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December 5, 2012

Ms. Andrea Indelicato
Contract Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway
Albany, New York 12233-7012

PROJECT: NYSDEC Standby Contract No. D007621
Work Assignment No.: D007621-11
Former Paul Miller Dry Cleaners

Dear Ms. Indelicato:

Camp Dresser McKee & Smith (CDM Smith) is pleased to submit our revised scope of work and budget for above referenced work assignment as requested by the NYSDEC.

The cost estimate provided by the NYSDEC was \$13,008. CDM Smith has prepared a cost estimate of \$58,905. The significant differences are as follows:

- The Feasibility Study report is carried over from the previous work assignment. Hours to complete the report are included as Task 5.
- Reporting for the vapor intrusion samples was not included in the cost estimate.
- Duration of the field investigation was underestimated. Vapor samples require one day to deploy the canisters and one day to collect them. CDM Smith also assumes a 2 person field crew for health and safety and liability reasons.
- QA/QC samples, field blanks and trip blanks are not included in the laboratory subcontract estimate.
- Data management for the vapor intrusion sampling was not included in the estimate.





Ms. Indelicato
December 5, 2012

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Attached to this letter are Schedule 1 – Scope of Work that provides a detailed description and level of effort needed to complete each task in the work assignment, Schedule 2 - 2.11 Cost Schedules, and the Work Assignment Package Checklist.

If you have any questions, or need additional information, please call me at 732-590-4674.

Very truly yours,

A handwritten signature in black ink that reads "Seth Kellogg". The signature is fluid and cursive, with the first name "Seth" and last name "Kellogg" clearly distinguishable.

Seth Kellogg P.G.
Senior Project Manager
Camp Dresser & McKee

Attachments: Schedule 1 – Scope of Work
Schedule 2 – 2.11 Cost Schedules
Cost Review Checklist

cc: K. Sarnowicz, NYSDEC
D. Durfee, CDM Smith
File

Schedule 1

Former Paul Miller Dry Cleaners - (NYSDEC Site No. 2-43-018) Scope of Work

Background

Located at 1465 Forest Avenue, Port Richmond, NY the former Paul Miller Dry Cleaners site occupies a 0.4 acre parcel in a commercial area in the Forest Avenue Shopping Center. The former dry cleaner building is currently occupied by a restaurant known as "Building A." The site is relatively flat with its surface area covered with concrete and/or asphalt. Review of the USGS Arthur Kill Quadrangle map indicates that ground surface elevations range from approximately 30 to 33 feet above mean sea level.

Only minor historical operations information for the former Paul Miller Dry Cleaners is available at the time of this writing. Information from the 2006 Leggette, Brashears & Graham, Inc. (LBG) "Remedial Investigation Report for the former Charlton Cleaners Facility," provided by NYSDEC, indicates that the former Paul Miller Dry Cleaners facility appears in the City Directory (EDR) from 1960 to 1995.

In 1994, the owner of the Forest Avenue Shopping Center conducted an environmental investigation at the former Paul Miller site. Subsequently, in May 2000, NYSDEC retained Lawler, Matusky & Skelly Engineers LLP (LMS) to conduct an Immediate Investigation Work Assignment (IIWA) of the former Paul Miller site. The objectives of the IIWA were to determine groundwater flow in the vicinity of the site, identify the nature and extent of groundwater contamination as related to historic site activities, and to assess whether residual hazardous waste poses a threat to public health or the environment.

The site is relatively flat with its surface area covered with concrete and/or asphalt. Review of the USGS Arthur Kill Quadrangle map indicates that ground surface elevations range from approximately 30 to 33 feet above mean sea level.

The site is located within the Atlantic Coastal Plain Physiographic Province. A history of coastal submergence and emergence spanning the Cretaceous Period, significant differential erosion during the Cenozoic, and glaciation during the Quaternary Period is reflected in the present day geology of Staten Island.

As identified in The glacial geology of New York City and Vicinity by Sanders and Merguerian (1994), at the site the Newark Supergroup (approximately 120 feet below ground surface at this location) is unconformably overlain by the Harbor Hill formation, a widespread Quaternary ground moraine deposits comprised of reddish-brown glacial till and outwash. This unconsolidated sequence is representative of the subsurface materials that immediately underlie the site.

