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January 26, 2011

Ms. Andrea Indelicato
Contract Manager
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

SUBJECT: NYSDEC Standby Contract No. D004437-35
Former Paul Miller Dry Cleaners (Site No. 2-43-018)
Submittal of 2.11s - Cost Justification

Dear Ms. Indelicato:

Camp Dresser & McKee (CDM) is providing cost justification to the New York State Department of Environmental Conservation (NYSDEC) for 2.11s submittal to the above-referenced work assignment. As per scoping meetings with NYSDEC project manager, Mr. Kevin Sarnowicz, CDM prepared a cost estimate with the following assumptions:

- Task 1 assumes that time will be needed to complete the site-specific health and safety plan, review of files, complete and compile the attached 2.11s, compile the estimate for the sub slab depressurization system design, and scoping/costing/scheduling meetings with Case Manager.
- Task 2 assumes a full-scale sub slab depressurization system design for the site building. Costs include all possible contingencies in light of the fact that confirmation of system type and exact requirements has yet to be obtained from the NYSDOH. Costs include two site visits for the system engineer(s), pre-design data gathering and review, pilot study workplan development and pilot study execution, evaluation of pilot study results, full-scale design (including formal design review and revisions), and production of system design. Costs do not assume installation of the sub slab depressurization system detailed in the final design.
- On 2.11(c) in the Task 2 section, there is a charge for "CDM blower system use fee." The blowers will be used during Task 2, Sub Slab Depressurization System Design. There are two blowers owned by CDM that will be mobilized to the site and hooked up to the sub slab depressurization system during the pilot study phase of the system

design. Usage fees are included to cover normal wear and tear, maintenance, and capital recovery for the equipment.

- On 2.11(d)3 in the Task 2 section, the box truck rental exceeds \$1,000. Additionally, in the Task 3 section, the rentals for the truck, PID, and dust monitor (MIE DR-4000) all exceed \$1,000. For the trucks and the PID, rental quotes are provided in the attached subcontractor backup spreadsheet. Pine's dust meter rental cost exceeds \$1,000. As it is only one piece of equipment included in Pine's entire community air monitoring system package, cost comparison for full community air monitoring systems between three different equipment rental companies is provided.
- CDM is using a placeholder, 2.11f(SSDS), for the sub-slab depressurization system work. The engineer estimated that approximately \$11,000 of subcontractor services will be required to complete Task 2 activities. Justification of cost reasonableness for the \$11,000 estimated price, in the form of the engineer's estimate, is provided in the attached subcontractor backup spreadsheet.
- The mileage reimbursement rate is being charged on 2.11(c) for visits to the site made with company or personal vehicles during: two site visits (one of the two with Project Manager driving separately) for the sub slab depressurization system design engineer, three days for indoor air sampling, two days of geophysical surveying oversight, one day of surveying oversight, the final day of investigation derived waste removal oversight, and the drive to the area for the citizen participation meeting (total 11 trips). For execution of the Task 2 pilot study and Task 3 intrusive activities, including MIP, monitoring well installation, and groundwater sampling, a rental vehicle will be used.
- Geophysical surveying will consist of 2 days of work. The first day will be to survey the proposed MIP boring locations. The second day will be to survey the proposed monitoring well locations, if they differ from the MIP boring locations.
- The first phase of intrusive activities will be the installation of 20 proposed MIP borings. Continuous volatile organic concentrations readings will be collected at each location with the MIP equipment, and a co-located boring will be advanced for the collection of conductivity measurements for the purpose of gathering lithologic information. One soil core will be collected from each MIP boring across the interval demonstrating the greatest concentrations or the bottom of the boring, whichever is encountered first. One soil sample will be collected from each core and submitted to the laboratory for VOC and SVOC analysis. Thirty percent of the soil samples (approximately six of the 20) be analyzed for the full TCL/TAL+30, which includes VOC and SVOC analysis, as was done during the 2008 RI work. It is assumed that 20

soil samples, 2 duplicate samples, 2 MS/MSD samples, and 1 field blank 5 trip blanks will be collected and analyzed. It is assumed that no trip blanks will accompany soil samples.

- Sheet 2.11(f) for Vironex. MIP work is specialty work that is only conducted by a select few contractors who are certified by Geoprobe® to use the MIP equipment with their Geoprobe® systems. Proposals were submitted by five direct-push subcontractors for the MIP work. Only one of these subcontractors, Zebra, is on the approved NYSDEC standby subcontractor list, as they are the only standby direct-push subcontractor that conducts MIP work. Zebra did not offer the lowest bid of the five bidding subcontractors. The MIP subcontractor costs are presented along-side one another in the attached subcontractor backup spreadsheet.
- The results of the MIP work will aid in finalizing monitoring well locations. As the second phase of intrusive activities, 5 deep and 13 shallow monitoring wells are proposed. Standard split spoon soil sampling (every 5-feet) will be conducted during drilling of shallow monitoring wells. Continuous split spoon sampling will be conducted at the five deep monitoring well locations (starting at 60 feet bgs to depth), as deep lithologic data for the site is limited. No soil samples will be collected for laboratory analysis during monitoring well installation activities.
- The total subcontract price for Delta Well exceeds \$100,000. Eighteen monitoring wells are proposed: five of these wells will be deep (one set to the top of bedrock, anticipated at approximately 150 feet bgs, and four set to approximately 120 feet bgs), and 13 are proposed to be shallow (60 feet bgs). The cost of the deep wells assumes double/outer casing (in the event a confining layer or very large boulder is encountered prior to reaching bedrock). The costs for one deep well alone, excluding split spoon sampling and well development, will be on the order of \$20,700. Aside from more involved drilling methods, the work is anticipated to take approximately 60 working days to complete.
- Subsequent to monitoring well installation and development, the new monitoring wells will be allowed to stabilize for a period of two weeks. Then a comprehensive round of water level measurements, product gauging, and groundwater sampling will be conducted. There are 15 monitoring well currently at the site: with the installation of the 18 proposed monitoring wells, there will be a total of 33 monitoring wells to be included in the groundwater sampling event. It is assumed that the groundwater sampling event will take a two-person crew approximately one week to conduct. All groundwater samples will be analyzed for VOCs and SVOCs. Thirty percent of the groundwater samples (approximately ten) will be analyzed for TCL/TAL+30, which

includes VOCs and SVOCs analysis. It is assumed that 33 groundwater samples, 2 duplicate samples, 2 MS/MSD samples, one field blank per day (5 total), and 5 trip blanks will be collected and analyzed.

- Groundwater geochemistry parameters (alkalinity, sulfate, sulfide, nitrate, nitrite, total organic carbon, chloride, ferrous iron, and methane/ ethane/ ethane (MEE)) will be collected at approximately 50 percent of the monitoring wells to assist with the Feasibility Study efforts. QA/QC samples will not be collected for groundwater geochemistry parameters. On the 2.11(f) for Mitkem, the following parameters are not in the Mitkem subcontract: total organic carbon, and methane/ethane/ethene. To compare these prices as a way to confirm cost reasonableness, quotes from two other labs are provided in the attached subcontractor backup spreadsheet.
- A total of six air samples (3 indoor air, 1 duplicate, and 2 ambient air) are proposed for the site and neighboring two buildings. It is assumed that air sampling will be conducted during the heating season.
- During indoor air sampling, up to six pieces of the concrete slab at the site building and six soil samples from immediately beneath the slab at those locations will be collected and submitted to the laboratory for VOC analysis. Mitkem assumes no additional processing fees for the concrete chips. One duplicate sample and one field blank will be collected per media.
- All data will be analyzed on a normal turn-around-time (21 days). It is assumed data will be available within a month of submittal to the laboratory. All data, with the exception of waste characterization samples, will be validated and DUSRs generated in accordance with final DER-10 requirements. It is assumed data validation may take up to 3 months to complete.
- Site surveying will be conducted to survey new locations into existing site plan. It is assumed that surveying will take one day to complete and will be conducted after the monitoring wells are installed.
- It is assumed that neither 3D visualization nor groundwater modeling will be conducted during the RI, Task 3.
- Task 4 entails completion of the Remedial Investigation Report. The report will be completed in compliance with the final DER-10 requirements. Boring logs and cross sections will be generated for the report, and all figures and tables will be created in compliance with applicable DER-10 required format(s). The RI will include the results

of any FWRIA conducted. A qualitative human exposure assessment will be included. It is not assumed that a quantitative risk assessment consistent with CERCLA will be required. All available site data will be uploaded into an EQuIS database. Data gathered during this RI will be compiled and submitted electronically in accordance with the NYSDEC electronic submittal requirements.

- For Task 5, it is assumed that the Feasibility Study will be full-scale and will include all applicable components, in accordance with the DER-10. Estimated labor hours are based on actual level of effort required for conducting a full-scale Feasibility Study for sites with similar release, contaminant, and subsurface conditions. It is assumed the data necessary for completion of the full-scale Feasibility Study will be complete and available to the remediation engineer completing the study.

