METCO

Excellence through experience™

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COPY

March 28, 2016

Greg Michael
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

Subject: Chapman Oil Bulk Plant – Bid Deferment/Variance Request. (Revision #2)
BRRTS #: 02-68-215749, PECFA #: 53199-9998-14

Dear Mr. Michael,

A cost estimate (using Usual & Customary schedule of charges) is being submitted for additional soil investigation and excavation/disposal of contaminated soil at the subject property located at 314 Wisconsin Street in Eagle, Wisconsin. The workscope will include: [1] Prior to the excavation project conduct a Geoprobe Project with 12 borings to 4 feet bgs with two samples per boring for PAH analysis to confirm the extent of the soils exceeding the NR720 Direct Contact Values. [2] Excavation and disposal of approximately 2,000 tons (depending on results of additional soil sampling) of contaminated soil exceeding the NR720 Direct Contact RCLs (soils from ground surface to 4 feet below ground surface) due to the properties residential zoning. Confirmation soil samples (up to 28) will be collected along the sidewalls and bottom of the excavation for PAH analysis with select locations having PVOC analysis. [3] Well abandonment just prior to the excavation project (if approved by WDNR). [4] Prepare updated closure request with excavation project results. The cost estimate for the above scope of work is as follows:

Access Permission/Soil Boring Permit (2)	$ 803.88
Geoprobe Project	$ 1,688.54
Well Abandonment (cost previously approved)	$----------.--
Soil Excavation Disposal Project (Commodity)	$103,100.00 (Variance)
Soil Excavation Disposal Project (Consulting)	$ 6,059.36
Laboratory Analysis	$ 4,079.09
Updated Closure Request	$ 2,040.00
Change Order Request (2)	$ 763.56
Total	$118,534.43

METCO is requesting a bid deferment/variance in the amount of **$118,534.43.** Upon state approval of the proposed workscope and budget, METCO will proceed with the project.

Attached is a site layout map with the proposed additional Geoprobe boring locations and proposed excavation area, commodity cost estimate for excavation/disposal, 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: Rob Chapman – Client

Chapman Oil 314 Wisconsin Street Eagle WI

Mobilization	1	3500	3500
Excavate	2000	2.50	5000
Haul	2000	13.50	27000
Disposal	2000	23.50	47000
Fill	1600	8.00	12800
Rock	400	12.00	4800
Backfill & Compact	2000	1.50	3000
Total Price			**$103,100**

DKS Construction Services Inc.

2520 Wilson Street

Menomonie WI 54751

2-15-2016

Usual and Customary Standardized Invoice #19
January 2016 - June 2016

RR-058A

PECFA #: 53119-9998-14
BRRT's #: 02-68-215749
Site Name: Chapman Oil Bulk Plant
Site Address: 314 Wisconsin St., Eagle, WI

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

U&C Total	$15,434.43
Variance to U&C Total	$103,100.00
Grand Total	$118,534.43

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
5	Closure Request		CR05	Primary Closure Request	Submittal	$2,040.00	1	$2,040.00
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	$5.36	48	$257.28
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	$512.09	1	$512.09
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	$6.93	48	$332.64
12	Direct Push	Commodity	DP60	Borehole Abandonment	Ft	$1.26	48	$60.48
12	Direct Push	Commodity	DP80	Mob/Demob (Includes decon)	Ls	$526.05	1	$526.05
21	Access Agreements		AA05	Access Agreements	Property	$401.94	2	$803.88
24	Limited Soil Excavation	Consultant	LSE05	Consultant Oversight for Limited Soil Excavation	Ton	$2.50	2000	$5,000.00
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	2	$227.44
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule	Lab Schedule	63	$4,079.09
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	$381.78	2	$763.56
Variance Variance	Excavate, haul, dispose, backfill & compact approximately 2,000 tons of petroleum impacted soil exceeding NR720 Direct Contact RCLs							$103,100.00

