General Engineering Company P.O. Box 340 916 Silver Lake Drive Portage, WI 53901



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## Engineers • Consultants • Inspectors

June 26, 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 finalizing the Site Investigation at the above mentioned site. Additionally, costs for the gravel due to a collapse of the area of the excavation making a concave are of approximately 3 feet by 1.5 feet deep. Therefore, this request includes costs for the backfill overage and for the transportation of approximately 10 tons of gravel to the Kreyer site. This request includes variance costs for 10 tons of gravel (one half truck load).

Gravel

10 tons X 11.00 =

\$110.00

The estimated cost of the bid deferral request is for \$503.23. 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 backfill overage and gravel transportation is \$110.00. 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** 

Lynn Bradley

**Environmental Project Manager** 

Attachments

U & C Cost Schedule and Plumbing Estimate

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

**Portage** 

**Black River Falls** 

La Crosse





## Usual and Customary Standardized Invoice #27 January 2020 - June 2020





| PECFA #: 53809     | 9-9640-58               | Vendor Name:  |                          |        |
|--------------------|-------------------------|---------------|--------------------------|--------|
| BRRTS #: 03-22     | 2-152084                | Invoice #:    | U&C Total \$             | 393.23 |
| Site Name: Kreye   | er Country Store        | Invoice Date: | Variance to U&C Total \$ | 110.00 |
| Site Address: 6858 | State Hwy 18, Fennimore | Check #:      | Grand Total \$           | 503.23 |

| TASK | TASK DESCRIPTION           | SERVICES   | ACTIVITY<br>CODE | ACTIVITY REFERENCE CODE DESCRIPTION                                     | UNIT                       | IAX UNIT<br>COST | UNITS | TOT<br>MA |     |
|------|----------------------------|------------|------------------|---|----------------------------|------------------|-------|-----------|-----|
| 1    | GW Sampling                |            | GS05             | Sample Collection   | Well                       | \$<br>74.62      |       | \$        | 9   |
| 1    | GW Sampling                |            | GS06             | Sample Collection in well w/LNAPL                                       | Well                       | \$<br>90.07      |       | \$        | -   |
| 1    | GW Sampling                |            | GS10             | Incremental Sample Collection (natural attenuation)                     | Well                       | \$<br>49.10      |       | \$        | 4   |
| 1    | GW Sampling                |            | GS15             | Incremental Sample Collection (cadmium & lead)                          | Well                       | \$<br>27.04      |       | \$        | 2.5 |
| 1    | GW Sampling                |            | GS20             | Measure Water Levels (for wells not being sampled)                      | Well                       | \$<br>15.14      |       | \$        | 2   |
| 1    | GW Sampling                |            | GS25             | Primary Mob/Demob   | Site                       | \$<br>690.92     |       | \$        |     |
| 1    | GW Sampling                | 11         | GS30             | Temporary Well Abandonment  | Well                       | \$<br>27.80      |       | \$        |     |
| 2    | O & M Reporting            |            | OMR05            | Semi-Annual GW Monitoring (Form 4400-194)                               | Report                     | \$<br>848.44     |       | \$        |     |
| 2    | O & M Reporting            |            | OMR10            | Semi-Annual GW Monitoring (Form 4400-194) with LNAPL Removal per RR-628 | Report                     | \$<br>1,071.66   |       | \$        | *   |
| 3    | LNAPL Assessment & Removal |            | LAR06            | LNAPL Sample Collection (1 per site, unless otherwise direct            | Site                       | \$<br>70.30      |       | \$        |     |
| 3    | LNAPL Assessment & Removal |            | LAR10            | Primary Mob/Demob   | Site                       | \$<br>569.88     |       | \$        | -   |
| 4    | Waste Disposal             | Consultant | WD05             | Consultant Coordination   | Site                       | \$<br>141.24     |       | \$        | ~   |
| 4    | Waste Disposal             | Commodity  | WD10             | GW Sample and/or Purge  | Drum                       | \$<br>43.37      |       | \$        | -   |
| 4    | Waste Disposal             | Commodity  | WD15             | Drill Cuttings  | Drum                       | \$<br>111.39     |       | \$        | -   |
| 4    | Waste Disposal             | Commodity  | WD17             | Landfill Environmental Fee (provide documentation)                      | ACTUAL COST                |                  |       |           |     |
| 4    | Waste Disposal             | Commodity  | WD20             | Free Product  | Drum                       | \$<br>122,32     |       | \$        | -   |
| 4    | Waste Disposal             | Commodity  | WD25             | Primary Mob/Demob   | Site                       | \$<br>316.47     |       | \$        |     |
| 5    | Closure Request            |            | CR05             | Primary Closure Request   | Submittal                  | \$<br>2,781.00   |       | \$        | *   |
| 5    | Closure Request            |            | CR15             | Continuing Obligation Packet Submittal (For Source Property             | Packet                     | \$<br>522.58     |       | \$        | 3   |
| 5    | Closure Request            |            | CR20             | Continuing Obligation Packet Submittal (For off-site Propertie          | Per Additional<br>Property | \$<br>229.39     |       | \$        | *   |
| 5    | Closure Request            |            | CR25             | Closure Request Following SIR   | Submittal                  | \$<br>1,287.50   |       | \$        | *   |
| 5    | Closure Request            |            | CR30             | PE review and certification of closure packet                           | Site                       | \$<br>1,129.60   |       | \$        | 9   |
| 6    | Letter Report/Addendum     |            | LRA05            | Letter Report/Addendum  | Letter                     | \$<br>1,070.47   |       | \$        | 2   |