The initial work assignment cost was estimated at \$296,000 and CDM has cost estimated the assignment's budget as \$748,122 based on the assumptions outlined above. CDM anticipates that the work assignment will be completed by late Fall 2012. It is assumed that the Preliminary Activities, the Remedial Investigation, and the design of the sub-slab depressurization system, and approximately have of the RI reporting activities will be completed in 2011 (total estimated labor hours 2,728 and total estimated cost of labor \$90,672.31). It is assumed the remaining RI reporting activities and the Feasibility Study will be completed in 2012 (total estimated labor hours 560 and total estimated cost of labor \$22,316.43). Table 1 summarizes anticipated completion dates for the work included in the assignment referenced above.

Table 1 – Project Schedule

Project Milestone	Date
Submit 2.11s	January 17, 2011
Revision of 2.11s	January 31, 2011
DEC Approval of 2.11s	February 7, 2011
Task 1 – Letter Addendum to Work Plan, review of additional files, and Health and Safety Plan completed	February 21, 2011
Task 1 - DEC/DOH Comment on Workplan Addendum and Health and Safety Plan	February 28, 2011

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Task 1 - FINAL Workplan Addendum and Health and Safety Plan	March 4, 2011
Notice to Proceed (NTP)	March 11, 2011
Task 3 - Air Sampling	Week of March 14, 2011
Commence Task 2 & 3	March 21, 2011
Task 2 Completed	TBD
Task 3 - Field Work Completed	July 2011
Task 4 Submit Draft Remedial Investigation Report to NYSDEC for comment	January 2012
NYSDEC Comments to Draft Report	20 Working Days after Draft RI Report Submitted
Task 4 Submit FINAL Site Remedial Investigation Report	20 Working Days after Approval of Draft Report
Task 5 Submit Draft Feasibility Report	6 months after Final RIR submitted
Approve Draft FS Report	35 Working Days after Draft FS Report Submitted
Task 5 Submit FINAL Feasibility Report	20 Working Days after Approval of Draft Report, assuming minor revisions

If you have any questions, or need additional information, please do not hesitate to contact me at (732) 590-4701.

Very truly yours,



Cristina Ramacciotti, P.G. (PA)
Project Manager

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Camp Dresser & McKee Inc.

Attachments: Schedule 2.11s
 Cost Review Checklist
 Subcontractor Pricing Backup
 Subcontractor Conflict of Interest Checks and Certifications

cc: K. Sarnowicz, NYSDEC
 D. Durfee/CDM
 D. Keil, CDM
 File

Schedule 2.11(a)

Summary of Work Assignment Price

Work Assignment Number D004437-35

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	<u>\$113,658</u>
2) Indirect Costs (Schedule 2.10(g))	<u>\$190,832</u>
3) Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	<u>\$39,648</u>
4) Subcontract Costs	

Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(e))

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i)		
ii)		
iii)		

A) Total Cost-Plus-Fixed-Fee Subcontracts \$0

Unit Price Subcontracts (Schedule 2.10 (f) and 2.11 (f))

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i) Vironex	MIP Direct Push Driller	\$39,077
ii) Mitkem	Laboratory	\$35,863
iii) ChemTech	MBE Laboratory	\$1,847
iv) Nancy Potak	WBE Data Validator	\$3,991
v) Bryant Associates, P.C.	MBE Topographic Survey	\$1,640
vi) Innovative Recycling Technologies	Investigation Derived Waste	\$35,435
vii) Delta Well and Pump	WBE Driller	\$230,409
viii) Advanced Geological Services	Utility Clearance	\$3,600
ix) TBD - Sub Slab Depressurization Design	Electrical Hookup and Indoor Survey	\$11,000

B) Total Unit Price Subcontracts \$362,861

5) Subcontract Management Fee \$17,413.06

6) Total Subcontract Costs (lines 4A + 4B + 5) \$380,274

7) Fixed Fee (Schedule 2.10(h)) \$21,314

8) Total Work Assignment Price (Lines 1 + 2 + 3 + 6 + 7) \$745,727

Engineer/Contract # D004437
 Project Name former Paul Miller Dry Cleaners Site
 Work Assignment No. D004437-35

Date Prepared: 1/14/2011

Schedule 2.11(b)
Direct Labor Hours Budgeted

<i>Labor Classification</i>	<i>IX</i>		<i>VIII</i>		<i>VII</i>		<i>VI</i>		<i>V</i>		<i>IV</i>		<i>III</i>		<i>II</i>		<i>I</i>		<i>Tech. Support</i>		<i>Admin Support</i>		<i>Total No. of Direct Labor Hours and Costs Budgeted</i>	
*Av. Salary Rate (\$) _____ Year 2011	\$69.83		\$63.59		\$55.75		\$49.19		\$41.48		\$35.17		\$30.63		\$27.32		\$22.61		\$22.61		\$22.61		0	
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task 1 Preliminary Activities	12	\$838.01	2	\$127.18	0	\$0.00	0	\$0.00	100	\$4,147.81	40	\$1,406.98	0	\$0.00	120	\$3,277.87	0	\$0	0	\$0.00	12	\$271.30	286	\$10,069.16
Task 2 Sub-Slab Depressurization System Design	20	\$1,396.68	108	\$6,867.96	0	\$0.00	0	\$0.00	0	\$0.00	265	\$9,321.24	399	\$12,222.25	56	\$1,529.67	80	\$1,809	0	\$0.00	12	\$271.30	940	\$33,417.78
Task 3 Remedial Investigation	4	\$279.34	2	\$127.18	0	\$0.00	0	\$0.00	280	\$11,613.87	30	\$1,055.24	0	\$0.00	800	\$21,852.48	100	\$2,261	0	\$0.00	8	\$180.87	1224	\$37,369.82
Task 4 Remedial Investigation Report	4	\$279.34	24	\$1,526.21	0	\$0.00	0	\$0.00	105	\$4,355.20	0	\$0.00	0	\$0.00	80	\$2,185.25	60	\$1,357	0	\$0.00	5	\$113.04	278	\$9,815.55
Task 5 Feasibility Study	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0	0	\$0.00	0	\$0.00	0	\$0.00
Total Hours	40		136		0		0		485		335		399		1056		240		0		37		2728	
Total Direct Labor Cost (\$) Year 2011		\$2,793.36		\$8,648.54		\$0.00		\$0.00		\$20,116.88		\$11,783.46		\$12,222.25		\$28,845.27		\$5,426		\$0.00		\$836.51		\$90,672.31
<i>Labor Classification</i>	<i>IX</i>		<i>VIII</i>		<i>VII</i>		<i>VI</i>		<i>V</i>		<i>IV</i>		<i>III</i>		<i>II</i>		<i>I</i>		<i>Tech. Support</i>		<i>Admin Support</i>		<i>Total No. of Direct Labor Hours and Costs Budgeted</i>	
*Av. Salary Rate (\$) _____ Year 2012	\$71.93		\$65.50		\$57.43		\$50.67		\$42.72		\$36.23		\$31.55		\$28.14		\$23.29		\$23.29		\$23.29		0	
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task 1 Preliminary Activities	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0	0	\$0.00	0	\$0.00	0	\$0.00
Task 2 Sub-Slab Depressurization System Design	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0	0	\$0.00	0	\$0.00	0	\$0.00
Task 3 Remedial Investigation	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0	0	\$0.00	0	\$0.00	0	\$0.00
Task 4 Remedial Investigation Report	4	\$287.72	24	\$1,572.00	0	\$0.00	0	\$0.00	105	\$4,485.86	0	\$0.00	0	\$0.00	80	\$2,250.81	20	\$466	0	\$0.00	15	\$349.30	248	\$9,411.41
Task 5 Feasibility Study	24	\$1,726.30	40	\$2,620.00	0	\$0.00	108	\$5,472.21	0	\$0.00	0	\$0.00	60	\$1,893.07	0	\$0.00	60	\$1,397	0	\$0.00	20	\$465.74	312	\$13,574.51
Total Hours	28		64		0		108		105		0		60		80		80		0		35		560	
Total Direct Labor Cost (\$) Year 2011		\$2,014.01		\$4,192.00		\$0.00		\$5,472.21		\$4,485.86		\$0.00		\$1,893.07		\$2,250.81		\$1,863		\$0.00		\$815.04		\$22,985.93
Total Hours	68		200		0		108		590		335		459		1136		320		0		72		3288	
Total Direct Labor Cost (\$) Year 2008 to 2010		\$4,807.37		\$12,840.54		\$0.00		\$5,472.21		\$24,602.74		\$11,783.46		\$14,115.32		\$31,096.08		\$7,288.98		\$0.00		\$1,651.55		\$113,658.24

* For multiple years use one average salary rate row for each year and each years subtotal Labor Cost.