No groundwater contour map was constructed during the LMS IIWA; difficulty was encountered in determining groundwater flow. Initial CDM review of LMS boring logs revealed that the subsurface materials at the site consist of the unsorted sands, silts, clays, gravel and boulders that are characteristic of the Harbor Hill formation. The deposit in the area of the site is approximately 100 to 150 feet thick. Groundwater in these deposits occurs under water-table or confined conditions depending on the nature of the subsurface at any given location. Based on review of USGS Report 87-

4048, Geologic and Geohydrologic Reconnaissance of Staten Island, New York, the general flow of groundwater in the unconsolidated glacial till is to the northwest-north towards Kill van Kull, locally, and according to discussions with NYSDEC, groundwater flow may be in a northerly direction. From the LMS investigation groundwater (or potentially perched water-bearing intervals) is expected to be encountered at depths between four and nine feet below grade. Planned work for this investigation is expected to yield more specific information on groundwater flow direction.

The consolidated rock units of the Newark Supergroup and the overlying unconsolidated deposits are hydraulically connected, and groundwater flows both vertically and horizontally within. However, the majority of the groundwater flows occurs within the glacial unconsolidated deposits due to its greater hydraulic conductivities.

Scope of Work

Task 1 – Preliminary Activities

This task includes the labor needed for developing the preliminary and final scope and budget (Schedule 2.11s), project meetings, project management and administration costs for 2012 and 2013.

Task 2 – Vapor Intrusion Sampling

This task includes the labor and subcontractor support to complete the vapor monitoring at buildings adjacent to the site. This Task will include mobilization, indoor and sub-slab vapor samples, and demobilization.

Mobilization and Demobilization

Mobilization will include ordering, receiving, and staging field equipment and marking all field work locations with stakes or flags and/or marking paint. Demobilization will include the complete restoration of any damage caused by site access, and/or site sampling.

Vapor Intrusion Sampling

Vapor intrusion sampling will be conducted at up to two commercial structures, collecting two sub-slab, two indoor, and one outdoor air sample at each location;

A sub-slab soil vapor sample will be collected by coring through the concrete slab or using an existing port and performing leak detection by Helium tracer test. An indoor air sample and an outdoor air sample will also be collected. Each Vapor sample will be collected using 6-Liter Summa Canisters equipped with a 24-hour regulator.

Samples will be sent to Test America for analysis of VOCs by EPA Method TO-15. One blind duplicate sample for the sub-slab and indoor air will also be collected and submitted for analysis. All samples will be analyzed by a NYSDOH approved ELAP certified laboratory. A NYSDEC ASP Category B data deliverable will be provided for these analyses. All samples run for laboratory analysis will be validated in accordance with NYSDEC Data Usability Summary Report (DUSR) guidance by a party that is independent of the laboratory that performed the analyses and CDM Smith. A usability analysis will be conducted by a qualified data validator and a DUSR will be submitted to the NYSDEC.

Task 3 – Data Management

CDM Smith has included a task for data management. Data collected during the vapor intrusion sampling will be entered into an EDD for the Site. This will include the following items:

- Sample Collection Data
- Vapor Sampling Data

Task 4 – Technical Memorandum

This task includes the effort to reduce, tabulate, and evaluate the data collected during Task 2. This data will be submitted to NYSDEC in the form of a memorandum. CDM Smith assumes that there will be a draft and a final memorandum produced. The memorandum will be submitted electronically via e-mail.

Task 5 – Feasibility Study Report

Under this task, the Draft and Final Feasibility Study Reports will be completed. Technologies have been evaluated and alternatives have been developed and screened qualitatively against three criteria: effectiveness, implementability, and relative cost under the previous work assignment. A range of alternatives was developed that consider both standard and innovative remedial technologies for treatment of contaminated vapors, soil, and groundwater.

Two copies of a draft Feasibility Study (FS) Report documenting the work conducted and presenting the results of the sample analysis will be submitted by CDM Smith to NYSDEC and NYSDOH for review and comment. CDM Smith shall revise the draft FS Report based on the comments from NYSDEC and print the requested number of copies. The final FS Report; text, tables, maps, photos, etc., will be submitted as a single .pdf file. All electronic files will be submitted to NYSDEC on a compact disc or via e-room.

Task 6 – Public Meeting Assistance and PRAP Support

CDM will provide support for public meeting and technical support for the preparation of the PRAP and ROD. This task includes 1 trip to the site for the public meeting for the project manager and the project engineer.

