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February 13, 2018

Riley Neumann Wisconsin Department of Natural Resources 2300 N. Dr. Martin Luther King Drive Milwaukee, WI 53212

Subject:

Auto Repair on Vliet - Bid Deferment request for soil excavation/disposal project and

additional groundwater monitoring.

BRRTS #: 03-41-286924, PECFA #: 53205-1833-81-A

Dear Mr. Neumann.

A bid deferment (using Usual & Customary schedule of charges)/variance is being submitted for soil excavation/disposal, replacement well and one new well, and additional groundwater monitoring at the subject property located at 2481 W. Vliet Street in Milwaukee, Wisconsin. The cost estimate will include: [1] Excavation and disposal of approximately 1,780 tons (see attached site layout map for proposed excavation areas) of petroleum impacted soil, with up to 25 confirmation soil samples for PVOC, PAH, & Lead analysis. Concrete will have to be saw-cut, removed, hauled, and disposed of separately. A portion of the fence will have to be removed and repaired following the excavation. [2] Abandonment of monitoring well MW-1, [3] Drilling project to reinstall monitoring well MW-1 and new well MW-6 (NW corner of source property), [4] Surveying, [5] Two rounds of post-excavation groundwater monitoring from all site monitoring wells (MW-1R, -2, -3, -4, -5, and -6) all for PVOC and Naphthalene analysis and also Dissolved Lead from monitoring wells MW-1R and new well MW-6, [6] Waste disposal (drilling project), and [7] Prepare Letter Report. The cost estimate is as follows:

Soil Excavation/Disposal Project (commodity)	\$115,717.00 (variance)
Soil Excavation/Disposal Project (consulting)	\$ 5,763.08 (variance/U&C)
Well Abandonment (MW-1)	\$ 53.66
Drilling Project (replace MW-1 & new well MW-6)	\$ 3,908.09
Surveying	\$ 220.30
Post Excavation Groundwater Monitoring (2 quarterly events)	\$ 2,230.62
Laboratory Analysis (soil & groundwater)	\$ 3,280.29
Waste Disposal (from drilling project)	\$ 791.39
Letter Report	\$ 1,039.29
Change Order Request	\$ 381.78
Total	\$133,385.50

METCO is requesting a bid deferment/variance in the amount of \$133,385.50 to complete the above workscope. Upon state and client approval of the proposed workscope and budget, METCO will proceed with the project.

Please note that the small proposed excavation area behind the building would not be eligible for PECFA reimbursement. This would include hauling, disposal, backfill, and confirmation sampling. This work would be done to help address the open WDNR ERP Case but would have to be agreed upon and paid for by the Responsible Party.

Attached are a map with proposed excavation areas, excavation/disposal project cost estimate (commodity & consulting), and draft standardized invoice form for the above workscope as required.

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.

