

REC'D WDNR/SER 04/08/09
BRATS 02-41-545142
FID 241 398630
ACTION: 35

Mylotta, Pamela A - DNR

From: Mary Trotta [mtrotta@thesigmagroup.com]
Sent: Wednesday, April 08, 2009 10:35 AM
To: Mylotta, Pamela A - DNR; mwilliam@reinhardt.com; Kristin Kurzka
Subject: Re: Master Drycleaning DERF Change Order

COMMENT: REVISED CHANGE
ORDER COST
ESTIMATE

Attachments: ChangeOrderCosts 2 DERF format.pdf



ChangeOrderCosts
2 DERF format...

Pam,

As requested, attached is the revised cost estimate for the activities detailed in our Change Order request dated December 30, 2008. As you mentioned in your e-mail, PECFA did not approve the costs to install a monitoring well down gradient of SMW-10. Although the primary purpose of the proposed PECFA monitoring well was to define the petroleum-related impact plume, Sigma also planned to utilize this well as a down/side gradient monitoring well for the DERF investigation of the Master Dry Cleaning site. Therefore the WDNR has requested that the monitoring well proposed down-gradient of SMW-10 be installed as a part of the DERF investigation. Subsequently, Sigma has included the costs associated with the well installation, development, and sampling activities of the additional down-gradient monitoring well in the attached cost estimate. As such, the proposed costs have increased from \$13,884 (December 2008 proposal, one off-site down gradient well) to \$15,181 (current cost estimate, two off-site down gradient wells).

Please call me or Kristin Kurzka with any questions.

Thank you,

Mary Trotta
Staff Scientist

Sigma Environmental Services, Inc.
1300 West Canal Street
Milwaukee, Wisconsin 53233

Direct: 414.643.4131
Main: 414.643.4200
Fax: 414.643.4210

----- Original Message -----

From: "Pamela A - DNR Mylotta" <Pamela.Mylotta@Wisconsin.gov>
To: mtrotta@thesigmagroup.com
Sent: Friday, March 20, 2009 4:22:40 PM GMT -06:00 US/Canada Central
Subject: Master Drycleaning DERF Change Order

Hi Mary,

Sorry for taking so long to respond to your change order. I was initially waiting for the LUST portion to be reviewed, then my immediate workload took over. Anyway, looking at it, I would be inclined to approve it, but need you to resubmit the cost estimate in the format we provide for bids. Also, I don't know how the Commerce letter affects the cost estimate you gave us in December. They aren't approving costs for a well down-gradient of SMW-10, but we still would like one for the DERF investigation, so you could put those costs into your DERF scope now. Thanks. I should be able to give you an approval quickly upon receiving your revised cost estimate.

Pam Mylotta

**DERF Change Order 2
Cost Summary**

Form 4400-233 (R 4/04) Page 2 of 6

Site Information

Site Name Master Dry Cleaning, Inc.

Consultant Name Sigma Environmental Services, Inc. Applicant Name

Bid Summary

Drilling Costs Total =	\$1,230.00
Analytical Costs Total =	\$2,846.00
Consulting Costs Total =	\$8,770.00
Misc Costs Total =	\$2,335.00
Grand Total =	\$15,181.00

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature _____ Date _____

Please attach to these forms a written narrative specifying how the tasks outlined in these sheets will be performed.

Drilling Costs						
Task	Interval	Number of Borings or Wells	Number of Days	Total Number Feet Drilled	Cost/feet, Day or Well	Total Cost
Well installation and Completion						
Well Construction	0 ft to 20 ft	2	1	30	\$11.00	\$330.00
Piezometer	0 ft to 35 ft					\$0.00
	__ ft to __ ft					
	> __ ft					
Decontamination Costs		Lump Sum				\$100.00
Mobilization Costs		Lump Sum				\$250.00
Auger Borings (continuous sampling)						
Well Drilling	0 ft to 20 ft	2	1	30	\$11.00	\$330.00
Piezometer	0 ft to 35 ft					\$0.00
	__ ft to __ ft					
	> __ ft					
Decontamination Costs						
Mobilization Costs						
Auger Borings (specify split spoon sampling interval)						
	__ ft to __ ft					
	__ ft to __ ft					
	__ ft to __ ft					
	> __ ft					
Decontamination Costs						
Mobilization Costs						
Direct Push Borings (per point)						
Geoprobe	< __ ft depth				\$6.50	\$0.00
Temporary Well	__ ft - __ ft depth					
Abandonment	> __ ft depth					
Decontamination Costs						
Mobilization Costs						
Well Development (if done by subcontractor)						
	Monitoring Wells					
	Piezometers					
	Recovery Wells					
Other						
Drums		2	each		\$35.00	\$70.00
Flush Mount Covers		2	each		\$75.00	\$150.00
Protector Pipes						
Temporary Wells	0 - 20 feet		each		\$4.00	\$0.00
Borehole Abandonment (Geoprobe)	0 - 20 feet		each		\$0.50	\$0.00
Total Drilling Costs						\$1,230.00