Project Schedule - Former Paul Miller Dry Cleaners

Task	Schedule	Duration
Task 1 - Preliminary Activities	November 2012 to September 2013	10 months
Task 2 - Vapor Intrusion Sampling		
Mobilization	December 2012	1 day
Vapor Intrusion Sampling	December 2012	1 day
Demobilization	December 2012	3 days
Task 3 - Data management		
Produce EDD	March 2013	2 weeks
Task 4 - Memorandum		
Draft Memorandum	March 2013	4 weeks
Final Memorandum	May 2013	2 weeks
Task 5 - Feasibility Study		
Draft	December 2012	2 weeks
Final	January 2013	2 weeks
Task 6 - Public Meeting Assistance and PRAP Support	June 2013	1 month

Schedule 2.11(a)
Summary of Work Assignment Price
Work Assignment No. D007621-11
Site No. 243018

1) Direct Salary Costs (Schedule 2.10(a) and 2.11(b))	\$17,987.62
2) Indirect Costs (Schedule 2.10(g))	<u>\$29,330.62</u>
3) Direct Non-Salary Costs (Schedule 2.10(b, c), and 2.11(c))	<u>\$5,323.25</u>
4) Subcontract Costs	
Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(d))	
<u>Name of Subcontractor</u>	<u>Services Performed</u>
i)	
ii)	
iii)	
iv)	
A) Total Cost-Plus-Fixed-Fee Subcontracts	<u>\$0.00</u>
Unit Price Subcontracts (Schedule 2.10(f) and 2.11(e))	
<u>Name of Subcontractor</u>	<u>Services Performed</u>
i) Test America	Laboratory
ii) Data Validation Services	Data Validation - WBE
B) Total Unit Price Subcontracts	<u>\$2,460.50</u>
C) Subcontract Management Fee	<u>\$18.03</u>
D) Total Subcontract Costs (lines 4A + 4B + 4C)	<u>\$2,478.53</u>
5) Fixed Fee (Schedule 2.10(h))	<u>\$3,785.46</u>
6) Total Work Assignment Price (Lines 1 + 2 + 3 + 4D + 5)	<u>\$58,905.48</u>

Engineer/Contract # - CDM Smith/D007621
Project Name - Former Paul Miller Dry Cleaners
Work Assignment No. - 007621-11

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Hours	Total Costs
Year 2012	Hours	\$72.51	Hours	\$62.10	Hours	\$54.93	Hours	\$47.18	Hours	\$40.77	Hours	\$35.78	Hours	\$30.44	Hours	\$26.24	Hours	\$20.79		
Task 1 - Preliminary Activities	0	\$0.00	4	\$248.40	0	\$0.00	60	\$2,830.80	0	\$0.00	12	\$429.36	0	\$0.00	0	\$0.00	0	\$0.00	76	\$3,508.56
- Task 1 Administrative	2	\$145.02	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	2	\$41.58	4	\$186.60
Task 2 - Vapor Intrusion Sampling	0	\$0.00	2	\$124.20	0	\$0.00	4	\$188.72	0	\$0.00	24	\$858.72	0	\$0.00	32	\$839.68	0	\$0.00	62	\$2,011.32
Subtotal Hours	2		6		0		64		0		36		0		32		2		142	
Subtotal Cost	\$145.02		\$372.60		\$0.00		\$3,019.52		\$0.00		\$1,288.08		\$0.00		\$839.68		\$41.58		\$5,706.48	

