94		\$ -
22	Soil Investigation Report		SIR05	Soil Investigation Report	Report	\$ 3,330.92	1	\$ 3,330.92
23	Soil And GW Investigation Report		SGIR05	Soil and GW Investigation Report	Report	\$ 4,965.35		\$ -
24	Limited Soil Excavation	Consultant	LSE05	Consultant Oversight for Limited Soil Excavation	Ton	\$ 4.94		\$ -
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$ 831.92		\$ -
24	Limited Soil Excavation	Commodity	LSE13	Laboratory (see task 24 total on Lab Schedule)	Lab Schedule		0	\$ -
24	Limited Soil Excavation	Commodity	LSE15	Limited Soil Excavation	Ton	\$ 60.00		\$ -
24	Limited Soil Excavation	Commodity	LSE16	Landfill Environmental Fee (provide documentation)	ACTUAL COST			
25	Remediation System Shut Down		SSD05	Permanent	Site	\$ 1,095.47		\$ -
25	Remediation System Shut Down		SSD10	Temporary	Site	\$ 329.28		\$ -
25	Remediation System Shut Down		SSD15	Primary Mob/Demob	Site	\$ 473.55		\$ -
26	Site Specific RCL Calculations For Direct Contact Risk		SSRCL05	SSRCL Calculations	Site	\$ 386.72		\$ -
27	Claim Submittal		CS05	Claim Submittal	Claim	\$ 585.90		\$ -
28	Standardized Invoice		BS05	Standardized Invoice	Invoice	\$ 17.64		\$ -
29	Occurrence Classification		OC05	Occurrence Classification	Letter/Status Update	\$ 125.37		\$ -
30	Meeting With Regulators		MR05	Meeting with Regulators	Meeting	\$ 349.23		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 113.72		\$ -
32	Deed Restriction Preparation		DRP05	Deed Restriction Preparation	Deed	\$ 178.19		\$ -
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule		0	\$ -
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob	Site	\$ 287.18		\$ -
35	Cap Maintenance Plan		CMP05	Cap Maintenance Plan	Plan	\$ 320.04		\$ -
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78
	Variance							
	Variance							