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October 30, 2018

Gina Keenan
Wisconsin Department of Natural Resources
1300 W. Clairemont Avenue
Eau Claire, WI 54701

Subject: Arlene's Inn/Don's General Repair – Bid Deferment Request for additional investigation. (Revised)
BRRTS #: 03-10-196577, PECFA #: 54493-8809-31-A

Dear Ms. Keenan,

At the request of state, METCO is submitting a bid deferment (using the Usual & Customary Cost Schedule)/variance for installation of a new private well, drilling project with the installation of three new monitoring/piezometer well nests and four additional soil borings, and groundwater monitoring at the above site located at N8631 CTH G in Willard, Wisconsin. The workscope will include: [1] Installation of one new private well estimated to 300 feet below ground surface (bgs) with approximately 120 feet of casing and abandonment of up to 4 private wells (Haupt Well & Pump Co., Inc.) [2] Installation of three additional monitoring/piezometer well nests with monitoring wells to approximately 23 feet bgs with 10-foot screens and piezometers to approximately 32 feet bgs with 5-foot screens (bedrock is ~15 feet bgs). [3] During the drilling project also conduct 4 soil borings to approximately 15 feet bgs (bedrock) and collect two soil samples per boring (top four feet and interval with highest contaminant level) for PVOC, Naphthalene, 1,2-DCA, and EDB analysis. [4] Conduct two quarterly groundwater monitoring rounds from the new site wells (MW-8, -8P, -9, -9P, -10, and -10P) for VOC or PVOC, Naphthalene, 1,2-DCA, and EDB analysis and sample the new private well and up to five other nearby private wells for VOC analysis in both rounds. [4] Surveying. [5] Prepare new site layout map in CADD with utilities, property boundaries, surface cover, etc.... [6] Investigative Waste Disposal, [7] Install and sample up to three sub-slab vaporing sampling points at Arlene's Inn for TO-15 (PVOC+Naphthalene+1,2-DCA), and [8] Letter Report. Costs for the above workscope are as follows:

Access Agreement (up to 5)	\$ 2,009.70
Install Private Well (and abandonment of old wells)	\$25,900.00 (variance)
Drilling Project	\$18,580.00

Survey	\$ 1,288.88
Prepare new site layout map in CADD	\$ 804.24 (variance)
Groundwater/Private Well Sampling (2 Rounds)	\$ 2,995.02
Laboratory Analysis	\$ 2,362.36
Investigative Waste Disposal	\$ 2,539.97
Sub-Slab Vapor Sampling	\$ 2,254.29
Letter Report	\$ 1,039.29
Change Order Request	\$ 381.78
Total	\$60,155.53

We are requesting a bid deferment/variance in the amount of **\$60,155.53** to cover the additional work described above. Upon review and approval of the workscope and budget, METCO will proceed with the project.

Attached are a site layout map with proposed monitoring/piezometer well and soil boring locations, private well install and abandonment cost estimate, and U&C Standardized Invoice Form as required.

Please note that the location and construction of the new private well will have to be determined by the WDNR and based on the location and construction the cost estimate may need to be revised.

Should you have any questions, comments, or recommendations please contact me at our La Crosse office (608) 781-8879 or email at jasonp@metcohq.com.

Sincerely,



Jason T. Powell
Staff Scientist

Attachments

c: Don Tieman – Don’s General Repair

Bank (former)

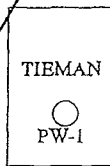


Abandoned well
1160.20

(1160.51) MW-7P
MW-7

FOSTER ROAD

5' @
(1160.00)



Abandoned well
1160.00

(1161.43) MW-3

MW-4
(1160.38)

MW-3P

MW-4P

Tieman PW-2

MW-6
(1160.05)



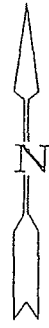
MW-5P

MW-1R
(1160.67)

MW-2
(1160.51)

MW-6P

COUNTY ROAD "G"



0 100
SCALE - FEET

Figure 2
Ground Water Flow Map
(Water Table Wells 6/27/07)
Arlene's Inn
Willard, Wisconsin

PROJECT NO. 05C647	PREPARED BY KAS
DATE 2/08/08	REVIEWED BY KAS



Meridian
Environmental
Consulting, LLC

Haupt Well & Pump Co., Inc.

**5508 Main Street
Auburndale, WI 54412**

715 652 2711

www.hauptwell.com

david@hauptwell.com

7-31-18

Donald Tieman
N8649 CTH G
Willard, WI 54494

Estimate: 4 well abandonments, 1 new well and 1 pump installation.

Dear Mr. Tieman,

There are unknowns therefore this is an estimate. I searched for old well records without finding. As discussed, the existing wells need to be accessible to abandon them and the site chosen for the new well must also be accessible.

Abandonment: Preparation, road time, remove pumps, fill well, report abandonment estimate is \$1750 per well times 4 wells, \$7000.

New well: Depth anticipated near 300 ft. with 120 ft. of casing anticipated est. \$10,600. If the well does not produce enough water for your needs, fracking would raise the well estimate to \$12,900.

