

## Excellence through experience™

709 Gillette St., Ste #3 ♦ La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦www.metcohq.com

August 26, 2019

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 additional well installation,

groundwater monitoring, and sub slab vapor sampling. (Revised)

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

Dear Mr. Neumann,

A bid deferment (using Usual & Customary schedule of charges) is being submitted for the subject property located at 2481 W. Vliet Street in Milwaukee, Wisconsin. The cost estimate will include: [1] Drilling project to install a new monitoring well (MW-7) near boring G-15 (SW corner of source property) to 16 feet bgs with up to three soil samples collected for PVOC and Naphthalene analysis, [2] Surveying, [3] Two additional rounds of post-excavation groundwater monitoring from MW-1R, -6, and new well MW-7 all for PVOC and Naphthalene analysis. We will also plan to collect water levels from all site wells including MW-2, -3, -4, and -5, [4] Waste disposal (drilling project), [5] Collect two sub slab vapor samples from the on-site building (basement and slab on grade portion of building) for TO-15 (PVOC and Naphthalene) analysis, [6] Using the "RR-079 Risk Assessment Approach for Calculating cPAH Non-Industrial Direct Contact RCLs" to determine if a cumulative assessment would allow for cPAH concentrations to be identified that are protective and may reduce the area that would require cap maintenance plan on the neighboring property. Once the modified calculator is used for current direct contact exceedences we will revise the soil tables and soil contaminant plume map, and [7] Prepare Letter Report. The cost estimate is as follows:

Drilling Project (install new well MW-7)	\$ 2,977.69
Surveying	\$ 113.45
Post Excavation Groundwater Monitoring (2 quarterly events)	\$ 1,950.68
Laboratory Analysis (soil & groundwater)	\$ 398.48
Waste Disposal (from drilling project)	\$ 865.10
Sub Slab Vapor Sampling	\$ 1,834.47
Risk Assessment for cPAHs	\$ 1,129.56 (variance)
Letter Report	\$ 1,070.47
Change Order Request	\$ 393.23
Total	<b>1</b> \$10,733.13

METCO is requesting a bid deferment in the amount of \$10,733.13 to complete the above work scope. Upon state and client approval of the proposed work scope and budget, METCO will proceed with the project.

Attached are a site map with the proposed new monitoring well location and draft standardized invoice form for the above work scope 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

TE T. Powell

## Usual and Customary Standardized Invoice #26 July 2019 - December 2019





PECFA #:	53205-1833-81	Vendor Name:	
BRRTS #:	03-41-286924	Invoice #:	
Site Name:	Auto Repair on Vlient	Invoice Date:	
Site Address:	2481 W. Vliet St., Milwaukee, WI	Check #:	

U&C Total \$ 9,603.57 Variance to U&C Total \$ 1,129.56 Grand Total \$ 10,733.13

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TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT		MAX UNIT COST	UNITS		TOTAL MAX
1	GW Sampling	1311	GS05	Sample Collection	Well	\$	74.62		6 \$	447.72
,	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	\$	15.14		8 \$	121.12
1	Table of the Control		GS25		Site	\$	690.92		2 \$	1,381.84
4	GW Sampling	0		Primary Mob/Demob						282.48
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$	141.24		2 \$	
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$	43.37		1 \$	43.37
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$	111.39		2 \$	222.78
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$	316,47		1 \$	316.47
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$	1,070.47		1 \$	1,070.47
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$	113.45		1 \$	113.45
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$	5.56	1	7 \$	94.52
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$	652.34		1 \$	652.34
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$	17.20	1	7 \$	292.40
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Fl	\$	4.01	1	6 \$	64.16
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$	17.20	1	6 \$	275.20
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$	152.06		1 \$	152.06
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		MDT21	Drum, 55 gal. DOT steel	Each	\$	56.78		3 \$	170.34
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$	8.22		1 \$	8.22
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule				\$	398.48
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	Installation & Sampling (up to 5 points)	Point	\$	510.26		2 \$	1,020.52
37	Vapor Point Installation & Sampling		VIS10	Mob/Demob (up to 5 points)	Site	\$	813,95		1 \$	813,95
Variance	Risk Assessment of cPAHs: 12 hou	ırs @ \$94.13/r	our						\$	1,129.56