

General Engineering Company
P.O. Box 340
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Portage, WI 53901



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Engineers • Consultants • Inspectors

April 16, 2020

Ms. Janet DiMaggio
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

RE: Bid Deferral Request
Former Kreyer Store (Lutzen Property)
6858 US Highway 18
Mount Ida, Wisconsin
PECFA No.: 53809-9640-58

Dear Ms. DiMaggio:

General Engineering Company (GEC) is currently performing a site investigation and remedial action at the above-mentioned property. Excavation activities were performed on November 19 and 20, 2019. During the remedial activities, monitoring wells MW-1L was destroyed.

In accordance with the approved Bid Deferral Requests, dated October 16 and December 11, 2019 (included approvals for the installation of 2 new monitoring wells), one new groundwater monitoring well (MW-6L) was advanced northwest of the on-site residence the week of January 20, 2020. Due to drilling delays related to extremely cold weather and other scheduling commitments of the drill rig, the additional approved monitoring well could not be advanced at that time. Due to the presence of groundwater contamination at monitoring well MW-6L, it was determined that two additional down-gradient groundwater monitoring wells would be necessary beyond MW-6L, in addition to the already approved well near the former MW-1L. Therefore, on February 13, 2020, an additional Bid Deferral Request was submitted to the WDNR, for the installation of two additional off-site monitoring wells beyond MW-6L.

Between March 10th and 16th, 2020, the three approved monitoring wells including MW-7L (just beyond MW-1L), and the two off-site wells (MW-8L and MW-9L) were installed. In addition, due to the presence of shallow groundwater within the monitoring wells MW-6L, MW-7L, and MW-9L, an additional shallow groundwater monitoring well (MW-8-AL) was authorized by Janet DiMaggio of the WDNR, without a previously approved PECFA cost request.

It should be noted that the WDNR requested that MW-7L be placed as far northeast of MW-1L, near the rear of the garage as possible. It should be noted that GEC voiced concerns with drilling MW-7L near the rear of the garage, due to the unknown location of a water line and an unknown sanitary line. GEC indicated that the well should be placed just beyond the remedial excavation that was performed, however the WDNR requested that the well be placed back toward the rear of the garage. When advancing the well, the sanitary line was struck during the drilling (B-7) and must be repaired. Prior to the drilling, the owners of the property authorized

Portage

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Grant Procurement & Administration • Land Surveying • Zoning Administration • Mechanical, Electrical, & Plumbing Services



the WDNR requested location, only if any damage caused at the WDNR selected location was repaired utilizing PECFA funds, which was provided to the WDNR in writing before performance of the work. Therefore, GEC was provided a cost estimate by H & N Plumbing of Fennimore, WI, to replace the line. It must be understood that the line is no longer up to code and must be abandoned and re-routed to the current septic tank in order to be properly fixed.

It should also be noted that during the drilling activities at MW-8-AL, bedrock was encountered at a depth of approximately 20 feet while drilling with 12-inch diameter augers. The boring was advanced utilizing air rotary drilling techniques to a depth of 40 feet. A clay layer was encountered in the boring from depths of approximately 28 feet to 35 feet bgs. The clay layer clogged the borehole and the well could not be placed into the open borehole. Therefore, the drilling contractor was forced to re-mobilize after the weekend with 8-inch diameter augers and re-drill the borehole to a depth of 40 feet so that the well could be properly constructed.

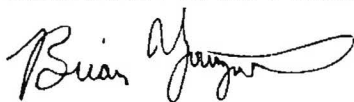
GEC has prepared this Bid Deferral and Variance Request to request additional funds for various aspects of the previous work performed. The estimate includes an additional mobilization for the driller contractor, who lost time due to extremely cold drilling conditions and having to return to site with different augers to finish MW-8-AL; an additional day of air compressor rental for the drilling contractor, 88 feet of additional blind drilling for the drilling contractor and consultant at B-8, MW-7, MW-8A, and MW-9; an additional well cover (MW-8A), 5 additional days of drilling contractor per diem; 4 additional drums; waste disposal of 4 additional drums; and 16 feet of borehole abandonment (B-7 and MW-6L). In addition, this request includes variance costs to repair the plumbing at the Lutzen residence.

The estimated cost of the bid deferral request is for \$5,138.86. The most recent Usual and Customary Standardized Invoice (#27), utilized to estimate costs, is included as an attachment to this correspondence. The estimated cost of the plumbing variance is \$5,800. The cost estimate is included as an attachment to this request.

Please do not hesitate to contact me with any questions.