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Hours	Total Costs
Year 2013	Hours	\$74.69	Hours	\$63.96	Hours	\$56.58	Hours	\$48.60	Hours	\$41.99	Hours	\$36.85	Hours	\$31.35	Hours	\$27.03	Hours	\$21.41		
Task 1 - Preliminary Activities	0	\$0.00	0	\$0.00	0	\$0.00	16	\$777.53	0	\$0.00	0	\$0.00	0	\$0.00	16	\$432.44	0	\$0.00	32	\$1,209.96
- Task 1.1 Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	2	\$42.83	2	\$42.83
Task 3 - Data Management	0	\$0.00	4	\$255.85	0	\$0.00	4	\$194.38	0	\$0.00	0	\$0.00	32	\$1,003.30	0	\$0.00	0	\$0.00	40	\$1,453.54
Task 4 - Technical Memorandum																				
Task 4.1 - Draft Memorandum - Direct Labor	0	\$0.00	8	\$511.70	0	\$0.00	12	\$583.14	0	\$0.00	48	\$1,768.96	0	\$0.00	0	\$0.00	0	\$0.00	68	\$2,863.81
- Task 4.1 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$85.65	4	\$85.65
Task 4.2 - Final Memorandum - Direct Labor	0	\$0.00	4	\$255.85	0	\$0.00	4	\$194.38	0	\$0.00	24	\$884.48	0	\$0.00	0	\$0.00	0	\$0.00	32	\$1,334.72
- Task 4.2 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	2	\$42.83	2	\$42.83
Task 5 - Feasibility Study Report																				
Task 5.1 - Draft FS Report - Direct Labor	0	\$0.00	8	\$511.70	0	\$0.00	8	\$388.76	0	\$0.00	48	\$1,768.96	0	\$0.00	0	\$0.00	0	\$0.00	64	\$2,669.43
- Task 5.1 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$85.65	4	\$85.65
Task 5.2 - Final FS Report - Direct Labor	0	\$0.00	4	\$255.85	0	\$0.00	4	\$194.38	0	\$0.00	16	\$589.65	0	\$0.00	0	\$0.00	0	\$0.00	24	\$1,039.89
- Task 5.2 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	2	\$42.83	2	\$42.83
Task 6 -Public Meeting Assistance and PRAP Support																				
Task 6.1 - Public Meeting Assistance and PRAP Support - Direct Labor	0	\$0.00	0	\$0.00	0	\$0.00	16	\$777.53	0	\$0.00	16	\$589.65	0	\$0.00	0	\$0.00	0	\$0.00	32	\$1,367.18
- Task 6.2 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	2	\$42.83	2	\$42.83
Subtotal Hours	0		28		0		64		0		152		32		16		16		308	
Subtotal Cost	\$0.00		\$1,790.96		\$0.00		\$3,110.11		\$0.00		\$5,601.72		\$1,003.30		\$432.44		\$342.62		\$12,281.14	
Total Administrative	2	145.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	\$ 384.20	20	\$529.22
Total All Hours	2		34		0		128		0		188		32		48		18		450	
Total All Cost	\$145.02		\$2,163.56		\$0.00		\$6,129.63		\$0.00		\$6,889.80		\$1,003.30		\$1,272.12		\$384.20		\$17,987.62	

Schedule 2.11 (c)
Direct Non-Salary Costs
(Includes Equipment and Consumables)
Work Assignment No. D007621-11

Item	Max Reimbursement Rate (Specify Unit)	Est. # of Units	Total Estimated Cost
<u>A) Non-Salary Costs</u>			
1) Shipping - Fed Ex (office)	LS	1	\$500.00
2) Shipping - Fed Ex (Field)	LS	1	\$1,750.00
3) Prints/Copies	LS	1	\$1,000.00
		Subtotal	\$3,250.00

A) Rental Equipment

1) MiniRae	Week	\$121.00	1	\$121.00
2) Combustible Gas Indicator	Week	\$ 90.75	1	\$90.75
			Subtotal	\$211.75

Item	Max Reimbursement Rate (Specify Unit)	Est. # of Units	Total Estimated Cost
<u>C) Miscellaneous (Meals, Lodging, Mileage, LVE)</u>			
1) lodging	\$295.00 /night	4	\$1,180.00
2) meals per diem	\$71.00 /day	4	\$284.00
3) mileage	\$0.555 /mile	500	\$277.50
4) LVE	\$1.00 /hour	60	\$60.00
5) PPE	\$10.00 /day/person	6	\$60.00
		Subtotal	\$1,861.50

Total Direct Non-Salary Costs	\$5,323.25
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Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-11
2013

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Management Fee</u>	<u>MBE/WBE</u>
Data Validation Services	Data Validation	\$361	\$18.03	WBE

<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
<u>Laboratory Analysis</u>				
<u>Soil Vapor</u>				
TCL VOCs	\$ 25.75	Sample	14	\$ 360.50
Subtotal				\$360.50
Subtotal-Subcontract Price				\$360.50
Management Fee (5%)				\$18.03
Prices include 3% CPI increase on 2012 rates				\$378.53
Total Cost				\$378.53

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Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-11
2012