| TASK | TASK DESCRIPTION                   | SERVICES   | ACTIVITY<br>CODE | ACTIVITY REFERENCE CODE DESCRIPTION                              | UNIT                    |     | MAX UNIT<br>COST | UNITS | TOTAL<br>MAX |
|------|------------------------------------|------------|------------------|--|-------------------------|-----|------------------|-------|--------------|
| 7    | Regulatory Correspondence          |            | RC05             | Regulatory Correspondence  | Letter/Status<br>Update | \$  | 132,81           |       | \$<br>PE     |
| 8    | Well Abandonment                   | Consultant | WAB05            | Coordination   | Site                    | \$  | 162.86           |       | \$<br>- 6    |
| 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             |       | \$<br>-      |
| 8    | Well Abandonment                   | Consultant | WAB30            | Primary Mob/Demob  | Site                    | \$  | 398.48           |       | \$<br>-      |
| 8    | Well Abandonment                   | Consultant | WAB31            | Primary Mob/Demob w/ vapor point abandonment                     | Site                    | \$  | 563.48           |       | \$<br>-      |
| 8    | Well Abandonment                   | Consultant | WAB32            | Vapor Point Abandonment  | Point                   | \$  | 81.58            |       | \$<br>-      |
| 8    | Well Abandonment                   | Commodity  | WAB35            | Well Abandonment Mob/Demob                                       | Site                    | \$  | 453.81           |       | \$<br>-      |
| 8    | Well Abandonment                   | Commodity  | WAB40            | Well Abandonment (2 inch)  | Ft                      | \$  | 5.74             |       | \$<br>-      |
| . 8  | Well Abandonment                   | Commodity  | WAB45            | Well Abandonment (4 inch)  | Ft                      | \$  | 6.71             |       | \$<br>-      |
| 8    | Well Abandonment                   | Commodity  | WAB50            | Well Abandonment (6 inch)  | Ft                      | \$  | 8.22             |       | \$<br>-      |
| 9    | Investigation Workplan Preparation | 1          | IWP05            | Investigation Workplan Preparation                               | Report                  | \$  | 1,495.18         |       | \$<br>-      |
| 10   | Initial Site Survey                | Consultant | IS05             | Coordination of Initial Site Survey (features + well elevations) | Survey                  | \$  | 120.70           |       | \$<br>*      |
| 10   | Initial Site Survey                | Consultant | IS10             | Subsequent Surveys   | Well                    | \$  | 113.45           |       | \$<br>-      |
| 10   | Initial Site Survey                | Commodity  | IS15             | Initial Survey   | Survey                  | \$  | 1,206.85         |       | \$<br>-      |
| 11   | Potable Well Field Reconnaissance  | е          | PWFR05           | Potable Well Field Reconnaissance                                | Site                    | \$  | 601.01           |       | \$           |
| 12   | Direct Push                        | Consultant | DP05             | 0 - 24 ft bgs W/ Continuous Soil Sampling                        | Ft                      | \$  | 5.52             |       | \$<br>-      |
| 12   | Direct Push                        | Consultant | DP10             | > 24 ft bgs W/ Continuous Soil Sampling                          | Ft                      | \$  | 6.17             |       | \$<br>-      |
| 12   | Direct Push                        | Consultant | DP15             | GW Profiling (No Soil Sampling)                                  | Ft                      | \$  | 2.38             |       | \$<br>-      |
| 12   | Direct Push                        | Consultant | DP20             | GW Sample Collection   | Each                    | \$  | 37.18            |       | \$<br>•      |
| 12   | Direct Push                        | Consultant | DP25             | Temporary Well Installation                                      | Each                    | \$  | 51.40            |       | \$<br>-      |
| 12   | Direct Push                        | Consultant | DP30             | Primary Mob/Demob  | Site                    | \$  | 563.31           |       | \$<br>-      |
| 12   | Direct Push                        | Commodity  | DP35             | 0 - 24 ft bgs W/ Continuous Soil Sampling                        | Ft                      | \$  | 7.14             |       | \$<br>₹.     |
| 12   | Direct Push                        | Commodity  | DP40             | > 24 ft bgs W/ Continuous Soil Sampling                          | Ft                      | \$  | 9.30             |       | \$<br>=      |
| 12   | Direct Push                        | Commodity  | DP45             | GW Profiling (no soil sampling)                                  | Ft                      | \$  | 6.71             |       | \$<br>-      |
| 12   | Direct Push                        | Commodity  | DP50             | GW Sample Collection (cost for tubing)                           | Ft                      | \$  | 0.43             |       | \$<br>=      |
| 12   | Direct Push                        | Commodity  | DP55             | Expendable Drive Point   | Each                    | \$  | 14.92            |       | \$<br>7      |
| 12   | Direct Push                        | Commodity  | DP60             | Borehole Abandonment   | Ft                      | \$  | 1.30             |       | \$<br>*      |
| 12   | Direct Push                        | Commodity  | DP65             | Concrete Penetration   | Each                    | \$. | 20.70            |       | \$<br>· ·    |
|      |                                    |            |                  |  |                         |     |                  |       |              |