Respectfully submitted,

GENERAL ENGINEERING COMPANY



Brian Youngwirth
Environmental Project Manager]



Lynn M. Bradley
Environmental Project Manager

Attachments

U & C Cost Schedule and Plumbing Estimate

c: Jeff and Gloria Lutzen, 6858 US Highway 18, Fennimore, WI 53809

Usual and Customary Standardized Invoice #27

January 2020 - June 2020



RR-113a-E

PECFA #: 53809-9640-58
 BRRTS #: 03-22-152084
 Site Name: Kreyer Country Store
 Site Address: 6858 State Hwy 18, Fennimore

Vendor Name: _____
 Invoice #: _____
 Invoice Date: _____
 Check #: _____

U&C Total \$ 5,138.86
 Variance to U&C Total \$ 5,800.00
 Grand Total \$ 10,938.86

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$ 74.62		\$ -
1	GW Sampling		GS06	Sample Collection in well w/LNAPL	Well	\$ 90.07		\$ -
1	GW Sampling		GS10	Incremental Sample Collection (natural attenuation)	Well	\$ 49.10		\$ -
1	GW Sampling		GS15	Incremental Sample Collection (cadmium & lead)	Well	\$ 27.04		\$ -
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	\$ 15.14		\$ -
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 690.92		\$ -
1	GW Sampling		GS30	Temporary Well Abandonment	Well	\$ 27.80		\$ -
2	O & M Reporting		OMR05	Semi-Annual GW Monitoring (Form 4400-194)	Report	\$ 848.44		\$ -
2	O & M Reporting		OMR10	Semi-Annual GW Monitoring (Form 4400-194) with LNAPL Removal per RR-628	Report	\$ 1,071.66		\$ -
3	LNAPL Assessment & Removal		LAR06	LNAPL Sample Collection (1 per site, unless otherwise direct	Site	\$ 70.30		\$ -
3	LNAPL Assessment & Removal		LAR10	Primary Mob/Demob	Site	\$ 569.88		\$ -
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 141.24		\$ -
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 43.37		\$ -
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 111.39	4	\$ 445.56
4	Waste Disposal	Commodity	WD17	Landfill Environmental Fee (provide documentation)	ACTUAL COST			
4	Waste Disposal	Commodity	WD20	Free Product	Drum	\$ 122.32		\$ -
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 316.47		\$ -
5	Closure Request		CR05	Primary Closure Request	Submittal	\$ 2,781.00		\$ -
5	Closure Request		CR15	Continuing Obligation Packet Submittal (For Source Property	Packet	\$ 522.58		\$ -
5	Closure Request		CR20	Continuing Obligation Packet Submittal (For off-site Propertie	Per Additional Property	\$ 229.39		\$ -
5	Closure Request		CR25	Closure Request Following SIR	Submittal	\$ 1,287.50		\$ -
5	Closure Request		CR30	PE review and certification of closure packet	Site	\$ 1,129.60		\$ -
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,070.47		\$ -