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Management Fee</u>	<u>MBE/WBE</u>
Test America	Laboratory	\$2,100	\$0.00	
<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
<u>Laboratory Analysis</u>				
<u>Soil Vapor</u>				
TO-15 VOCs - Soil Vapor	\$ 150.00	Sample	8	\$ 1,200.00
TO-15 VOCs - Soil Vapor (Duplicate+MS+MSD)	\$ 150.00	Sample	2	\$ 300.00
<u>Blank</u>				
TO-15 VOCs	\$ 150.00	Sample	2	\$ 300.00
<u>Ambient Air Blank</u>				
TO-15 VOCs	\$ 150.00	Sample	2	\$ 300.00
			Subtotal	\$2,100.00
Subtotal-Subcontract Price				\$2,100.00
Management Fee (5%)				\$0.00
			Total Cost	\$2,100.00

NYSDEC ASP Category B reporting deliverable with EDD
Standard turnaround time

Schedule 2.11(f) - Summary
Monthly Cost Control Report
Summary of Fiscal Information

Engineer: CDM Smith
Task #/Name: Summary
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$17,987.62	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$29,330.62	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$47,318.24	\$0.00
4. Travel				\$0.00		\$0.00	\$1,861.50	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$3,461.75	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$5,323.25	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$2,460.50	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$18.03	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$55,120.02	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$3,785.46	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$58,905.48	\$0.00

Schedule 2.11(f)
Monthly Cost Control Report
Summary of Fiscal Information

Engineer: CDM Smith
Task #/Name: Task 1 - Preliminary Activities
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$4,947.95	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$8,068.13	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$13,016.07	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$13,016.07	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$1,041.29	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$14,057.36	\$0.00

Schedule 2.11(f)
Monthly Cost Control Report
Summary of Fiscal Information

Engineer: CDM Smith
Task #/Name: Task 2 - Vapor Intrusion Sampling
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$2,011.32	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$3,279.66	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$5,290.98	\$0.00
4. Travel				\$0.00		\$0.00	\$1,861.50	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$3,461.75	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$5,323.25	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$2,100.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$12,714.23	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$423.28	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$13,137.51	\$0.00

Schedule 2.11(f)
Monthly Cost Control Report
Summary of Fiscal Information

Engineer: CDM Smith
Task #/Name: Task 3 - Data Management
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$1,453.54	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$2,370.14	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$3,823.67	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$360.50	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$18.03	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$4,202.20	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$305.89	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$4,508.09	\$0.00

Schedule 2.11(f)
Monthly Cost Control Report
Summary of Fiscal Information

Engineer: CDM Smith
Task #/Name: Task 4 - Technical Memorandum
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$4,327.01	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$7,055.62	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$11,382.63	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$11,382.63	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$910.61	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$12,293.24	\$0.00

Schedule 2.11(f)
Monthly Cost Control Report
Summary of Fiscal Information

Engineer: CDM Smith
Task #/Name: Task 5 - Feasibility Study Report
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$3,837.80	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$6,257.92	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$10,095.72	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$10,095.72	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$807.66	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$10,903.38	\$0.00

Schedule 2.11(f)
Monthly Cost Control Report
Summary of Fiscal Information

Engineer: CDM Smith

Task #/Name: Task 6 -Public Meeting Assistance and PRAP Support

Complete:

Date Prepared:

Contract No.: D007621

Project Name: Former Paul Miller Dry Cleaners

Work Assignment No.: D007621-11

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$1,410.01	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$2,299.16	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$3,709.17	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$3,709.17	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$296.73	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$4,005.90	\$0.00

**Schedule 2.11(f) - Supplemental
Cost Control Report for Subcontracts**

Engineer: CDM Smith
Task #/Name: Supplemental
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

Subcontractor Name	A	B	C	D	E	F	G	H
	Subcontract Costs Claimed this Period	Subcontract Costs Paid to Date	Total Subcontract Costs Disallowed to Date	Total Subcontract Costs Incurred to Date (A+B-C)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date
1. Data Validation - Data Validation Services - WBE					\$360.50	\$18.03		
2. Laboratory - Test America					\$2,100.00	\$0.00		
Totals					\$2,460.50	\$18.03		

Notes:

- Costs listed in Columns A, B, C, & D do not include any management fee costs.
- Management fee is applicable to only properly procured, satisfactorily completed, M/WBE or unit price subcontracts over \$10,000.