| TASK | TASK DESCRIPTION   | SERVICES   | ACTIVITY<br>CODE | ACTIVITY REFERENCE CODE DESCRIPTION                        | UNIT      | MAX UNIT<br>COST | UNITS | TOTAL<br>MAX     |
|------|--|------------|------------------|--|-----------|------------------|-------|------------------|
| 12   | Direct Push  | Commodity  | DP70             | GW Sample Collection                                       | Each      | \$<br>40.45      |       | \$<br>( <u>*</u> |
| 12   | Direct Push  | Commodity  | DP75             | Temporary Well Installation                                | Ft        | \$<br>5.41       |       | \$<br>15.00      |
| 12   | Direct Push  | Commodity  | DP80             | Mob/Demob (Includes decon)                                 | Site      | \$<br>578.66     |       | \$<br>:::        |
| 13.a | Drilling In Unconsolidated Soils - With Soil Sampling                    | Consultant | DR05             | 0 - 25 ft bgs  | Ft        | \$<br>5.56       |       | \$<br>· ·        |
| 13.a | Drilling In Unconsolidated Soils -<br>With Soil Sampling                 | Consultant | DR10             | 26 - 50 ft bgs   | Ft        | \$<br>5.84       |       | \$<br>12         |
| 13.a | Drilling In Unconsolidated Soils -<br>With Soil Sampling                 | Consultant | DR15             | 51 - 75 ft bgs   | Ft        | \$<br>7.52       |       | \$<br>786        |
| 13.a | Drilling In Unconsolidated Soils - With Soil Sampling                    | Consultant | DR20             | Primary Mob/Demob  | Site      | \$<br>652.34     |       | \$<br>           |
| 13.b | Drilling In Unconsolidated Soils -<br>Without Soil And/Or GW<br>Sampling | Consultant | DR25             | Consultant Oversight                                       | Ft        | \$<br>1.63       |       | \$<br>-          |
| 13.b | Drilling In Unconsolidated Soils -<br>Without Soil And/Or GW<br>Sampling | Consultant | DR30             | Primary Mob/Demob  | Site      | \$<br>555.68     |       | \$<br>*          |
| 13.c | Drilling In Bedrock  | Consultant | DR35             | Consultant Oversight                                       | Ft        | \$<br>6.39       |       | \$<br>-          |
| 13.c | Drilling In Bedrock  | Consultant | DR40             | Primary Mob/Demob  | Site      | \$<br>652.34     |       | \$               |
| 13.d | Drilling In Unconsolidated Soils - With Soil Sampling                    | Commodity  | DR45             | 0 - 25 ft bgs  | Ft        | \$<br>17.20      |       | \$               |
| 13.d | Drilling In Unconsolidated Soils - With Soil Sampling                    | Commodity  | DR50             | 26 - 50 ft bgs   | Ft        | \$<br>18.93      |       | \$<br>÷          |
| 13.d | Drilling In Unconsolidated Soils -<br>With Soil Sampling                 | Commodity  | DR55             | 51 - 75 ft bgs   | Ft        | \$<br>22.18      |       | \$<br>. 2        |
| 13,e | Drilling In Unconsolidated Soils -<br>Without Soil And/Or GW<br>Sampling | Commodity  | DR60             | Drilling in Unconsolidated Soils                           | Ft        | \$<br>12,33      |       | \$<br>2          |
| 13.f | Drilling In Bedrock  | Commodity  | DR65             | Drilling in Bedrock  | Ft        | \$<br>34.18      |       | \$<br>7          |
| 13.f | Drilling In Bedrock  | Commodity  | DR70             | Bedrock Drilling Setup Charge                              | Each      | \$<br>166.88     |       | \$<br>₹.         |
| 13.f | Drilling In Bedrock  | Commodity  | DR75             | Air Compressor   | Day       | \$<br>439.20     |       | \$<br>. =        |
| 14   | Monitoring Well Installation   | Consultant | MWI05            | 0 - 25 ft bgs  | Ft        | \$<br>4.01       |       | \$<br>-          |
| 14   | Monitoring Well Installation   | Consultant | MWI10            | 26 - 75 ft bgs   | Ft        | \$<br>2.81       |       | \$<br>₽.         |
| 14   | Monitoring Well Installation   | Commodity  | MWI15            | 2 inch PVC Casing  | Ft        | \$<br>17.20      |       | \$               |
| 14   | Monitoring Well Installation   | Commodity  | MWI20            | Well Development   | Well      | \$<br>152.06     |       | \$<br>7          |
| 14   | Monitoring Well Installation   | Commodity  | MWI25            | Mob/Demob (For development of grout or slurry sealed wells | Site      | \$<br>603.49     |       | \$<br>e e        |
| 15   | Misc. Drilling Activities & Supplies                                     |            | MDT05            | Drill Rig Mob/Demob  | Mob/Demob | \$<br>1,059.72   |       | \$<br>9          |
| 15   | Misc. Drilling Activities & Supplies                                     |            | MDT10            | Well Cover/flushmount                                      | Each      | \$<br>208.73     |       | \$<br>8          |
| 15   | Misc. Drilling Activities & Supplies                                     |            | MDT15            | Stickup Well Cover   | Each      | \$<br>168.83     |       | \$<br>¥          |