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	\$ 132.81		\$ -
8	Well Abandonment	Consultant	WAB05	Coordination		Site	\$ 162.86		\$ -
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft		Ft	\$ 2.60		\$ -
8	Well Abandonment	Consultant	WAB15	Water column > 30 ft (requires pumping [s. NR 141.25 (2) (d)])		Ft	\$ 9.08		\$ -
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)		Bag	\$ 11.14		\$ -
8	Well Abandonment	Consultant	WAB25	Portland Cement (94lb bag)		Bag	\$ 8.44		\$ -
8	Well Abandonment	Consultant	WAB30	Primary Mob/Demob		Site	\$ 398.48		\$ -
8	Well Abandonment	Consultant	WAB31	Primary Mob/Demob w/ vapor point abandonment		Site	\$ 563.48		\$ -
8	Well Abandonment	Consultant	WAB32	Vapor Point Abandonment		Point	\$ 81.58		\$ -
8	Well Abandonment	Commodity	WAB35	Well Abandonment Mob/Demob		Site	\$ 453.81		\$ -
8	Well Abandonment	Commodity	WAB40	Well Abandonment (2 inch)		Ft	\$ 5.74		\$ -
8	Well Abandonment	Commodity	WAB45	Well Abandonment (4 inch)		Ft	\$ 6.71		\$ -
8	Well Abandonment	Commodity	WAB50	Well Abandonment (6 inch)		Ft	\$ 8.22		\$ -
9	Investigation Workplan Preparation		IWP05	Investigation Workplan Preparation		Report	\$ 1,495.18		\$ -
10	Initial Site Survey	Consultant	IS05	Coordination of Initial Site Survey (features + well elevations)		Survey	\$ 120.70		\$ -
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys		Well	\$ 113.45		\$ -
10	Initial Site Survey	Commodity	IS15	Initial Survey		Survey	\$ 1,206.85		\$ -
11	Potable Well Field Reconnaissance		PWFR05	Potable Well Field Reconnaissance		Site	\$ 601.01		\$ -
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling		Ft	\$ 5.52		\$ -
12	Direct Push	Consultant	DP10	> 24 ft bgs W/ Continuous Soil Sampling		Ft	\$ 6.17		\$ -
12	Direct Push	Consultant	DP15	GW Profiling (No Soil Sampling)		Ft	\$ 2.38		\$ -
12	Direct Push	Consultant	DP20	GW Sample Collection		Each	\$ 37.18		\$ -
12	Direct Push	Consultant	DP25	Temporary Well Installation		Each	\$ 51.40		\$ -
12	Direct Push	Consultant	DP30	Primary Mob/Demob		Site	\$ 563.31		\$ -
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling		Ft	\$ 7.14		\$ -
12	Direct Push	Commodity	DP40	> 24 ft bgs W/ Continuous Soil Sampling		Ft	\$ 9.30		\$ -
12	Direct Push	Commodity	DP45	GW Profiling (no soil sampling)		Ft	\$ 6.71		\$ -
12	Direct Push	Commodity	DP50	GW Sample Collection (cost for tubing)		Ft	\$ 0.43		\$ -
12	Direct Push	Commodity	DP55	Expendable Drive Point		Each	\$ 14.92		\$ -
12	Direct Push	Commodity	DP60	Borehole Abandonment		Ft	\$ 1.30		\$ -
12	Direct Push	Commodity	DP65	Concrete Penetration		Each	\$ 20.70		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE	CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
12	Direct Push	Commodity	DP70		GW Sample Collection	Each	\$ 40.45		\$ -
12	Direct Push	Commodity	DP75		Temporary Well Installation	Ft	\$ 5.41		\$ -
12	Direct Push	Commodity	DP80		Mob/Demob (Includes decon)	Site	\$ 578.66		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05		0 - 25 ft bgs	Ft	\$ 5.56		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR10		26 - 50 ft bgs	Ft	\$ 5.84		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR15		51 - 75 ft bgs	Ft	\$ 7.52		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20		Primary Mob/Demob	Site	\$ 652.34		\$ -
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25		Consultant Oversight	Ft	\$ 1.63	88	\$ 143.44
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR30		Primary Mob/Demob	Site	\$ 555.68		\$ -
13.c	Drilling In Bedrock	Consultant	DR35		Consultant Oversight	Ft	\$ 6.39		\$ -
13.c	Drilling In Bedrock	Consultant	DR40		Primary Mob/Demob	Site	\$ 652.34		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45		0 - 25 ft bgs	Ft	\$ 17.20		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR50		26 - 50 ft bgs	Ft	\$ 18.93		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR55		51 - 75 ft bgs	Ft	\$ 22.18		\$ -
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60		Drilling in Unconsolidated Soils	Ft	\$ 12.33	88	\$ 1,085.04
13.f	Drilling In Bedrock	Commodity	DR65		Drilling in Bedrock	Ft	\$ 34.18		\$ -
13.f	Drilling In Bedrock	Commodity	DR70		Bedrock Drilling Setup Charge	Each	\$ 166.88		\$ -
13.f	Drilling In Bedrock	Commodity	DR75		Air Compressor	Day	\$ 439.20	1	\$ 439.20
14	Monitoring Well Installation	Consultant	MWI05		0 - 25 ft bgs	Ft	\$ 4.01		\$ -
14	Monitoring Well Installation	Consultant	MWI10		26 - 75 ft bgs	Ft	\$ 2.81		\$ -
14	Monitoring Well Installation	Commodity	MWI15		2 inch PVC Casing	Ft	\$ 17.20		\$ -
14	Monitoring Well Installation	Commodity	MWI20		Well Development	Well	\$ 152.06		\$ -
14	Monitoring Well Installation	Commodity	MWI25		Mob/Demob (For development of grout or slurry sealed wells)	Site	\$ 603.49		\$ -
15	Misc. Drilling Activities & Supplies		MDT05		Drill Rig Mob/Demob	Mob/Demob	\$ 1,059.72	1	\$ 1,059.72
15	Misc. Drilling Activities & Supplies		MDT10		Well Cover/flushmount	Each	\$ 208.73	1	\$ 208.73
15	Misc. Drilling Activities & Supplies		MDT15		Stickup Well Cover	Each	\$ 168.83		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
15	Misc. Drilling Activities & Supplies		MDT20	Bumper Guard Posts	Each	\$ 71.38		\$ -
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 56.78	4	\$ 227.12
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	\$ 209.38	5	\$ 1,046.90
15	Misc. Drilling Activities & Supplies		MDT30	Well Repair	Well	\$ 86.95		\$ -
15	Misc. Drilling Activities & Supplies		MDT35	Borehole Abandonment	Foot	\$ 5.62	16	\$ 89.92
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	\$ 75.06		\$ -
15	Misc. Drilling Activities & Supplies		MDT41	Private Utility Locate	ACTUAL COST			\$ -
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 8.22		\$ -
16	Hand Auger Boring		HA05	Hand Augering	Boring	\$ 92.69		\$ -
16	Hand Auger Boring		HA10	Primary Mob/Demob	Site	\$ 611.12		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS05	Sampling	Sample Location	\$ 22.18		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS10	Primary Mob/Demob	Site	\$ 497.70		\$ -
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$ 60.35		\$ -
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$ 718.07		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP05	Soil Boring/Monitoring Well Permit	Permit	\$ 253.50		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee			\$ -
21	Access Agreements		AA05	Access Agreements	Property	\$ 414.00		\$ -
22	Soil Investigation Report		SIR05	Soil Investigation Report	Report	\$ 3,430.85		\$ -
23	Soil And GW Investigation Report		SGIR05	Soil and GW Investigation Report	Report	\$ 5,114.31		\$ -
24	Limited Soil Excavation	Consultant	LSE05	Consultant Oversight for Limited Soil Excavation	Ton	\$ 5.09		\$ -
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$ 915.11		\$ -
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	\$ 61.80		\$ -
24	Limited Soil Excavation	Commodity	LSE16	Landfill Environmental Fee (provide documentation)	ACTUAL COST			\$ -
25	Remediation System Shut Down		SSD05	Permanent	Site	\$ 1,128.33		\$ -
25	Remediation System Shut Down		SSD10	Temporary	Site	\$ 339.16		\$ -
25	Remediation System Shut Down		SSD15	Primary Mob/Demob	Site	\$ 520.91		\$ -
27	Claim Submittal		CS05	Claim Submittal	Claim	\$ 603.48		\$ -
28	Standardized Invoice		SI05	Standardized Invoice	Invoice	\$ 18.17		\$ -
30	Meeting With Regulators		MR05	Meeting with Regulators	Meeting	\$ 359.71		\$ -
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 125.09		\$ -