Schedule 2.11(g)
Monthly Cost Control Report
Summary of Labor Hours

Number of Direct Labor Hours Expended to Date/Estimated Number of Direct Labor Hours to Completion

Engineer: CDM Smith
Task #/Name: Labor Summary
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Former Paul Miller Dry Cleaners
Work Assignment No.: D007621-11

NSPE Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Labor Hours
	Exp./Est.	Exp./Est.	Exp./Est.	Exp./Est.	Exp./Est.	Exp./Est.	Exp./Est.	Exp./Est.	Exp./Est.	Exp./Est.
Task 1 - Preliminary Activities	0 / 2	0 / 4	0 / 0	0 / 76	0 / 0	0 / 12	0 / 0	0 / 16	0 / 4	0 / 114
Task 2 - Vapor Intrusion Sampling	0 / 0	0 / 2	0 / 0	0 / 4	0 / 0	0 / 24	0 / 0	0 / 32	0 / 0	0 / 62
Task 3 - Data Management	0 / 0	0 / 4	0 / 0	0 / 4	0 / 0	0 / 0	0 / 32	0 / 0	0 / 0	0 / 40
Task 4 - Technical Memorandum	0 / 0	0 / 12	0 / 0	0 / 16	0 / 0	0 / 72	0 / 0	0 / 0	0 / 6	0 / 106
Task 5 - Feasibility Study Report	0 / 0	0 / 12	0 / 0	0 / 12	0 / 0	0 / 64	0 / 0	0 / 0	0 / 6	0 / 94
Task 6 - Public Meeting Assistance and PRAP Support	0 / 0	0 / 0	0 / 0	0 / 16	0 / 0	0 / 16	0 / 0	0 / 0	0 / 2	0 / 34
Total Hours	0 / 2	0 / 34	0 / 0	0 / 128	0 / 0	0 / 188	0 / 32	0 / 48	0 / 18	0 / 450

2012

Item	Test America			Spectrum			Con-Test (WBE)		
	Rate	Quantity	Total Cost	Rate	Quantity	Total Cost	Rate	Quantity	Total Cost
<u>Laboratory Analysis</u>									
VOC Soil Vapor - TO-15	\$ 150.00	14	\$ 2,100.00	\$ 195.00	14	\$ 2,730.00	\$ 195.00	14	\$ 2,730.00
		Subtotal	\$ 2,100.00		Subtotal	\$ 2,730.00		Subtotal	\$ 2,730.00

Standby Engineering Contract Work Assignment Package Checklist

Contracts Executed After 2010 (D007617 - D007626)

Contractor Name: CDM**Date: November 26, 2012****WA No. and Name: D007621-11/Former Paul Miller Dry Cleaners****Reviewer:**

	WORK ASSIGNMENT PACKAGE	Yes	No	Comments
	Includes a cover letter, completed WA Package checklist, Scope of Work (Schedule 1), Budget (Schedule 2.11(a)-(g)), relevant subcontractor documentation, and an M/WBE Utilization Plan.	X		
1	Cover Letter			
	Provides explanation for significant differences between the costing tool report and the scope of work and budget submitted.	X		
	For amendments, provides an explanation of changes in scope of work and/or budget by task. Includes total dollar value of amendment being requested.			NA
2	Schedule 1 (Scope of Work)			
	Includes breakdown of tasks and subtasks.	X		
	Tasks in the scope of work match the tasks in the Schedule 2.11s.	X		
	Includes schedule for completion of tasks.	X		
	Duration of anticipated work does not exceed 24 months. (Work subsequent to that should be part of a future amendment or new work assignment.)	X		
	For amendments, includes new and previous tasks for a comprehensive scope of work.			NA
3	Schedule 2.11(b) - Direct Labor Costs			
	Average reimbursement rates are used for each year. Future years escalate 3%.	X		
	Hours are segregated by year.	X		
	Total cost for each NSPE level is shown.	X		
	Total direct labor cost matches amount on Schedule 2.11(a).	X		
	The Principal's (NSPE IX) labor hours budgeted for WA are less than 2% of the total.	X		
	Direct Administrative Labor Hours - is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	X		
	Total labor hours match hours on Schedule 2.11(g).	X		
4	Schedules 2.11(c) - Direct Non-Salary Costs, Equipment and Consumables, Miscellaneous			
	Rates listed in Schedule 2.11(c) are consistent with contract.	X		
	Rates for in-house and/or misc. costs match contract Schedule 2.10(b) or 2.10(c).			NA
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR.	X		
	Quotes are included for any non-contract items (<u>including</u> consultant-owned equipment; equipment purchases and rentals; <u>excluding</u> air fare) greater than \$1k. If sufficient number of quotes are unavailable, an engineer's estimate is provided. The low quote has been selected.	X		
	Site-dedicated equipment is identified as such and meets the requirements above.			NA
	Appropriate lodging/per diem/mileage rates are used.	X		
	Direct non-salary items are reasonable based on the scope of work (no. of field days, lodging, and field equipment usage).	X		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	X		
5	Schedule 2.11(d) - Cost-plus-fixed-fee Subcontracts	Yes	No	Comments