|                           | ΓASK | TASK DESCRIPTION                     | SERVICES   | ACTIVITY<br>CODE | ACTIVITY REFERENCE CODE DESCRIPTION                            | UNIT            | ľ  | MAX UNIT<br>COST | UNITS |      | TOTAL<br>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            |       | \$   | 1-                |
|                           | 15   | Misc. Drilling Activities & Supplies |            | MDT25            | Commodity Service Provider Per Diem (drilling and direct push) | Person          | \$ | 209.38           |       | \$   | •                 |
|                           | 15   | Misc. Drilling Activities & Supplies |            | MDT30            | Well Repair  | Well            | \$ | 86.95            |       | \$   | 52                |
|                           | 15   | Misc. Drilling Activities & Supplies |            | MDT35            | Borehole Abandonment   | Foot            | \$ | 5.62             |       | \$   | 172               |
|                           | 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             |       | \$   | 5 <u>4</u> (      |
|                           | 16   | Hand Auger Boring                    |            | HA05             | Hand Augering  | Boring          | \$ | 92.69            |       | \$   | 19                |
|                           | 16   | Hand Auger Boring                    | *:         | HA10             | Primary Mob/Demob  | Site            | \$ | 611.12           |       | \$   | •                 |
|                           | 17   | Surface Soil/Sediment/Water Sampling |            | SSWS05           | Sampling   | Sample Location | \$ | 22.18            |       | \$   | - 14              |
|                           | 17   | Surface Soil/Sediment/Water Sampling |            | SSWS10           | Primary Mob/Demob  | Site            | \$ | 497.70           | ,     | \$   | (•)               |
| 2                         | 19   | Hydraulic Conductivity Testing       | 3.         | HCT05            | Hydraulic Conductivity Testing                                 | Well            | \$ | 60.35            |       | \$   | 300               |
|                           | 19   | Hydraulic Conductivity Testing       |            | HCT10            | Primary Mob/Demob  | Site            | \$ | 718.07           |       | \$   | 1000              |
|                           | 20   | Soil Boring/Monitoring Well Permits  |            | SBMWP05          | Soil Boring/Monitoring Well Permit                             | Permit          | \$ | 253.50           |       | \$   | (1 <del>0</del> ) |
|                           | 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           |       | \$   | 8                 |
|                           | 22   | Soil Investigation Report            |            | SIR05            | Soil Investigation Report                                      | Report          | \$ | 3,430.85         |       | \$   | 134               |
|                           | 23   | Soil And GW Investigation Report     |            | SGIR05           | Soil and GW Investigation Report                               | Report          | \$ | 5,114.31         |       | \$   | 3=                |
|                           | 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           |       | \$   | 396               |
|                           | 24   | Limited Soil Excavation              | Commodity  | LSE13            | Laboratory (see task 24 total on Lab Schedule)                 | Lab Schedule    |    |                  |       | \$ 0 | 0.E               |