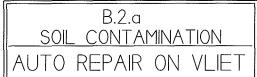
Sincerely,

Jason T. Powell Staff Scientist

Attachments

c: Raisa Beyder c/o Anna Shtivelberg, POA - Client

Za T. Powell







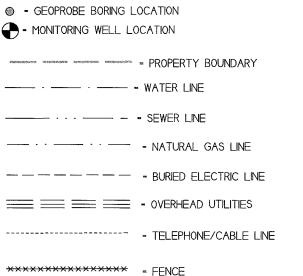
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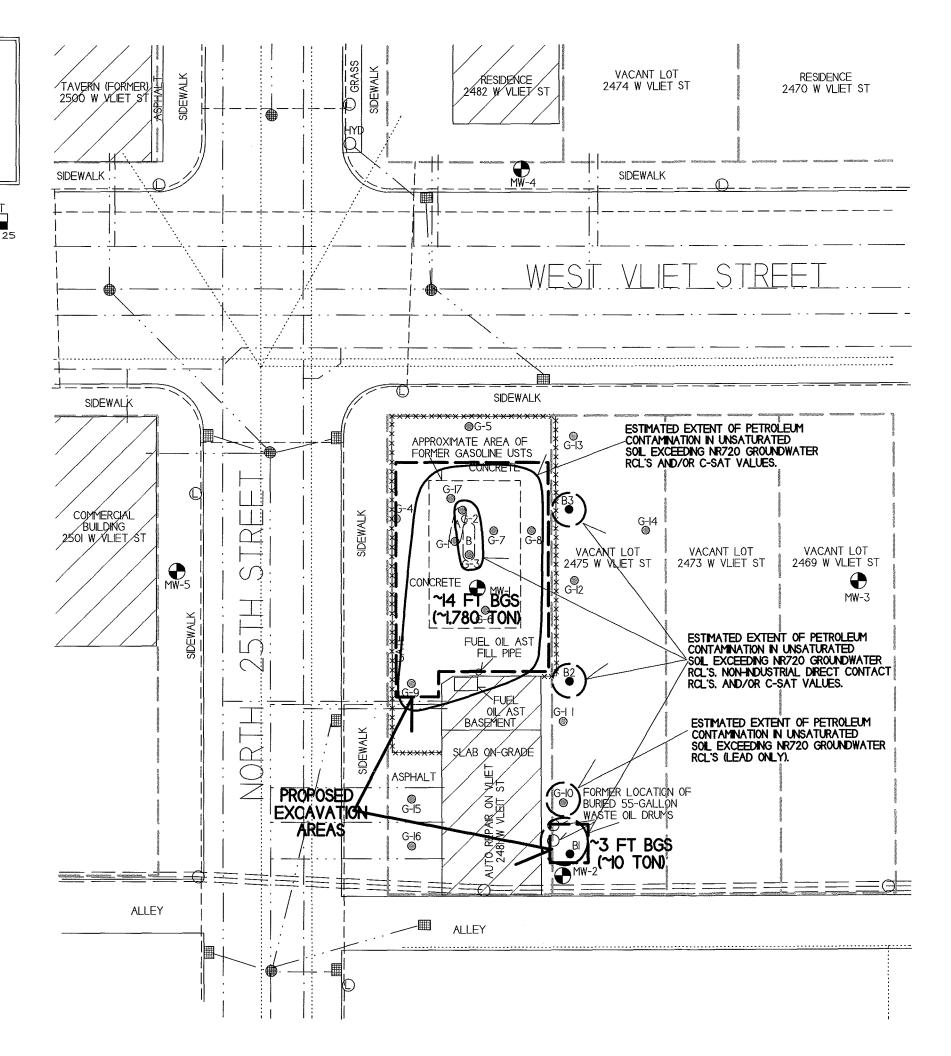
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- I INCH = 25 FEET A - FORMER PUMP ISLAND (2005. 1985. 1980.
- 1975. AND 1967 AERIAL PHOTOS) B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

DRAWN BY: ED

- O = UTILITY POLE
- () STREET LIGHT
- - SEWER MAN HOLE
- = STORM DRAIN
- = SOIL BORING LOCATION (GILES P2ESA)





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Soil Excavation/Disposal Project (Consulting)

Project Management: 6 hours @ \$85/hour

Waste Disposal Documents: 4 hours @ \$85/hour

Prepare for project: 4 hours @ \$85/hour

Fieldwork: 40 hours @ \$85/hour

Total Consulting Costs for Excavation/Disposal Project: \$4,590

Please note: mob/demob, consultant overnight per diems, and consultant equipment for the excavation project has been included in the U&C standardized invoice attached.

Usual and Customary Standardized Invoice #23 January 2018- July 2018





 PECFA #:
 53205-1833-81
 Vendor Name:
 U&C Total
 \$ 13,078.50

 BRRTS #:
 03-41-286924
 Invoice #:
 U&C Total
 \$ 120,307.00

 Site Name:
 Auto Repair on Vliet
 Invoice Date:
 Variance to U&C Total
 \$ 120,307.00

 Site Address:
 2481 W. Vliet St., Milwaukee, WI
 Check #:
 Grand Total
 \$ 133,385.50