Engineer/Contract # D004437
 Project Name former Paul Miller Dry Cleaners Site
 Work Assignment No. D004437-35

Date Prepared: 1/14/2011

Schedule 2.11(b-1)
Direct Administrative Labor Hours Budgeted

<i>Labor Classification</i>	<i>IX</i>	<i>VIII</i>	<i>VII</i>	<i>VI</i>	<i>V</i>	<i>IV</i>	<i>III</i>	<i>II</i>	<i>I</i>	<i>Admin. Support</i>	<i>Total No. of Direct Labor Hrs.</i>
Task 1 Preliminary Activities	12									12	24
Task 2 Soil Vapor Sampling and Sub-Slab Depressurization System Design	20									12	32
Task 3 Remedial Investigation	4									8	12
Task 4 Remedial Investigation Report	4									5	9
Task 5 Feasibility Study	0									0	0
TOTAL HOURS	40	0	0	0	0	0	0	0	0	37	77

Contract/Project administrative hours would include (subject to contract allowability) but not necessarily be limited to the following activities:

- 1) Work Plan Budget Development
 - > Conflict of Interest Check
 - > Budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - > Conduct progress reviews
 - > Prepare monthly project report
 - > Update WA progress schedule
 - > Prepare M/WBE Utilization Report
- 3) Contractor Application for Payment (CAP)
 - > Oversee and prepare monthly CAP

- 4) Program Management
 - > Prepare monthly cost control report
 - > Cost control reviews
 - <> Staffing Plans
 - > Manage subcontracts
 - > NSPE list update
 - > Equipment inventory
- 5) Miscellaneous
 - > Conduct Health and Safety Reviews
 - > Word processing and graphic artists
 - > Report editing

Contract/Project Administration hours would **not** include:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) Work plan development
- 5) Review of deliverables

Schedule 2.11 (c)

Direct Non-Salary Costs
Work Assignment Number D004437-35

Item	Max. Reimbursement * Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost
A) Other			
1) Shipping Task 1	LS	1	\$100.00
2) Outside Printing Task 1	LS	1	\$1,000.00
3) Shipping Task 2	LS	1	\$100.00
4) Outside Printing Task 2	LS	1	\$1,000.00
5) Shipping Task 3	per cooler	22	\$3,300.00
6) Outside Printing Task 3	LS	1	\$100.00
7) Shipping Task 4	LS	1	\$100.00
8) Outside Printing Task 4	LS	1	\$1,000.00
9) Shipping Task 5	LS	1	\$100.00
10) Outside Printing Task 5	LS	1	\$1,000.00
	Sub-Total Other		\$7,800.00
B) Miscellaneous Task 2 - Site Visit			
1) Mileage (per mile)	\$0.510	270	\$137.70
2) Tolls	\$15.00	3	\$45.00
	Sub-Total Miscellaneous Task 1		\$182.70
C) Miscellaneous Task 2 - Pilot Study			
1) CDM Blower System Use Fee	\$500.00	1	\$500.00
2) Mileage (per mile)	\$0.510	0	\$0.00
3) PPE (level D) (per day)	\$15.00	5	\$75.00
4) Tolls	\$15.00	5	\$75.00
5) LVE	\$1.00	40	\$40.00
	Sub-Total Miscellaneous Task 2		\$690.00
D) Miscellaneous Task 3 - Geophysical survey oversight (2 mobilizations)			
1) Mileage (per mile)	\$0.510	180	\$91.80
2) Tolls	\$15.00	2	\$30.00
3) LVE	\$1.00	16	\$16.00
E) Miscellaneous Task 3 - Remedial Investigation			
MIP, Monitoring well Installation, Groundwater Sampling, and air sampling			
1) Meals*	\$17.00	90	\$1,530.00
2) Lodging (per day)	\$212.00	0	\$0.00
3) Mileage (per mile)**	\$0.510	270	\$137.70
4) PPE (level D) (per day)	\$15.00	79	\$1,185.00
5) Tolls	\$15.00	79	\$1,185.00
6) LVE	\$1.00	632	\$632.00
* Standard (no receipts) Day Trip rates for reimbursements of meals in accordance with NYSDEC "Travel Allowance and Requirements" dated 5/6/2010.			
** Mileage for air sampling event only; rental truck budgeted for remaining activities.			
F) Miscellaneous Task 3 - IDW removal oversight			
1) Mileage (per mile)	\$0.510	90	\$45.90
2) Tolls	\$15.00	1	\$15.00
3) LVE	\$1.00	8	\$8.00
G) Miscellaneous Task 3 - Topographic survey oversight			
1) Mileage (per mile)	\$0.510	90	\$45.90
2) Tolls	\$15.00	1	\$15.00
3) LVE	\$1.00	8	\$8.00
	Sub-Total Miscellaneous Task 3		\$4,945.30
H) Miscellaneous Task 5 - Citizen Participation			
1) Mileage (per mile)	\$0.510	90	\$45.90
2) Tolls	\$15.00	1	\$15.00
	Sub-Total Miscellaneous Task 5		\$60.90
Total Direct Non-Salary Costs			\$13,678.90

*Schedule 2.11(d) 3***Maximum Reimbursement Rate for Vendor Rented Equipment**

Item	Max Reimbursement Rate (\$)*	Est. Usage (unit of time)	Est. Rental Cost (\$) (Col. 2 x 3)
Task 2			
Generator Rental (weekly rate)	\$ 575.00	1	\$ 575.00
Box Truck Rental (daily rate)	\$ 106.72	5	\$ 533.60
Moisture Separator	\$ 500.00	1	\$ 500.00
Sub Total Task 2			\$1,608.60
Task 3			
Truck Rental (weekly rental rate)	\$ 401.29	15	\$ 6,019.35
MIP, Monitoring Well Development, Soil, and Groundwater Sampling			
Horiba U22 Rental Meter (week)	\$ 165.00	2	\$ 330.00
Horiba U22 Rental Meter (day)	\$ 55.00	3	\$ 165.00
Lamotte 2020 Turbidity Meter (week)	\$ 44.00	2	\$ 88.00
Lamotte 2020 Turbidity Meter (day)	\$ 13.75	3	\$ 41.25
Pump- Sub Grundfos 2" RENTAL (week)	\$ 79.75	2	\$ 159.50
Control bx for Grundfos2"120V (week)	\$ 79.75	2	\$ 159.50
Generator (week)	\$ 74.25	2	\$ 148.50
water level meter - 200'- Solinst (monthly)	\$ 110.00	3	\$ 330.00
water level meter - 200'- Solinst (weekly)	\$ 33.00	3	\$ 99.00
interface probe - 200'- Solinst (monthly)	\$ 242.00	3	\$ 726.00
interface probe - 200'- Solinst (weekly)	\$ 77.00	3	\$ 231.00
PID-MiniRAE 3000 10.6 120V D (#1) (monthly)	\$ 398.75	3	\$ 1,196.25
PID-MiniRAE 3000 10.6 120V D (#1) (weekly)	\$ 110.00	3	\$ 330.00
combustible gas indicator (monthly)	\$ 247.50	3	\$ 742.50
combustible gas indicator (weekly)	\$ 82.50	2	\$ 165.00
GPS, Trimble Pathfinder ProXRS (daily)	\$ 110.00	3	\$ 330.00
Community Air Monitoring			
PID-MiniRAE 3000 10.6 120V D (#2) (monthly)	\$ 398.75	3	\$ 1,196.25
PID-MiniRAE 3000 10.6 120V D (#2) (weekly)	\$ 110.00	2	\$ 220.00
dust meter - MIE DR-4000 (#1) (monthly)	\$ 660.00	3	\$ 1,980.00
dust meter - MIE DR-4000 (#1) (weekly)	\$ 247.50	2	\$ 495.00
dust meter - MIE DR-4000 (#2) (monthly)	\$ 660.00	3	\$ 1,980.00
dust meter - MIE DR-4000 (#2) (weekly)	\$ 247.50	2	\$ 495.00
Tripod w/ case (#1) (monthly)	\$ 82.50	3	\$ 247.50
Tripod w/ case (#1) (weekly)	\$ 27.50	2	\$ 55.00
Tripod w/ case (#2) (monthly)	\$ 82.50	3	\$ 247.50
Tripod w/ case (#2) (weekly)	\$ 27.50	2	\$ 55.00
Alarm System Radio Transmitter (monthly)	\$ 99.00	6	\$ 594.00
Alarm System Radio Transmitter (weekly)	\$ 33.00	4	\$ 132.00
JOBCOM Radio VHF JMX-141-D (monthly)	\$ 55.00	6	\$ 330.00
JOBCOM Radio VHF JMX-141-D (weekly)	\$ 16.50	4	\$ 66.00
Sub Total Task 3			\$19,354.10

Cost comparisons provided for grey-highlighted items.

Total: \$20,962.70

Reimbursement will be made at the Maximum Reimbursement Rate, or the actual rental rate, whichever is less.