Sigma Environmental Services, Inc.
 Master Dry Cleaning, Inc.
 BRRTS #: 02-41-545142
 Date: April 8, 2009

DERF Change Order 2
Analytical Costs

Form 4400-233 (R 4/04) Page 4 of 6

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			Total Costs
	\$/sample	# samples	Method Used	\$/sample	# samples	Method Used	\$/Sample \$/Day	# Samples # Days	Method Used	
Solids Analysis										
VOCs										\$0.00
TCLP										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses										\$0.00
Blank Analyses										\$0.00
Other: (Specify) TOC										\$0.00
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)										
VOCs	\$55	2								\$110.00
Nitrate*										\$0.00
Dissolved Oxygen*										\$0.00
Temperature*										\$0.00
Ferrous Iron*										\$0.00
Sulfate*										\$0.00
Sulfide*										\$0.00
ORP*										\$0.00
pH*										\$0.00
TOC*										\$0.00
Alkalinity*										\$0.00
Chloride*										\$0.00
Spec. Conductance*										\$0.00
Ethene/Ethane/Methane*										\$0.00
Hydrogen*										\$0.00
Carbon Dioxide*										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses VOC										\$0.00
Blank Analyses VOC										\$0.00
Other: (Specify)										\$0.00
Air Analysis										
VOCs	\$228	12								\$2,736.00
TCE										\$0.00
PCE (minimum detection limit is <10 ppbv)										\$0.00
Other: (Specify)										\$0.00
Waste Analyses (soil/water)										
										\$0.00
										\$0.00
Miscellaneous (specify)										
										\$0.00
										\$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										\$2,846.00

* Natural Attenuation parameters required for consideration of NA as remedy.

Position (specify)	Hourly Rate	Hours/Task														Other (specify)			Total Costs	
		Workplan Development	Access	Receptor Survey	Waste Determination	Drilling Oversight	Soil Sampling	Drilling sampling	Well Development	Hydraulic Conductivity Test	Groundwater sampling	Soil gas/vapor intrusion survey	SSRCL calculations (contained out or remedial actions)	SI Report preparation	RAOR Report preparation	Project Management	Data Tabulation	Data Evaluation		
Professional Staff																				
Sr. Project Manager	\$140													3		2			\$700.00	
Project Manager	\$105																		\$0.00	
Engineer	\$125		5											5		2			\$1,500.00	
Staff Geo/Engineer	\$75		20					1		1				15		5	2		\$3,300.00	
																			\$0.00	
Field Staff																				
Staff Geo/Engineer	\$75					8												20	\$2,100.00	
Technician	\$65							5		3									\$520.00	
CADD Technician	\$70													5					\$350.00	
																			\$0.00	
																			\$0.00	
																			\$0.00	
Office Support Staff																				
Administrative	\$50													4			2		\$300.00	
																			\$0.00	
																			\$0.00	
																			\$0.00	
																			\$0.00	
Total Consulting Costs																			\$8,770.00	

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
IDW (soil)	Non-Hazardous	drum	\$90.00	2	\$180.00
Transportation (soil)	Non-Hazardous	trip	\$345.00	1	\$345.00
IDW (groundwater)	Hazardous	drum	\$147.00	1	\$147.00
Transportation (groundwater)	Hazardous	trip	\$20.00	1	\$20.00
IDW (groundwater)	Non-Hazardous	gallon	\$0.40	100	\$40.00
Transportation (groundwater)	Non-Hazardous	trip	\$40.00	1	\$40.00
Equipment Rental (list and include shipping costs if applicable)					
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Field Supplies (list)					
Mileage		miles	N/C		\$0.00
PID		per day	\$70.00	1	\$70.00
Bailers		per unit	\$17.00	4	\$68.00
Water Level Meter	DO/WL/Temp/pH	per day	\$100.00	0.5	\$50.00
Drums		per unit	\$25.00	1	\$25.00
Vapor sampling supplies		per structure	\$200.00	4	\$800.00
Surveying					
Site Survey / Wells	estimated	Lump sum			\$400.00
					\$0.00
Personal Protection Equipment (list)					
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Sample Shipping Costs					
					\$0.00
					\$0.00
					\$0.00
Other (specify)					
ROW permit		per permit	\$150.00	1	\$150.00
					\$0.00
					\$0.00
Total Miscellaneous Costs					\$2,335.00

Reminders: DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimbursable. No expedited shipping w/o prior PM approval.