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July 14, 2015

Gena Larson Wisconsin Department of Natural Resources 101 S. Webster Street Madison, WI 53707



Subject:

Kipp's Auto & Towing Service – Bid Deferment Request for drilling project, additional groundwater monitoring, and vapor sampling at two neighboring buildings. BRRTS #: 03-41-543343, PECFA #: 53218-5041-07

FID# 2-41-199530

Dear Ms. Larson,

At the request of the WDNR, a bid deferment (using Usual & Customary schedule of charges)/variance is being submitted for a drilling project, additional groundwater monitoring, and vapor sampling for the subject property located at 5507 West Hampton Avenue in Milwaukee, Wisconsin. The cost estimate will include: drilling project with the installation of one additional monitoring well near Geoprobe boring G-13 to approximately 15 feet bgs, conduct two quarterly groundwater monitoring events from all eight site monitoring wells (MW-1, -2, -3, -4, -5, -6, -7, and new well -8) for VOC/PVOC+Naphthalene analysis, install and sample two vapor sampling ports within the basement at 5433 West Hampton Avenue and one vapor sampling port within the basement at 5431 West Hampton Avenue and one 24-hour indoor air sample from each property for TO-15 analysis (VOC's), and report. The cost estimate for the above workscope is as follows:

Drilling Project	\$ 2,590.00
Survey	\$ 104.90
Groundwater monitoring (2 quarterly events)	\$ 2,300.40
Laboratory Analysis	\$ 668.00
Waste Disposal	\$ 650.70
Access Permission	\$ 382.80
Vapor Sampling (including analysis)	\$ 2,740.00 (variance)
Letter Report	\$ 989.80
Change Order Request	\$ 363.60
То	tal \$10,790.20

METCO is requesting a bid deferment/variance in the amount of \$10,790.20 to complete the above workscope. Upon state and client approval of the proposed workscope and budget, METCO will proceed with the project.

Attached are a bid summary for the subcontracted vapor sampling, Site Map with proposed monitoring well and sub-slab vapor sampling locations, and draft standardized invoice form for the remaining work scope as required. For further information regarding the site history and collected data, please see the *Site Investigation Report* dated 2/12/15.

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.

Can T. Powell

Sincerely,

Jason T. Powell Staff Scientist

Attachments

c: Melvin Kipp - Client

Vapor Sampling Cost Estimate (Subcontracted) Including TO-15 Analysis

Fehr Graham Engineering & Environmental \$2,400.00

SCS Engineers \$2,465.00

Braun Intertec \$3,071.90

METCO Project Management Costs for Sub-Slab Vapor Sampling (scheduling, preparation, coordination, and data reduction/analysis of vapor results): 4 hours @ \$85/hour = \$340

Commodity \$2,400 Consulting \$ 340

Total \$2,740

Usual and Customary Standardized Invoice #17 January 2015 - June 2015





 PECFA #:
 53218-5041-07
 Vendor Name:
 U&C Total
 \$8,050.20

 BRRT's #:
 03-41-543343
 Invoice #:
 U&C Total
 \$8,050.20

 Site Name:
 Kipp's Auto & Towing Service
 Invoice Date:
 Variance to U&C Total
 \$2,740.00

 Site Address:
 5507 West Hampton Ave, Milwaukee, WI
 Check #:
 Grand Total
 \$10,790.20

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	ТІМП	MAX UNIT COST	મુશામક	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$69.00	16	\$1,104.00
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$598.20	2	\$1,196.40
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$130.60	1	\$130.60
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$40.10	1	\$40.10
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$103.00	2	\$206.00
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$274.00	1	\$274.00
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$989.80	1	\$989.80
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$104.90	1	\$104.90
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$5.10	15	\$76.50
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$564.80	1	\$564.80
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$15.90	15	\$238.50
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$3.70	15	\$55.50
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$15.90	15	\$238.50
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$140.60	1	\$140.60
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$917.50	1	\$917.50
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$193.00	1	\$193.00
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$52.50	3	\$157.50
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$7.60	1	\$7.60
21	Access Agreements		AA05	Access Agreements	Property	\$382.80	1	\$382.80
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule	Lab Schedule	20	\$668.00
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$363.60	1	\$363.60
Variance Variance	Vapor Sampling from the two neigh	boring buildin	gs					\$2,740.00