	Proposed subcontractor is a DER-approved standby subcontractor for the firm. Subcontract is active and rates match the approved standby subcontract.	X		
	Proposed subcontractor is not a DER-approved standby subcontractor for the firm, but appropriate documentation was submitted to determine cost reasonableness.			
	• Rates match rates approved for that subcontractor under a different engineering firm.			NA
	• Rates are determined reasonable by other means and ICR is approved by CPS accountant.			NA
	A breakdown of direct labor and direct non-salary costs is provided.	X		
	Use of subcontractor is appropriate and justified	X		
	Subcontract Solicitation Record and Certification form has been submitted.	X		
	Total subcontract costs match amounts on Schedule 2.11(a).	X		
6	Schedule 2.11(e) - Unit Price Subcontracts			
	There are quotes for non-standby subcontracts >\$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.			NA
	<i>Standby Drillers</i> (Two phase process) - Quotes from all standbys are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected. Explanation for declinations has been provided.			NA
	<i>Standby Labs and Data Validators</i> (rotate use) - Unit costs match those in contract(s).	X		
	<i>M/WBE</i> - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by an engineer's estimate or other cost comparison.			NA
	Cost reasonableness of single/sole source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).			NA
	Placeholders are used only for non-standby subcontractors and are justified.			NA
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.			NA
	Correct contract management fee is calculated only on non-professional unit priced subs >\$10k and M/WBE firms from \$1. (Management fee is not allowed on professional engineering firms, architects, or surveyors unless the contract specifically allows it.)	X		
	Use of subcontractors is appropriate and justified.	X		
	Subcontract Solicitation Record and Certification form(s) have been submitted.	X		
	Total subcontract costs match the amounts on Schedule 2.11(a).	X		
7	Schedule 2.11(f) - Cost Control Report			
	Individual 2.11(f)s equal Summary 2.11(f) and costs match those on 2.11(a).	X		
8	Schedule 2.11(f) - Supplemental - Cost Control Report (subcontractors)			
	Includes all applicable subcontracts and management fees (for unit price only).	X		
9	Schedule 2.11(a)			
	Rates for indirect costs and fixed fee match contract rates.	X		
	All numbers rolled up into Schedule 2.11(a) add up.	X		

rev. 1/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

Contract/WA No. D007621-11 Site/Spill Number 213018

Site/Spill Name Former Paul Miller Dry Cleaners

NOTE: Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

Standby Subcontractors

- ☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.
- ☒ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)
- ☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

Non-Standby Subcontractors

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

- ☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).
- ☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.
- ☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.


Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes **and** an engineer's estimate to support cost reasonableness.

- ☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

	11/26/12
Signature of Contractor's Authorized Representative	Date
CDM Smith	D007621-11
Contractor Name	Contract/WA No.
Data Validation Services	
Subcontractor Name	

Rev. 01/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

Contract/WA No. D007621-11 Site/Spill Number 213018

Site/Spill Name Former Paul Miller Dry Cleaners

NOTE: Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

Standby Subcontractors

- ☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.
- ☒ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)
- ☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

Non-Standby Subcontractors

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

- ☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).
- ☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.
- ☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

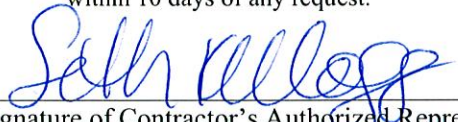
Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes **and** an engineer's estimate to support cost reasonableness.

- ☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

	11/26/12
Signature of Contractor's Authorized Representative	Date
CDM Smith	D007621-11
Contractor Name	Contract/WA No.
Test America	
Subcontractor Name	

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