*Schedule 2.11(d) 5**Maximum Reimbursement Rate for Consumables*

Item	Max Reimbursement Rate (\$)*	Est. Usage (unit of time)	Est. Rental Cost (\$) (Col. 2 x 3)
Task 2			
Log books	\$ 15.00	3	\$ 45.00
PVC Piping and Materials (glue, fittings, tubing)	\$ 700.00	1	\$ 700.00
VPGAC drum	\$ 600.00	1	\$ 600.00
Gloves	\$ 15.00	2	\$ 30.00
Electrical Hookup Materials	\$ 500.00	1	\$ 500.00
Restoration/Patching Materials	\$ 500.00	1	\$ 500.00
		Sub Total Task 2	\$2,375.00
Task 3			
Log books	\$ 15.00	6	\$ 90.00
Gloves	\$ 15.00	12	\$ 180.00
Gas for rental vehicle	\$ 48.75	14	\$ 682.50
<i>Monitoring Well Development, Soil, and Groundwater Sampling</i>			
Tubing Poly 3/8 IDX1/2 OD 100' (100 ft rolls)	\$ 25.00	33	\$ 825.00
Surge block 3.7" diameter	\$ 17.00	1	\$ 17.00
surge block 1.8" diameter	\$ 9.00	1	\$ 9.00
DI water for Decon water (5 gal)	\$ 66.00	4	\$ 264.00
Bubble Wrap 12" x 75'	\$ 27.49	1	\$ 27.49
Sorbant Pads 15 X 19" 100/carton #S-7247	\$ 69.00	2	\$ 138.00
Packaging Tape Pack of 4	\$ 16.99	1	\$ 16.99
Strapping Tape 1 1/2" x 60 yd.	\$ 9.59	4	\$ 38.36
Ice	\$ 3.00	50	\$ 150.00
Sandwich ziplocok Bags (30 bags)	\$ 4.00	1	\$ 4.00
1 gallon Ziplock Bags (20 bags)	\$ 4.00	10	\$ 40.00
Garbage Bags	\$ 5.00	1	\$ 5.00
Paper Towels - 7th Generation Env. Friendly	\$ 3.50	2	\$ 7.00
<i>Soil Vapor Sampling</i>			
Tubing P/Tef 3/16 IDX1/4 OD (\$1.00/ft)	\$ 1.00	15	\$ 15.00
Femal Connector - Sub Slab port/monitoring probes	\$ 11.64	2	\$ 23.28
Male Connector - ends up tubing	\$ 7.11	4	\$ 28.44
T-connectors - duplicate	\$ 25.24	1	\$ 25.24
Metal Tubing for Sub Slab ports (10 ft stick)	\$ 7.17	1	\$ 7.17
Flush mount Hi-pressure thread Hex-socket plug (subslab port)	\$ 1.27	2	\$ 2.54
Modeling clay - NonToxic	\$ 7.00	1	\$ 7.00
Patcher Cement	\$ 20.00	1	\$ 20.00
Teflon Tape	\$ 3.00	1	\$ 3.00
silicon tubing	\$ 2.50	2	\$ 5.00
		Sub Total Task 3	\$2,631.01
TOTAL:			\$5,006.01

* Reimbursement will be made at the Maximum Reimbursement rate or the actual consumable rate, whichever is less.

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number **D004437-35**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
	<u>Estimated Sub-Slab</u>		
	<u>Depressurization System</u>		
<u>TDB</u>	<u>Subcontracted Items</u>	<u>\$11,000.00</u>	<u>\$0.00</u>
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
TASK 2			
Pre-Design			
Indoor Survey	\$ 8,000.00 each	1	\$8,000.00
Pilot Study			
Electrical Hookup	\$ 3,000.00 each	1	\$3,000.00
Subtotal-Subcontract Price			<u>\$11,000.00</u>
Subcontract Management Fee*			<u>\$0.00</u>
TOTAL			<u>\$11,000.00</u>

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number **D004437-35**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Innovative Recycling Technologies, Inc.</u>	<u>IDW Removal</u>	<u>\$35,435.00</u>	<u>\$1,771.75</u>

Item	Max. Reimbursement Rate (Specify Unit)			Est. No. of Units	Total Est. Cost
Investigation Derived Wastes					
Non-hazardous IDW (PPE/Plastics/concrete) drum removal, transportation, and disposal	\$	120.00	each	6	\$720.00
Hazardous SOIL drum removal, transportation, and disposal	\$	215.00	per month	140	\$30,100.00
Hazardous WATER drum removal, transportation, and disposal	\$	200.00	per cy	20	\$4,000.00
Hazardous CONCRETE removal, transportation, and disposal	\$	205.00	per cy	3	\$615.00
Subtotal-Subcontract Price					\$35,435.00
Subcontract Management Fee*					\$1,771.75
TOTAL					\$37,206.75

* Subcontract Management Fee of 5% on Subcontracts over \$10,000

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number **D004437-35**

Name of Subcontractor <u>Bryant Associates, P.C.</u>	Services to be Performed <u>MBE Topographic Survey</u>	Subcontract Price <u>\$1,640.00</u>	Management Fee <u>\$82.00</u>
---	---	--	--

Item	Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost
Topographic Survey				
Investigation Location Survey based off existing survey	1640.00	each	1	\$1,640.00
Subtotal-Subcontract Price				\$1,640.00
Subcontract Management Fee*				\$82.00
TOTAL				\$1,722.00

* A subcontract management fee of 5% has been included for M/WBE subcontracts.

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number **D004437-35**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Advanced Geological Services</u>	<u>Utility Clearance</u>	<u>\$3,600.00</u>	<u>\$0</u>
Item	Max. Reimbursement Rate (Specify Uni	Est. No. of Units	Total Est. Cost
Geophysical Survey (Clear Drilling Locations)			
Project Total:	\$1,800 day	2	\$3,600.00
(daily rate for 1-man crew, 2 mobilizations (pre-MIP and pre-drilling))			
Subtotal-Subcontract Price			<u>\$3,600.00</u>
Subcontract Management Fee			<u>\$0.00</u>
TOTAL			<u><u>\$3,600.00</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number **D004437-35**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Nancy Potak - Data Validation</u>	<u>WBE Data Validator</u>	<u>\$3,990.51</u>	<u>\$199.53</u>

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
DATA VALIDATION Task 2.5			
Groundwater			
VOCs 8260B	\$13.37 /Sample	37	\$494.71
SVOCs 8270C	\$24.31 /Sample	32	\$777.92
Full List CLP-TCL/TAL+30			
TCL VOCs + 10	\$13.37 /Sample	10	\$133.71
TCL SVOCs +20	\$24.31 /Sample	10	\$243.10
TAL metals	\$20.66 /Sample	10	\$206.64
Pesticides/PCBs	\$34.03 /Sample	10	\$340.34
Mercury	\$3.65 /Sample	10	\$36.47
Cyanide	\$3.65 /Sample	10	\$36.47
Soil			
VOCs 8260B	\$14.59 /Sample	26	\$379.24
SVOCs 8270C	\$21.88 /Sample	19	\$415.70
Full List CLP-TCL/TAL+30			
TCL VOCs + 10	\$14.59 /Sample	6	\$87.52
TCL SVOCs +20	\$21.88 /Sample	6	\$131.27
TAL metals	\$30.39 /Sample	6	\$182.33
Pesticides/PCBs	\$34.03 /Sample	6	\$204.21
Mercury	\$3.65 /Sample	6	\$21.88
Cyanide	\$3.65 /Sample	6	\$21.88
Concrete			
VOCs 8260B	\$14.59 /Sample	8	\$116.69
Air			
TO-15 VOCs	\$13.37 /Sample	6	\$80.22
TO-15 Dilution	\$13.37 /Sample	6	\$80.22
Subtotal-Subcontract Price			<u>\$3,990.51</u>
Subcontract Management Fee*			<u>\$199.53</u>
TOTAL			<u>\$ 4,190.03</u>

* A subcontract management fee of 5% has been included for M/WBE subcontracts.