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			\$ -
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob		Site	\$ 295.80		\$ -
35	Cap Maintenance Plan		CMP05	Cap Maintenance Plan		Plan	\$ 329.64		\$ -
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)		Change Order	\$ 393.23	1	\$ 393.23
37	Vapor Point Installation & Sampling		VIS05	Initial Installation & Sampling		Point	\$ 510.26		\$ -
37	Vapor Point Installation & Sampling		VIS06	Installation Equipment		Day	\$ 170.00		\$ -
37	Vapor Point Installation & Sampling		VIS10	Mob/Demob		Event	\$ 643.95		\$ -
37	Vapor Point Installation & Sampling		VIS15	Subsequent Vapor Sampling		Point	\$ 369.07		\$ -
Variance Variance	H & N Plumbing Quote			Repair and Re-route sanitary line		Lump	\$ 5,800.00	1	\$ 5,800.00

Estimate



1325 7th Street PO Box 19
 Fennimore, WI 53809
 (608) 822-3258 / (608) 485-0196
 amanda@hnph.net

ESTIMATE# 33190060
DATE 03/19/2020
PO#

CUSTOMER

JEFF & GLORIA LUTZEN
 6858 HWY 18
 Fennimore WI 53809
 (608) 988-4807

SERVICE LOCATION

JEFF & GLORIA LUTZEN
 6858 HWY 18
 Fennimore WI 53809
 (608) 988-4807

DESCRIPTION estimate

Estimate

Description	Qty	Rate	Total
Lynn Bradley General Engineering Co. 608-742-2169 lbradley@generalengineering.net			
To dig down to top of tank- collapse top and fill tank with stone. Pipe washer line in house and tie into the septic line. All labor, materials, and backhoe work included in cost	1.00		5,800.00

NOTE: this price could be more if the tank is larger than 500 gallon tank

CUSTOMER MESSAGE

Estimate Total: \$5,800.00

As required by the Wisconsin Construction Lien Law, Builder hereby notifies owner that persons or companies furnishing labor or materials for the construction on owner's land may have lien rights on owner's land and building if not paid. Those entitled to lien rights, in addition to the undersigned builder, are those who contract directly with the owner or who give the owner notice within 60 days after they first furnish labor and materials for the construction. Accordingly, owner probably will receive notices from those who furnish labor or materials for the construction, and should give a copy of each notice received to his mortgage lender, if any. Builder agrees to co-operate with the owner and his lender, if any, to see that all potential lien claimants are duly paid.

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our works are fully covered by Worker's Compensation insurance.

A Finance Charge of 1 1/2% per month after 30 days. This equals an annual percentage rate of 18%

The above prices, specifications, and conditions are

3/19/2020

Estimate# 33190060

satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

PRE-WORK SIGNATURE

A handwritten signature in black ink that reads "Joe Chiumo" followed by a circled "A". The signature is written in a cursive style.