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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
Total	\$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.

Sincerely,

A handwritten signature in black ink that reads "Jason T. Powell". The signature is written in a cursive style with a long horizontal stroke extending to the left.

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	<u>\$ 340</u>
Total	\$2,740

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



RR-043A

TOTAL LAB CHARGES \$668.00 TASK 33 20 \$668.00 TASK 24 0 \$-

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL			
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	16	\$462.40			
WATER	W5	VOC	SAMPLE	\$68.50	2	\$137.00			
WATER	W6	PAH	SAMPLE	\$69.50		\$-			
WATER	W7	Lead	SAMPLE	\$11.80		\$-			
WATER	W8	Cadmium	SAMPLE	\$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		\$-			
SOILS	S1	GRO	SAMPLE	\$23.60		\$-	MAX COST	SAMPLES	TOTAL
SOILS	S2	DRO	SAMPLE	\$28.90		\$-	\$23.60		\$-
SOILS	S3	GRO/PVOC	SAMPLE	\$26.80		\$-	\$28.90		\$-
SOILS	S4	PVOC	SAMPLE	\$24.60		\$-	\$26.80		\$-
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$47.10		\$-	\$24.60		\$-
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$34.30	2	\$68.60	\$47.10		\$-
SOILS	S7	VOC	SAMPLE	\$68.50		\$-	\$34.30		\$-
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$48.20		\$-	\$68.50		\$-
SOILS	S9	PAH	SAMPLE	\$69.50		\$-	\$48.20		\$-
SOILS	S10	Lead	SAMPLE	\$11.80		\$-	\$69.50		\$-
SOILS	S11	Cadmium	SAMPLE	\$13.90		\$-	\$11.80		\$-
SOILS	S12	Free Liquid	SAMPLE	\$10.70		\$-		TASK 24 TOTAL	\$-
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	TCLP Benzene	SAMPLE	\$79.20		\$-			
LNAPL	LFPS01	Viscosity + Density Interfacial tension I (LNAPL/water [dyne/cm]) Interfacial tension II (LNAPL/air [dyne/cm]) Interfacial tension III (water/air) [dyne/cm]	SAMPLE	\$534.60		\$-			
				TASK 33 TOTAL		\$668.00			