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	ENIT		AX UNIT COST UN	IITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$	72.45	12 \$	869,40
1	GW Sampling		GS15	Incremental Sample Collection (cadmium & lead)	Well	\$	26.25	4 \$	105.00
1	GW Sampling		G\$25	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	1 S	42.11
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$	108.15	3 \$	324.45
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$	287.70	1 \$	287,70
6	Letter Report/Addendum	Commodity	LRA05	Letter Report/Addendum	Letter	\$	1,039.29	1 \$	1,039.29
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$	2.52	17 \$	42.84
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$	10.82	1 \$	10.82
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$	110.15	2 \$	220.30
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$	5.40	18 \$	97.20
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$	593.04	1 \$	593.04
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25	Consultant Oversight	Ft	\$	1.58	18 \$	28.44
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$	16.70	18 \$	300.60
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$	11.97	18 \$	215.46
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs Ft \$		3.89	34 \$	132.26	
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing Ft \$		16.70	34 \$	567.80	
14	Monitoring Well Installation	Commodity	MW120	Well Development	Well	\$	147.63	2 \$	295.26
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	2 \$	405.30
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$	55.13	4 \$	220.52
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	\$	72.87	1 \$	72.87
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$	7.98	2 \$	15.96
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$	831.92	1 \$	831.92
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$	113.72	3 \$	341.16
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule			94 \$	3,280.29
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$	381.78	1 \$	381.78
Variance Variance		• • •		r, haul, dispose, backfill, and compaction for 1,780 tons nt., waste disposal documents, prep, and fieldwork				\$ \$	115,717.00 4,590.00

Usual and Customary Standardized Invoice #23 January 2018- July 2018





		TOTAL LAB CHARGES	\$ 3,280.29		TASK 33	94	\$ 3,280.29	TASK 24	0 \$ -
MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS		MAX COST :	SAMPLES	TOTAL	MAX COST	SAMPLES TOTAL
, AID	A 4	D	CAMPLE	Ф.	44.04				
AIR AIR	A1 A2	Benzene BETX	SAMPLE SAMPLE	\$ \$	44.94 49.46	9			
AIR	A3	GRO	SAMPLE	э \$	46.10	4			
AIR	A4	VOC's	SAMPLE	\$	71.93	9			
WATER	W1	GRO/PVOC	SAMPLE	\$	29.19	9			
WATER	W2	PVOC	SAMPLE	\$	26.99	9			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$	43.79	\$			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$	30.35	14 \$	424.90		
WATER	W5	VOC	SAMPLE	\$	71.93	\$	-		
WATER	W6	PAH	SAMPLE	\$	72.98	\$			
WATER	W7	Lead	SAMPLE	\$	12.39	4 \$			
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 WATER	W13 W14	Ammonia Sulfate	SAMPLE SAMPLE	\$ \$	16.91 10.19	9			
WATER	W14 W15	Iron	SAMPLE	\$	10.19	3			
WATER	W16	Manganese	SAMPLE	\$	10.19	9			
WATER	W17	Alkalinity	SAMPLE	\$	10.19	9			
WATER	W18	methane	SAMPLE	\$	46.10	9			
WATER	W19	Phosphorous	SAMPLE	\$	18.06	9			
WATER	W20	VOC Method 524.2	SAMPLE	\$	176.30	\$			
WATER	W21	EDB Method 504	SAMPLE	\$	95.45	\$	-	MAX COST	SAMPLES TOTAL
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	26 \$		\$ 25.83	\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$	49.46	\$		\$ 49.46	\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$	36.02	\$		\$ 36.02	\$ -
SOILS	S7	VOC	SAMPLE	\$	71.93	\$		\$ 71.93	\$ -
SOILS SOILS	S8 S9	SPLP Extraction VOC only PAH	SAMPLE SAMPLE	\$	50.61 72.98	\$ 25.0		\$ 50.61 \$ 72.98	\$ - \$ -
SOILS	S10	Lead	SAMPLE	\$ \$	12.39	25 \$ 25 \$			\$ -
SOILS	S10	Cadmium	SAMPLE	\$	14.60	25 \$			SK 24 TOTAL \$ -
SOILS	S12	Free Liquid	SAMPLE	\$	11.24	\$		1.1 11 11 11 11 11 11 11 11 11 11 11 11	
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 SOILS	S24 S25	% Total Solids Field Capacity	SAMPLE SAMPLE	\$ \$	6.83 28.14	\$	<u>-</u>		
SOILS	S26	TCLP Lead	SAMPLE	φ \$	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]) Interfacial tension II (LNAPL/air [dyne/cm]) Interfacial tension III (water/air) [dyne/cm])	SAMPLE	\$	561.33	\$	-		
				100	TASK	33 TOTAL \$	3,280.29		