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number DOO4437-35

Name of Subcontractor		Services to be Performed		Subcontract Price Management Fee	
<u>Delta Well and Pump</u>		<u>WBE Drilling</u>		<u>\$230,409.04</u>	<u>\$11,520.45</u>
Item		Unit Cost		Est. No. of Units	Total Est. Cost
1. GENERAL					
1b	PPE	\$	65.00 ea	1	\$ 65.00
2. Split-Spoon Soil Sampling					
2a	0-50 ft	\$	40.50 foot	130	\$ 5,265.00
2b	50-100 ft	\$	50.75 foot	141	\$ 7,155.75
2c	100-150 ft	\$	60.75 foot	65	\$ 3,948.75
3. Monitoring Well Installation					
3a	4.25 inch ID Hollow Stem Augers (0-50 ft)	\$	20.25 foot	900	\$ 18,225.00
3b	4.25 inch ID Hollow Stem Augers (50-100 ft)	\$	20.25 foot	380	\$ 7,695.00
3c	4.25 inch ID Hollow Stem Augers (100-150 ft)	\$	45.60 foot	130	\$ 5,928.00
3d	PVC well riser, 2.0 inch ID, schedule 40	\$	4.10 foot	1230	\$ 5,043.00
3e	PVC Well Screen, 2.0 inch ID, #10 slot, schedule 40	\$	5.10 foot	180	\$ 918.00
3f	Well Completion Materials (sand pack)	\$	8.10 foot	234	\$ 1,895.40
3g	Well Completion Materials (seal)	\$	25.35 foot	36	\$ 912.60
3h	Well Completion Materials (riser backfill/grout)	\$	15.20 foot	1158	\$ 17,601.60
3i	Well Surface Completion (protective casing, well caps, tags, concrete pad, locking cap + key)	\$	227.85 each	18	\$ 4,101.30
3j	Airlift Method	\$	182.25 hr	12	\$ 2,187.00
3k	Interrelated overpumping with submersible pump	\$	182.25 hr	12	\$ 2,187.00
3l	Construction of one (1) decontamination steam-cleaning pad using a swimming pool	\$	886.00 ea	1	\$ 886.00
3m	Steam cleaning of drill rig, tools and all other equipment between borings	\$	182.25 hr	28	\$ 5,103.00
3n	Steam Cleaner	\$	25.35 day	23	\$ 583.05
3o	Generator (2,000 watt gas & diesel generator)	\$	126.60 day	5	\$ 633.00
4. IDW Handling					
4a	Supply Clean DOT-approved 55 gallon drums with wood pallets and tarps	\$	50.65 ea	138	\$ 6,989.70
4b	Moving 55 gallon drums to borehole; filling, transporting and staging of drilling fluid/development water drums	\$	15.20 ea	18	\$ 273.60
4c	Moving 55 gallon drums to borehole; filling, transporting and staging of drill cutting drums	\$	15.20 ea	120	\$ 1,824.00
Subtotal					\$ 99,420.75
<i>Plus 5% cost increase on standard bid items for each year from 2008 through 2011</i>					\$ 120,846.54
1. GENERAL					
Mobilization (includes construct/deconstruct					
1a	decon pad). Cost not subject to annual increase.	\$	15,250.00 lump	1	\$ 15,250.00
5. Miscellaneous					
5a	days per diem (2-man crew)	\$	400.00 day	60	\$ 24,000.00
5b	hydrant permits	\$	450.00 ea	2	\$ 900.00
5c	asphalt saw cutting	\$	350.00 hr	15	\$ 5,250.00
5d	concrete saw cutting	\$	425.00 hr	3	\$ 1,275.00
5e	hand clearing per hour	\$	350.00 hr	18	\$ 6,300.00
5f	isolation casing setup	\$	3,050.00 ea	5	\$ 15,250.00
5g	drilling 12" ID augers per foot	\$	65.85 ft	250	\$ 16,462.50
5h	intall 10" steel casing per foot	\$	99.50 ft	250	\$ 24,875.00
Subtotal					\$ 94,312.50
Subtotal-Subcontract Price				\$	230,409.04
<i>Costs assume 95% Level D and 5% Level C.</i>					
Subcontract Management Fee*				\$	11,520.45
TOTAL				\$	241,929.50

* A subcontract management fee of 5% has been included for M/WBE subcontracts.

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number DOO4437-35

Name of Subcontractor		Services to be Performed		Subcontract Price Management Fee	
<u>Vironex</u>		<u>Membrane Interface Probe</u>		<u>\$39,077.06</u>	<u>\$1,953.85</u>
		<u>Direct Push Driller</u>			
Item		Unit Cost		Est. No. of Units	Total Est. Cost
Rig Mileage Rate	\$	2.10	per mile	200	\$ 420.00
Per Diem Rates	\$	275.00	each	11	\$ 3,025.00
Support Truck Mileage Rate	\$	2.10	per mile	200	\$ 420.00
Truck Drill Rig & Crew	\$	1,130.63	day	12	\$ 13,567.56
Sand and Bentonite Grouting of 3" hole to ground surface	\$	1.95	foot	1000	\$ 1,950.00
55-Gallon DOT Drum	\$	75.00	each	3	\$ 225.00
MIP Day Rate	\$	1,899.45	day	10	\$ 18,994.50
Standard Report	\$	475.00	LS	1	\$ 475.00
Subtotal-Subcontract Price					<u>\$39,077.06</u>
Subcontract Management Fee*					<u>\$1,953.85</u>
TOTAL					<u>\$ 41,030.91</u>

* Subcontract Management Fee of 5% on Subcontracts over \$10,000

Schedule 2.11 (f)

**Unit Price Subcontracts
Work Assignment Number D004437-35**

Name of Subcontractor	<u>Mitkem</u>
Services to be Performed	<u>Laboratory</u>
Subcontract Price	<u>\$35,863.00</u>
Management Fee	<u>\$1,793.15</u>

Item	Max. Reimbursement Rate	Specify Unit	Est. No. of Units	Total Est. Cost
Task 3 - Remedial Investigation				
LABORATORY ANALYSIS				
Concrete Sampling				
Concrete Processing Fees	\$0.00	Sample	8	\$0.00
VOCs 8260B	\$69.00	Sample	8	\$552.00
Groundwater				
VOCs 8260B	\$69.00	Sample	37	\$2,553.00
SVOCs 8270C	\$159.00	Sample	32	\$5,088.00
Full List CLP-TCL/TAL+30*	\$420.00	Sample	10	\$4,200.00
CLP-TCL Inorganics (Metals)	\$65.00	Sample	6	\$390.00
Nitrate and Nitrite (separate)	\$40.00	Sample	16	\$640.00
Ferrous iron	\$35.00	Sample	16	\$560.00
Sulfate	\$20.00	Sample	16	\$320.00
Sulfide	\$15.00	Sample	16	\$240.00
Chloride	\$15.00	Sample	16	\$240.00
Alkalinity	\$5.00	Sample	16	\$80.00
Total organic carbon (9060)	\$30.00	Sample	16	\$480.00
Methane, ethane, ethene	\$75.00	Sample	16	\$1,200.00
Soil				
VOCs 8260B	\$69.00	Sample	26	\$1,794.00
SVOCs 8270C	\$159.00	Sample	19	\$3,021.00
Full List CLP-TCL/TAL+30*	\$420.00	Sample	6	\$2,520.00
Investigation Derived Waste				
VOCs 8260B (for total VOCs)	\$69.00	Sample	15	\$1,035.00
TCLP VOCs (8260B)	\$69.00	Sample	15	\$1,035.00
TCLP SVOCs (8270C)	\$159.00	Sample	15	\$2,385.00
Pesticides/PCBs (8081A/8082)	\$127.00	Sample	15	\$1,905.00
Herbicides (8151)	\$160.00	Sample	15	\$2,400.00
Metals (TAL)	\$65.00	Sample	15	\$975.00
TCLP Extraction (1311)	\$35.00	Sample	15	\$525.00
pH (9040)	\$5.00	Sample	15	\$75.00
RCRA Corrosivity (9045C)	\$5.00	Sample	15	\$75.00
RCRA Ignitability (1010, 1029A, 1030)	\$20.00	Sample	15	\$300.00
Reactivity (9012, SW-846 Ch7, Sec 7.3)	\$60.00	Sample	15	\$900.00
Reactive Cyanide (9012A)	\$25.00	Sample	15	\$375.00
Subtotal-Subcontract Price				\$35,863.00
Subcontract Management Fee**				\$1,793.15
TOTAL				\$37,656.15

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number D004437-35

Name of Subcontractor ChemTech
Services to be Performed MBE Laboratory
Subcontract Price \$1,846.64
Management Fee \$92.33

Item	Max. Reimbursement Rate	Specify Unit	Est. No. of Units	Total Est. Cost
Task 3 - Remedial Investigation				
SAMPLING EQUIPMENT				
Summa Cannisters/Regulators/Tedlar bags	\$60.78	Sample	7	\$425.43
Cannister Re-Certification	\$115.76	Canister	1	\$115.76
LABORATORY ANALYSIS				
Air				
TO-15 Air	\$217.58	Sample	6	\$1,305.45
Subtotal-Subcontract Price				\$1,846.64
Subcontract Management Fee*				\$92.33
TOTAL				\$1,938.97

* A subcontract management fee of 5% has been included for W/MBE subcontracts.