Usual and Customary Standardized Invoice #19
January 2016 - June 2016

RR-058A

		TOTAL LAB CHARGES	$4,079.09	TASK 33	63	$4,079.09	TASK 24	0	$-

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	$44.94		$0.00
AIR	A2	BETX	SAMPLE	$49.46		$0.00
AIR	A3	GRO	SAMPLE	$49.10		$0.00
AIR	A4	VOC's	SAMPLE	$71.93		$0.00
WATER	W1	GRO/PVOC	SAMPLE	$29.19		$0.00
WATER	W2	PVOC	SAMPLE	$26.99		$0.00
WATER	W3	PVOC + 1,2 DCA	SAMPLE	$43.79		$0.00
WATER	W4	PVOC + Naphthalene	SAMPLE	$30.35		$0.00
WATER	W5	VOC	SAMPLE	$71.93		$0.00
WATER	W6	PAH	SAMPLE	$72.98		$0.00
WATER	W7	Lead	SAMPLE	$12.39		$0.00
WATER	W8	Cadmium	SAMPLE	$13.55		$0.00
WATER	W9	Hardness	SAMPLE	$12.39		$0.00
WATER	W10	BOD, Total	SAMPLE	$23.63		$0.00
WATER	W11	Nitrate	SAMPLE	$11.24		$0.00
WATER	W12	Total Kjeldahl	SAMPLE	$20.27		$0.00
WATER	W13	Ammonia	SAMPLE	$16.91		$0.00
WATER	W14	Sulfate	SAMPLE	$10.19		$0.00
WATER	W15	Iron	SAMPLE	$10.19		$0.00
WATER	W16	Manganese	SAMPLE	$10.19		$0.00
WATER	W17	Alkalinity	SAMPLE	$10.19		$0.00
WATER	W18	methane	SAMPLE	$46.10		$0.00
WATER	W19	Phosphorous	SAMPLE	$18.06		$0.00
WATER	W20	VOC Method 524.2	SAMPLE	$176.30		$0.00
WATER	W21	EDB Method 504	SAMPLE	$95.45		$0.00
SOILS	S1	GRO	SAMPLE	$24.78		$0.00
SOILS	S2	DRO	SAMPLE	$30.35		$0.00
SOILS	S3	GRO/PVOC	SAMPLE	$28.14		$0.00
SOILS	S4	PVOC	SAMPLE	$25.83	11	$284.13
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	$49.46		$0.00
SOILS	S6	PVOC + Naphthalene	SAMPLE	$36.02		$0.00
SOILS	S7	VOC	SAMPLE	$71.93		$0.00
SOILS	S8	SPLP Extraction VOC only	SAMPLE	$50.61		$0.00
SOILS	S9	PAH	SAMPLE	$72.98	52	$3,794.96
SOILS	S10	Lead	SAMPLE	$12.39		$0.00
SOILS	S11	Cadmium	SAMPLE	$14.60		$0.00
SOILS	S12	Free Liquid	SAMPLE	$11.24		$0.00
SOILS	S13	Flash Point	SAMPLE	$25.83		$0.00
SOILS	S14	Grain Size - dry	SAMPLE	$4.74		$0.00
SOILS	S15	Grain Size - wet	SAMPLE	$57.33		$0.00
SOILS	S16	Bulk Density	SAMPLE	$13.55		$0.00
SOILS	S17	Permeability	SAMPLE	$41.58		$0.00
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	$20.27		$0.00
SOILS	S19	Nitrogen as Ammonia	SAMPLE	$16.91		$0.00
SOILS	S20	% Organic Matter	SAMPLE	$29.19		$0.00
SOILS	S21	TOC as NPOC	SAMPLE	$57.33		$0.00
SOILS	S22	Soil Moisture Content	SAMPLE	$6.83		$0.00
SOILS	S23	Air Filled Porosity	SAMPLE	$25.83		$0.00
SOILS	S24	% Total Solids	SAMPLE	$6.83		$0.00
SOILS	S25	Field Capacity	SAMPLE	$28.14		$0.00
SOILS	S26	TCLP Lead	SAMPLE	$83.16		$0.00
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	$26.99		$0.00
SOILS	S28	TCLP Cadmium	SAMPLE	$83.16		$0.00
SOILS	S29	TCLP Benzene	SAMPLE	$83.16		$0.00
LNAPL	LFPS01	Viscosity + Density Interfacial tension I (LNAPL/water [dyr Interfacial tension II (LNAPL/air [dyne/ Interfacial tension III (water/air) [dyne/	SAMPLE	$561.33		$0.00
					TASK 33 TOTAL	$4,079.09