|                           | 24   | Limited Soil Excavation              | Commodity  | LSE15            | Limited Soil Excavation  | Ton             | \$ | 61.80            |       | \$   |                   |
| $\mathbf{x}_{i}^{\prime}$ | 24   | Limited Soil Excavation              | Commodity  | LSE16            | Landfill Environmental Fee (provide documentation)             | ACTUAL COST     |    |                  |       |      |                   |
|                           | 25   | Remediation System Shut Down         |            | SSD05            | Permanent  | Site            | \$ | 1,128.33         |       | \$   | (5)               |
|                           | 25   | Remediation System Shut Down         |            | SSD10            | Temporary  | Site            | \$ | 339,16           |       | \$   | 10.75             |
|                           | 25   | Remediation System Shut Down         |            | SSD15            | Primary Mob/Demob  | Site            | \$ | 520,91           |       | \$   | (47)              |
|                           | 27   | Claim Submittal                      |            | CS05             | Claim Submittal  | Claim           | \$ | 603.48           |       | \$   | 175               |
|                           | 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<br>CODE | ACTIVITY REFERENCE CODE DESCRIPTION                 | UNIT         | AX UNIT<br>COST | UNITS |      | TOTAL<br>MAX |
|----------|-------------------------------------|-----------|------------------|---|--------------|-----------------|-------|------|--------------|
| 33       | Schedule Of Laboratory<br>Maximums  | Commodity |                  | Laboratory (see task 33 total on Lab Schedule)      | Lab Schedule |                 |       | \$   | ž            |
| 34       | Consultant Incremental Mob/Demob    |           | IMD05            | Incremental Mob/Demob                               | Site         | \$<br>295.80    |       | \$   |              |
| 35       | Cap Maintenance Plan                |           | CMP05            | Cap Maintenance Plan                                | Plan         | \$<br>329.64    |       | \$   | -            |
| 36       | Change Order Request                |           | COR05            | Change Order Request (cost cap exceedance requests) | Change Order | \$<br>393.23    |       | 1 \$ | 393.23       |
| 37       | Vapor Point Installation & Sampling |           | VIS05            | Initial Installation & Sampling                     | Point        | \$<br>510.26    |       | \$   |              |
| 37       | Vapor Point Installation & Sampling |           | VIS06            | Installation Equipment                              | Day          | \$<br>170.00    |       | \$   | *            |
| 37       | Vapor Point Installation & Sampling |           | VIS10            | Mob/Demob   | Event        | \$<br>643.95    |       | \$   | -            |
| 37       | Vapor Point Installation & Sampling |           | VIS15            | Subsequent Vapor Sampling                           | Point        | \$<br>369.07    |       | \$   | -            |
|          |                                     |           |                  |   |              |                 |       |      |              |
| Variance | Drilling Ruts Replaced with Gravel  |           |                  | Backfill for concave excavation                     |              |                 |       | \$   | 110.00       |