Schedule 2.11 (g) - Summary

***Monthly Cost Control Report
Summary of Fiscal Information***

Engineer Camp Dresser & McKee
Contract No. D004437
Project Name former Paul Miller Dry Cleaners Site
Work Assignment No. D004437-35
Summary of Tasks
Percentage Completed

Date Prepared 1/14/11
Billing Period _____
Payment No. _____ Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0			\$113,658	
2. Indirect Costs - '167.9%	\$0	\$0	\$0	\$0			\$190,832	
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0			\$304,490	
4. Travel	\$0	\$0	\$0	\$0			\$3,415	
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0			\$36,233	
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0			\$39,648	
7. Subcontractors	\$0	\$0	\$0	\$0			\$362,861	
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0			\$17,413	
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0			\$724,412	
9. Fixed Fee	\$0	\$0	\$0	\$0			\$21,314	
10. Total Work Assignment Price	\$0	\$0	\$0	\$0			\$745,727	

Project Manager (Engineer) Cristina Ramacciotti

Date _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer Camp Dresser & McKee
 Contract No. D004437
 Project Name former Paul Miller Dry Cleaners Site
 Work Assignment No. D004437-35
 Task #/Name Task 1 - Preliminary Activities
 Complete 0%

Page 1 of 6
 Date Prepared 1/14/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0			\$10,069	
2. Indirect Costs - '167.9%	\$0	\$0	\$0	\$0			\$16,906	
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0			\$26,975	
4. Travel	\$0	\$0	\$0	\$0			\$0	
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0			\$1,100	
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0			\$1,100	
7. Subcontractors	\$0	\$0	\$0	\$0			\$0	
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0			\$0	
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0			\$28,075	
9. Fixed Fee	\$0	\$0	\$0	\$0			\$1,888	
10. Total Work Assignment Price	\$0	\$0	\$0	\$0			\$29,964	

Project Manager (Engineer) Cristina Ramacciotti

Date _____

Engineer Camp Dresser & McKee
 Contract No. D004437
 Project Name former Paul Miller Dry Cleaners Site
 Work Assignment No. D004437-35
 Task #/Name Task 2 - Sub-Slab Depressurization System Design
 Complete 0%

Page 2 of 6
 Date Prepared 1/14/11
 Billing Period _____
 Invoice No. _____

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0			\$33,418	
2. Indirect Costs <u>167.9%</u>	\$0	\$0	\$0	\$0			\$56,108	
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0			\$89,526	
4. Travel	\$0	\$0	\$0	\$0			\$258	
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0			\$5,699	
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0			\$5,956	
7. Subcontractors	\$0	\$0	\$0	\$0			\$11,000	
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0			\$0	
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0			\$106,483	
9. Fixed Fee	\$0	\$0	\$0	\$0			\$6,267	
10. Total Work Assignment Price	\$0	\$0	\$0	\$0			\$112,749	

Project Manager (Engineer) Cristina Ramacciotti

Date _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer Camp Dresser & McKee
 Contract No. D004437
 Project Name former Paul Miller Dry Cleaners Site
 Work Assignment No. D004437-35
 Task #/Name Task 3 - Remedial Investigation
 Complete 0%

Page 3 of 6
 Date Prepared 1/14/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0			\$37,370	
2. Indirect Costs 167.9%	\$0	\$0	\$0	\$0			\$62,744	
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0			\$100,114	
4. Travel	\$0	\$0	\$0	\$0			\$3,096	
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0			\$27,234	
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0			\$30,330	
7. Subcontractors	\$0	\$0	\$0	\$0			\$351,861	
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0			\$17,413	
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0			\$499,718	
9. Fixed Fee	\$0	\$0	\$0	\$0			\$7,008	
10. Total Work Assignment Price	\$0	\$0	\$0	\$0			\$506,726	

Project Manager (Engineer) Cristina Ramacciotti

Date _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer **Camp Dresser & McKee**
 Contract No. **D004437**
 Project Name **former Paul Miller Dry Cleaners Site**
 Work Assignment No. **D004437-35**
 Task #/Name **Task 4 - Remedial Investigation Report**
 Complete **0%**

Page **4 of 6**
 Date Prepared **1/14/11**
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0			\$19,227	
2. Indirect Costs 167.9%	\$0	\$0	\$0	\$0			\$32,282	
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0			\$51,509	
4. Travel	\$0	\$0	\$0	\$0			\$0	
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0			\$1,100	
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0			\$1,100	
7. Subcontractors	\$0	\$0	\$0	\$0			\$0	
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0			\$0	
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0			\$52,609	
9. Fixed Fee	\$0	\$0	\$0	\$0			\$3,606	
10. Total Work Assignment Price	\$0	\$0	\$0	\$0			\$56,215	

Project Manager (Engineer) **Cristina Ramacciotti**

Date _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer Camp Dresser & McKee
 Contract No. D004437
 Project Name former Paul Miller Dry Cleaners Site
 Work Assignment No. D004437-35
 Task #/Name Task 5 - Feasibility Study
 Complete 0%

Page 5 of 6
 Date Prepared 1/14/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0			\$13,575	
2. Indirect Costs <u>167.9%</u>	\$0	\$0	\$0	\$0			\$22,792	
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0			\$36,366	
4. Travel	\$0	\$0	\$0	\$0			\$61	
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0			\$1,100	
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0			\$1,161	
7. Subcontractors	\$0	\$0	\$0	\$0			\$0	
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0			\$0	
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0			\$37,527	
9. Fixed Fee	\$0	\$0	\$0	\$0			\$2,546	
10. Total Work Assignment Price	\$0	\$0	\$0	\$0			\$40,073	

Project Manager (Engineer) Cristina Ramacciotti

Date _____

Cost Control Report for Subcontracts

Engineer Camp Dresser & McKee
 Contract No. D004437
 Project Name former Paul Miller Dry Cleaners Site
 Work Assignment No. D004437-35

Page 6 of 6
 Date Prepared 1/14/11
 Billing Period _____
 Invoice No. _____

<i>Subcontract Name</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>
	<i>Subcontract Costs Claimed this Application Inc. Resubmittals</i>	<i>Subcontract Costs Approved for Payment on Previous Applications</i>	<i>Total Subcontract Costs to Date (A plus B)</i>	<i>Subcontract Approved Budget</i>	<i>Management Fee Budget</i>	<i>Management Fee Paid</i>	<i>Total Costs to Date (C plus F)</i>
1. SSDS Design Specialty Subs	\$0	\$0	\$0	\$11,000	\$0	\$0	\$0
2. Innovative Recycling Technologies	\$0	\$0	\$0	\$35,435	\$1,772	\$0	\$0
3. Bryant	\$0	\$0	\$0	\$1,640	\$82	\$0	\$0
4. AGS	\$0	\$0	\$0	\$3,600	\$0	\$0	\$0
5. Nancy Potak - Data Validation	\$0	\$0	\$0	\$3,991	\$200	\$0	\$0
6. Delta	\$0	\$0	\$0	\$230,409	\$11,520	\$0	\$0
7. Vironex	\$0	\$0	\$0	\$39,077	\$1,954	\$0	\$0
8. ChemTech Labs	\$0	\$0	\$0	\$1,847	\$92	\$0	\$0
9. Mitkem Lab	\$0	\$0	\$0	\$35,863	\$1,793	\$0	\$0
TOTALS	\$0	\$0	\$0	\$362,861	\$17,413	\$0	\$0

Project Manager (Engineer) Cristina Ramacciotti

Date _____

Schedule 2.11(h)
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/Contract # D004437
 former Paul Miller Dry
 Project Name Cleaners Site
 Work Assignment No. D004437-35

Date Prepared 1/14/2011

Billing Period
 Invoice No.

<i>NSPE Labor Classification</i>	<i>IX Exp/Est</i>	<i>VIII Exp/Est</i>	<i>VII Exp/Est</i>	<i>VI Exp/Est</i>	<i>V Exp/Est</i>	<i>IV Exp/Est</i>	<i>III Exp/Est</i>	<i>II Exp/Est</i>	<i>I Exp/Est</i>	<i>Admin.</i>	<i>Total No. of Direct Labor Hrs. Exp/Est</i>
Task 1	0 / 12	0 / 2	0 / 0	0 / 0	0 / 100	0 / 40	0 / 0	0 / 120	0 / 0	0 / 12	0 / 286
Task 2	0 / 20	0 / 108	0 / 0	0 / 0	0 / 0	0 / 265	0 / 399	0 / 56	0 / 80	0 / 12	0 / 940
Task 3	0 / 4	0 / 2	0 / 0	0 / 0	0 / 280	0 / 30	0 / 0	0 / 800	0 / 100	0 / 8	0 / 1224
Task 4	0 / 8	0 / 48	0 / 0	0 / 0	0 / 210	0 / 0	0 / 0	0 / 160	0 / 80	0 / 20	0 / 526
Task 5	0 / 24	0 / 40	0 / 0	0 / 108	0 / 0	0 / 0	0 / 60	0 / 0	0 / 60	0 / 20	0 / 312
Total Hours	0 / 68	0 / 200	0 / 0	0 / 108	0 / 590	0 / 335	0 / 459	0 / 1136	0 / 320	0 / 72	0 / 3288

Cost Review for Work Plan or Amendment

Contractor Name: Camp Dresser & McKee, Inc.
WA # and Name: D004437-35/former Paul Miller Dry Cleaners

Date: January 23, 2011

Reviewer:

	GENERAL COST REVIEW CHECKLIST	Yes	No	Comments
	A complete set of 2.11 Schedules (a) through (h) is attached.	X		
	Budget package includes a cover letter and an M/WBE Utilization Plan.	X	X	M/WBE Utilization Plan will be submitted upon approval of 2.11s
1.	Schedule 2.11(b) - Direct Labor			
	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 costs match amounts on Schedule 2.11(a).	X		
	The Principal's (NSPE level 9) labor hours charged to WA are less than 2% of the total.	X		
	Total labor hours match hours on Schedule 2.11(h).	X		
2.	Schedule 2.11(b-1) - Direct Administrative Labor Hours			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	X		
3.	Schedules 2.11(c) and (d) - Direct Non-Salary Costs			
	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) (2).	X		
	Quotes are included for any non-contract item (<u>including</u> equipment purchases & rentals; <u>excluding</u> air fare) >\$1k. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	X		Engineers estimate provided.
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR. Field costs must be receipted.	X		
	Appropriate lodging/per diem/mileage rates are used.	X		
	Schedule 2.11(d)1 - All equipment purchased is supported by cost justification that's acceptable to the CM. Equipment is to be maintained by the contractor or turned over to DEC, and it must be added to contractor's inventory list (include a revised copy).	X		
	Schedule 2.11(d)2 - Rates for consultant-owned equipment match Schedule 2.10(c).	X		Blower unit in justification.
	Schedule 2.11(d)4 - Includes equipment to be used only on this WA (such as a blower purchased to upgrade SVE system).	X		
	Other direct costs (no. of field days, lodging, and field equipment usage) are reasonable based on field work schedule or supporting documentation.	X		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	X		
4.	Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts			

	Proposed subconsultant is on standby or has DEC-approved rates with another standby consultant. Otherwise, financial information required for cost analysis must be submitted.		X	None used.
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	Schedule 2.11(e) - Continued	Yes	No	Comments
	Standby subcontract is active and rates (salary, direct and indirect costs, and fixed fee) match contract rates.		X	N/A
	A breakdown of direct non-salary costs is provided.		X	N/A
	Total subcontract cost matches amount on Schedule 2.11(a).	X		But N/A
	Subcontractor has justified/obtained adequate quotes for any further subcontracted work.		X	N/A
	Subcontractor certification(s) have been submitted.		X	N/A
5.	Schedule 2.11(f) - 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.	X		
	<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.	X		See justification.
	<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.	X		
	Cost reasonableness of sole/single source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).	X		
	Placeholders are used only for non-standby subcontractors.	X		SSDS, see justification.
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.	X		SSDS, see justification.
	Correct 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		
	Total subcontract costs match the amounts on Schedule 2.11(a).	X		
	Justification is attached for subcontracts >\$100,000 supporting a determination not to design and competitively bid the work. Response-type activities (drum removals, other construction-type activities) must be competitively bid unless otherwise approved	X		See justification.
	Subcontractor certification(s) have been submitted.	X		
6.	Schedule 2.11(g) - Cost Control Report			
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	X		
7.	Schedule 2.11(g) Supplemental - Cost Control Report (subs)			
	Schedules include all applicable subcontracts and management fees (for unit price only).	X		
8.	Schedule 2.11(a)			
	Rates for indirect and fixed fee match contract rates.	X		
	All numbers rolled up into Schedule 2.11(a) add up.	X		

Company Name & Contact Information	Delta Well Chris Okon 97 Union Ave. P.O. Boc 1309 Ronkonkoma, NY 11779-0760 631-981-2255 CHRIS@DELTAWELL.COM						Land, Air, Water Environmental John Lamprecht 32 Chinchester Ave. P.O. Box 372 Cener Moriches, NY 11934 631-874-2112 JOHN@LAWES.ORG						American Auger & Ditch Judy Baye 453 Route 23 Constania, NY 13044 315-623-7496 f 315-623-7189 JBAYE57@AOL.COM				Aztech Technologies, Inc Matthew Darcangelo, P.E. 5 McCrea Hill Road Ballston Spa, NY 12020 518-885-5383 f 518-885-5385 MDARCANGELO@AZTK.COM				Geologic NY, Inc. Steve Laramee 37 Copeland Ave. P.O. Box 350 Homer, NY 13077 607-749-5000 STEVE@GEOLOGIC.NET				Nothnagle Drilling, Inc. Timothy Nothnagle 1821 Scottsville-Mumford Rd. Scottsville, NY 14546 585-538-2328 f 585-538-2357 TMN@NOTHNAGLEDRIILLING.COM				SJB Services Stan Blas 5167 South Park Ave. Hamburg, NY 14075 716-649-8110 f 716-649-8051 SJBLAS@SJBEGS.COM			
	Fed I.D. number for (MBE, DBE, WBE, SBE), if applicable.	WBE						WBE						Declined to bid.				Declined to bid.				Declined to bid.				Declined to bid.						
Description	Quantity	Units	Unit Cost		Overall Cost		Quantity	Units	Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost	
			Level C	Level D	Level C	Level D			Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D		
Personal Protective Equipment																																
Personal Protective Equipment	1	each	\$350.00	\$50.00	\$350.00	\$50.00	153	each	\$100.00	\$25.00	\$15,300.00	\$3,825.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Hollow Stem Augering (without sampling)																																
0-50 feet in depth																																
1)4.25 inch ID Hollow Stem Augers	900	per LF	\$25.00	\$20.00	\$22,500.00	\$18,000.00	650	per LF	\$27.00	\$21.00	\$17,550.00	\$13,650.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
1)10.25 inch ID Hollow Stem Augers		per LF	\$32.00	\$25.00	\$0.00	\$0.00	250	per LF	\$60.00	\$50.00	\$15,000.00	\$12,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
50-100 feet in depth																																
2)4.25 inch ID Hollow Stem Augers	380	per LF	\$25.00	\$20.00	\$9,500.00	\$7,600.00	130	per LF	\$27.00	\$21.00	\$3,510.00	\$2,730.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2)10.25 inch ID Hollow Stem Augers		per LF	\$32.00	\$25.00	\$0.00	\$0.00		per LF			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
100-150 feet in depth																																
3)4.25 inch ID Hollow Stem Augers	130	per LF	\$57.00	\$45.00	\$7,410.00	\$5,850.00		per LF	\$25.00	\$21.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
3)10.25 inch ID Hollow		per LF	\$75.00	\$60.00	\$0.00	\$0.00		per LF	\$30.00	\$22.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Mud/Water Rotary																																
1)Nominal 4 inch		per LF			\$0.00	\$0.00	380	per LF	\$35.00	\$30.00	\$13,300.00	\$11,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
1)Nominal 6 inch		per LF			\$0.00	\$0.00		per LF	\$40.00	\$35.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Downhole Air Hammer																																
2)Nominal 4 inch		per LF			\$0.00	\$0.00		per LF	not	bid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
2)Nominal 6 inch		per LF			\$0.00	\$0.00		per LF	not	bid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Drive and Wash Flush Joint Casing																																
0-50 feet in depth																																
1)4.0 inch casing		per LF			\$0.00	\$0.00		per LF	not	bid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
50-100 feet in depth																																
2)4.0 inch casing		per LF			\$0.00	\$0.00		per LF	not	bid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#N/A	#N/A	\$0.00	\$0.00	#N/A	#N/A	
100-150 feet in depth																																
3)4.0 inch casing		per LF			\$0.00	\$0.00		per LF	not	bid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Split-Spoon Sampling (In accordance w/ASTM 1586;																																
0-50 feet in depth																																
1)2.0 inch	130	each	\$50.00	\$40.00	\$6,500.00	\$5,200.00	130	each	\$35.00	\$30.00	\$4,550.00	\$3,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		