Usual and Customary Standardized Invoice #17 January 2015 - June 2015





		TOTAL LAB CHARGES	\$668.00	TASK 33	20 \$6	68.00	TASK 24		0 \$-
MATRIX -	RIEF GOD	DE REIMBURSABLE ANALYTE	UNITS	MAX COST S	AMPLES TOT	TAL			
AIR	A1	Benzene	SAMPLE	\$42.80		\$-			
AIR	A2	BETX	SAMPLE	\$47.10		\$-			
AIR	A3	GRO	SAMPLE	\$43.90		\$-			
AIR	A4	VOC's	SAMPLE	\$68.50		\$-			
WATER	W1	GRO/PVOC	SAMPLE	\$27.80	****	\$-			
WATER	W2	PVOC	SAMPLE	\$25.70		\$-			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$41.70		\$-			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$28.90		62.40			
WATER	W5	VOC	SAMPLE	\$68.50	2 \$1	37.00			
WATER WATER	W6 W7	PAH Lead	SAMPLE SAMPLE	\$69.50		<u>\$-</u>			
WATER	W8	Cadmium	SAMPLE	\$11.80 \$12.90		\$- \$-			
WATER	W9	Hardness	SAMPLE	\$11.80					
WATER	W10	BOD, Total	SAMPLE	\$22.50		\$-			
WATER	W11	Nitrate	SAMPLE	\$10.70		\$-			
WATER	W12	Total Kjeldahl	SAMPLE	\$19.30		\$-			
WATER	W13	Ammonia	SAMPLE	\$16.10		\$-			
WATER	W14	Sulfate	SAMPLE	\$9.70		\$-			
WATER	W15	Iron	SAMPLE	\$9.70		\$-			
WATER	W16	Manganese	SAMPLE	\$9.70		\$-			
WATER	W17	Alkalinity	SAMPLE	\$9.70		\$-			
WATER	W18	methane	SAMPLE	\$43.90		\$-			
WATER	W19	Phosphorous	SAMPLE	\$17.20		\$-			
WATER	W20	VOC Method 524.2	SAMPLE	\$167.90		\$-			
WATER	W21	EDB Method 504	SAMPLE	\$90.90		\$- 1	MAX COST	SAMPLES	TOTAL
SOILS	S1	GRO	SAMPLE	\$23.60		\$-	\$23.60		\$-
SOILS	S2	DRO	SAMPLE	\$28.90		\$-	\$28.90		\$-
SOILS	S3	GRO/PVOC	SAMPLE	\$26.80		\$-	\$26.80		\$-
SOILS	S4	PVOC	SAMPLE	\$24.60		\$-	\$24.60		\$-
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$47.10		\$-	\$47.10		\$-
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$34.30	2 \$6	68.60	\$34.30		\$-
SOILS	S7	VOC	SAMPLE	\$68.50		<u>\$-</u>	\$68.50		\$-
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$48.20		\$- ©	\$48.20		\$-
SOILS SOILS	S9 S10	PAH	SAMPLE SAMPLE	\$69.50		<u>\$-</u>	\$69.50		\$- \$-
SOILS	S11	Lead Cadmium	SAMPLE	\$11.80 \$13.90		\$- \$-	\$11.80	SK 24 TOTAL	
SOILS	S12	Free Liquid	SAMPLE	\$10.70		\$-		3N 24 10 1 AL	egy sergees W \$4
SOILS	S13	Flash Point	SAMPLE	\$24.60		\$-			
SOILS	S14	Grain Size - dry	SAMPLE	\$40.70		\$-			
SOILS	S15	Grain Size - wet	SAMPLE	\$54.60		\$-			
SOILS	S16	Bulk Density	SAMPLE	\$12.90		\$-			
SOILS	S17	Permeability	SAMPLE	\$39.60		\$-			
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$19.30		\$-			
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$16.10		\$-			
SOILS	S20	% Organic Matter	SAMPLE	\$27.80		\$-			
SOILS	S21	TOC as NPOC	SAMPLE	\$54.60		\$-			
SOILS	S22	Soil Moisture Content	SAMPLE	\$6.50		\$-			
SOILS	S23	Air Filled Porosity	SAMPLE	\$24.60		\$-			
SOILS	S24	% Total Solids	SAMPLE	\$6.50		\$-			
SOILS	S25	Field Capacity	SAMPLE	\$26.80		\$-			
SOILS	S26	TCLP Lead	SAMPLE	\$79.20		\$-			
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$25.70		\$-			
SOILS	S28	TCLP Cadmium	SAMPLE	\$79.20		\$-			
SOILS	S29 LFPS01	TCLP Benzene Viscosity + Density Interfacial tension I (LNAPL/water [dyr Interfacial tension II (LNAPL/air [dyne/	SAMPLE SAMPLE	\$79.20 \$534.60	\$-	\$-			
		Interfacial tension III (water/air) [dyne/		TACK	33 TOTAL \$66	8 00			

TASK 33 TOTAL \$668.00