This pump installation is expected to cost between \$4,000 and \$6,000.

SUMMARY:

Abandonments	\$7000
New well	\$12,900
Pump install	\$6,000
TOTAL	= \$25,900

If there are questions, let me know.

Yours truly,

David L. Haupt



Haupt Well & Pump Co., Inc.
David L. Haupt, MGWC

Usual and Customary Standardized Invoice #24

July 2018- December 2018



RR-100a

PECFA #: 54493-8809-31
 BRRTS #: 03-10-196577
 Site Name: Arlenes Inn
 Site Address: N8631 CTH G, Willard, WI

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

U&C Total \$ 33,451.29
 Variance to U&C Total \$ 26,704.24
 Grand Total \$ 60,155.53

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	24	\$ 1,738.80	
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 628.11	2	\$ 1,256.22	
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 137.13	1	\$ 137.13	
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 42.11	4	\$ 168.44	
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 108.15	18	\$ 1,946.70	
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 287.70	1	\$ 287.70	
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,039.29	1	\$ 1,039.29	
10	Initial Site Survey	Consultant	IS05	Coordination of Initial Site Survey (features + well elevations)	Survey	\$ 117.18	1	\$ 117.18	
10	Initial Site Survey	Commodity	IS15	Initial Survey	Survey	\$ 1,171.70	1	\$ 1,171.70	
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.40	105	\$ 567.00	
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25	Consultant Oversight	Ft	\$ 1.58	45	\$ 71.10	
13.c	Drilling In Bedrock	Consultant	DR35	Consultant Oversight	Ft	\$ 6.20	81	\$ 502.20	
13.c	Drilling In Bedrock	Consultant	DR40	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	105	\$ 1,753.50	
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$ 11.97	45	\$ 538.65	
13.f	Drilling In Bedrock	Commodity	DR65	Drilling in Bedrock	Ft	\$ 33.18	81	\$ 2,687.58	
13.f	Drilling In Bedrock	Commodity	DR70	Bedrock Drilling Setup Charge	Each	\$ 162.02	6	\$ 972.12	
13.f	Drilling In Bedrock	Commodity	DR75	Air Compressor	Day	\$ 426.41	3	\$ 1,279.23	
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 3.89	144	\$ 560.16	
14	Monitoring Well Installation	Consultant	MWI10	26 - 75 ft bgs	Ft	\$ 2.73	21	\$ 57.33	
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 16.70	165	\$ 2,755.50	
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 147.63	6	\$ 885.78	
14	Monitoring Well Installation	Commodity	MWI25	Mob/Demob (For development of grout or slurry sealed well)	Site	\$ 548.63	1	\$ 548.63	
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	6	\$ 1,215.90	
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 55.13	22	\$ 1,212.86	
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	\$ 203.28	4	\$ 813.12	
15	Misc. Drilling Activities & Supplies		MDT35	Borehole Abandonment	Foot	\$ 5.46	60	\$ 327.60	
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 7.98	6	\$ 47.88	
21	Access Agreements		AA05	Access Agreements	Property	\$ 401.94	5	\$ 2,009.70	
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 113.72	2	\$ 227.44	
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule			\$ 2,362.36	
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78	
37	Vapor Point Installation & Sampling		VIS05	Installation & Sampling (up to 5 points)	Point	\$ 504.78	3	\$ 1,514.34	
37	Vapor Point Installation & Sampling		VIS10	Mob/Demob (up to 5 points)	Site	\$ 739.95	1	\$ 739.95	
Variance	Installation of new private well and abandonment of up to 4 private wells (Haupt Well & Pump Co., Inc.)								\$ 25,900.00
Variance	Create new site layout map in CADD (12 hours @ \$67.02/hour)								\$ 804.24

Usual and Customary Standardized Invoice #24

July 2018- December 2018



RR-100A

TOTAL LAB CHARGES \$ 2,362.36 TASK 33 39 \$ 2,362.36 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	20	\$ 1,438.60			
WATER	W1	GRO/PVOC	SAMPLE	\$ 29.19		\$ -			
WATER	W2	PVOC	SAMPLE	\$ 26.99		\$ -			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 43.79	6	\$ 262.74			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 30.35		\$ -			
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		\$ -			
WATER	W21	EDB Method 504	SAMPLE	\$ 95.45		\$ -			
SOILS	S1	GRO	SAMPLE	\$ 24.78	2	\$ 49.56	\$ 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	9	\$ 445.14	\$ 49.46		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 36.02		\$ -	\$ 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		\$ -			\$ -
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		\$ -			\$ -
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	1	\$ 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	1	\$ 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	\$	2,362.36	

MAX COST	SAMPLES	TOTAL
\$ 24.78		\$ -
\$ 30.35		\$ -
\$ 28.14		\$ -
\$ 25.83		\$ -
\$ 49.46		\$ -
\$ 36.02		\$ -
\$ 71.93		\$ -
\$ 50.61		\$ -
\$ 72.98		\$ -
\$ 12.39		\$ -
TASK 24 TOTAL		
		\$ -