Company Name & Contact Information	Delta Well Chris Okon 97 Union Ave. P.O. Boc 1309 Ronkonkoma, NY 11779-0760 631-981-2255 CHRIS@DELTAWEELL.COM						Land, Air, Water Environmental John Lamprecht 32 Chinchester Ave. P.O. Box 372 Cener Moriches, NY 11934 631-874-2112 JOHN@LAWES.ORG						American Auger & Ditch Judy Baye 453 Route 23 Constania, NY 13044 315-623-7496 f 315-623-7189 JBAYE57@AOL.COM				Aztech Technologies, Inc Matthew Darcangelo, P.E. 5 McCrea Hill Road Ballston Spa, NY 12020 518-885-5383 f 518-885-5385 MDARCANGELO@AZTK.COM				Geologic NY, Inc. Steve Laramee 37 Copeland Ave. P.O. Box 350 Homer, NY 13077 607-749-5000 STEVE@GEOLOGIC.NET				Nothnagle Drilling, Inc. Timothy Nothnagle 1821 Scottsville-Mumford Rd. Scottsville, NY 14546 585-538-2328 f 585-538-2357 TMN@NOTHNAGLEDRLING.COM				SJB Services Stan Blas 5167 South Park Ave. Hamburg, NY 14075 716-649-8110 f 716-649-8051 SJBLAS@SJBEGS.COM					
	Fed I.D. number for (MBE, DBE, WBE, SBE), if applicable.	WBE						WBE						Declined to bid.				Declined to bid.				Declined to bid.				Declined to bid.								
Description	Quantity	Units	Unit Cost		Overall Cost		Quantity	Units	Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost			
			Level C	Level D	Level C	Level D			Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D				
50-100 feet in depth																																		
2)2.0 inch	141	each	\$65.00	\$50.00	\$9,165.00	\$7,050.00	141	each	\$35.00	\$30.00	\$4,935.00	\$4,230.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
100-150 feet in depth																																		
3)2.0 inch	65	each	\$75.00	\$60.00	\$4,875.00	\$3,900.00	65	each	\$50.00	\$40.00	\$3,250.00	\$2,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Well Screen (Flush-Joint, Threaded) Slotted PVC																																		
PVC Well Screen, 2.0 inch ID, #10 slot, schedule 40	180	per LF	\$7.00	\$5.00	\$1,260.00	\$900.00	180	per LF	\$12.00	\$10.00	\$2,160.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Well Riser (Flush Joint Threaded)																																		
PVC																																		
PVC well riser, 2.0 inch ID, schedule 40	1230	per LF	\$6.00	\$4.00	\$7,380.00	\$4,920.00	1230	per LF	\$12.00	\$10.00	\$14,760.00	\$12,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#N/A	#N/A	\$0.00	\$0.00	#N/A	#N/A
Mild Steel Pipe																																		
Mild Steel pipe, 4.0 inch		per LF			\$0.00	\$0.00	250	per LF	\$28.00	\$22.00	\$7,000.00	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Mild Steel pipe, 4.0 inch ID, schedule 80		per LF	\$53.00	\$42.00	\$0.00	\$0.00		per LF	\$33.00	\$28.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Well Screen Backfill Material																																		
Well screen sand pack for 2.0 inch monitoring - well set in 4.25 inch hollow stem augers	234	per LF	\$10.00	\$8.00	\$2,340.00	\$1,872.00	234	per LF	\$10.00	\$8.00	\$2,340.00	\$1,872.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Bentonite Pellet Seal																																		
Seal for 2.0 inch monitoring well set in 4.25 inch hollow stem augers	36	per LF	\$32.00	\$25.00	\$1,152.00	\$900.00	36	per LF	\$14.00	\$12.00	\$504.00	\$432.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Riser Backfill Material (Cement/Bentonite Grout)																																		
1)Riser Backfill for 2.0 inch well set in 4.25 inch hollow stem augers	1158	per LF	\$19.00	\$15.00	\$22,002.00	\$17,370.00	1158	per LF	\$8.00	\$5.00	\$9,264.00	\$5,790.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
1)Riser Backfill for 4.0 inch well set in 6.25 inch hollow stem augers		per LF	\$23.00	\$18.00	\$0.00	\$0.00	250	per LF	\$8.00	\$6.00	\$2,000.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Installation of Protective Casings																																		
Flush Mount																																		
Flush-Mount, 6.0 inch ID Protector with locking cover, drain hole and concrete apron	18	each	\$282.00	\$225.00	\$5,076.00	\$4,050.00	18	each	\$300.00	\$250.00	\$5,400.00	\$4,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Containerization of Drilling Materials																																		
Supply Clean DOT-approved 55 gallon drums with wood pallets and tarps	138	each	\$63.00	\$50.00	\$8,694.00	\$6,900.00	185	each	\$85.00	\$75.00	\$15,725.00	\$13,875.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			

Company Name & Contact Information	Delta Well Chris Okon 97 Union Ave. P.O. Boc 1309 Ronkonkoma, NY 11779-0760 631-981-2255 CHRIS@DELTAWEELL.COM						Land, Air, Water Environmental John Lamprecht 32 Chinchester Ave. P.O. Box 372 Cener Moriches, NY 11934 631-874-2112 JOHN@LAWES.ORG						American Auger & Ditch Judy Baye 453 Route 23 Constania, NY 13044 315-623-7496 f 315-623-7189 JBAYE57@AOL.COM				Aztech Technologies, Inc Matthew Darcangelo, P.E. 5 McCrea Hill Road Ballston Spa, NY 12020 518-885-5383 f 518-885-5385 MDARCANGELO@AZTK.COM				Geologic NY, Inc. Steve Laramee 37 Copeland Ave. P.O. Box 350 Homer, NY 13077 607-749-5000 STEVE@GEOLOGIC.NET				Nothnagle Drilling, Inc. Timothy Nothnagle 1821 Scottsville-Mumford Rd. Scottsville, NY 14546 585-538-2328 f 585-538-2357 TMN@NOTHNAGLEDRILLING.COM				SJB Services Stan Blas 5167 South Park Ave. Hamburg, NY 14075 716-649-8110 f 716-649-8051 SJBLAS@SJBEGS.COM					
	Fed I.D. number for (MBE, DBE, WBE, SBE), if applicable.	WBE						WBE						Declined to bid.				Declined to bid.				Declined to bid.				Declined to bid.								
Description	Quantity	Units	Unit Cost		Overall Cost		Quantity	Units	Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost			
			Level C	Level D	Level C	Level D			Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D				
Moving 55 gallon drums to borehole; filling, transporting and staging of drilling fluid/ development water drums	18	each	\$19.00	\$15.00	\$342.00	\$270.00	30	each	\$75.00	\$50.00	\$2,250.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Moving 55 gallon drums to borehole; filling, transporting and staging of drill cutting drums	120	each	\$19.00	\$15.00	\$2,280.00	\$1,800.00	155	each	\$75.00	\$50.00	\$11,625.00	\$7,750.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Well Development																																		
Airlift Method	12	per hour	\$225.00	\$180.00	\$2,700.00	\$2,160.00		per hour	not	bid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Interrelated overpumping with submersible pump	12	per hour	\$225.00	\$180.00	\$2,700.00	\$2,160.00	16	per hour	\$250.00	\$250.00	\$4,000.00	\$4,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Pump and surge method (w/ surge block)		per hour	\$225.00	\$180.00	\$0.00	\$0.00	24	per hour	\$400.00	\$350.00	\$9,600.00	\$8,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Decontamination																																		
Construction of one (1) decontamination steam-cleaning pad using a swimming pool	1	each	\$1,095.00	\$875.00	\$1,095.00	\$875.00	1	per hour	\$300.00	\$250.00	\$300.00	\$250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Steam cleaning of drill rig, tools and all other equipment between borings	28	per hour	\$225.00	\$180.00	\$6,300.00	\$5,040.00	42	per hour	\$250.00	\$200.00	\$10,500.00	\$8,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Stand-by Time																																		
Rig and crew		per hour	\$250.00	\$200.00	\$0.00	\$0.00		per hour	\$300.00	\$250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Equipment Rentals																																		
Steam Cleaner	23	per Day	\$32.00	\$25.00	\$736.00	\$575.00	42	per Day	\$100.00	\$100.00	\$4,200.00	\$4,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Generator (2,000 watt gas & diesel generator)	5	per Day	\$157.00	\$125.00	\$785.00	\$625.00	53	per Day	\$250.00	\$250.00	\$13,250.00	\$13,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Grouting Open Boreholes																																		
Open borehole for 4.25 inch hollow sten auger, high solids, bentonite grout		per LF	\$10.00	\$8.00	\$0.00	\$0.00		per LF	\$40.00	\$30.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Open borehole for 6.25 inch hollow sten auger cement/ bentonite grout		per LF	\$13.00	\$10.00	\$0.00	\$0.00		per LF	\$50.00	\$40.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
Sub Total					\$125,142.00	\$98,067.00					\$192,273.00	\$150,154.00			\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00		\$0.00				
Total (includes 95 of Level D and 5% of Level C costs) times 10 for most items except decon pad and drums			\$99,420.75								\$152,259.95				\$0.00				\$0.00				\$0.00				\$0.00				\$0.00			
2008 to 2011 5% increase to bid items			\$120,846.54								\$185,072.92																							
Mob/Demob																																		
Mobilization/ Demobilization	1	per rig	\$20,000.00	\$15,000.00	\$20,000.00	\$15,000.00	1	each	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	Declined to bid.				Declined to bid.				Declined to bid.				Declined to bid.				Declined to bid.					
Sub Total					\$20,000.00	\$15,000.00					\$20,000.00	\$20,000.00			\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00		\$0.00				
Total (includes 95 of Level D and 5% of Level C costs) times 10 for most items except decon pad and drums			\$15,250.00								\$20,000.00				\$0.00				\$0.00				\$0.00				\$0.00				\$0.00			
Description	Quantity	Units	Unit Cost		Overall Cost		Quantity	Units	Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost			
			Level C	Level D	Level C	Level D			Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D				
	60	days per diem (2-man crew)	\$400.00	\$400.00	\$24,000.00	\$24,000.00	6	soft dig crew, vactron and air knife per Day	\$3,600.00	\$3,000.00	\$21,600.00	\$18,000.00																						
	2	hydrant permits	\$450.00	\$450.00	\$900.00	\$900.00	30	box truck with water tanks per day	\$350.00	\$350.00	\$10,500.00	\$10,500.00																						
	15	asphalt saw cutting	\$350.00	\$350.00	\$5,250.00	\$5,250.00	30	desander and pump per day	\$300.00	\$300.00	\$9,000.00	\$9,000.00																						
	3	concrete saw cutting	\$425.00	\$425.00	\$1,275.00	\$1,275.00	0	bags asphalt patch	\$45.00	\$35.00	\$0.00	\$0.00																						
	18	hand clearing per hour	\$350.00	\$350.00	\$6,300.00	\$6,300.00	141	prevailing wage surcharge per man/ day	\$300.00	\$250.00	\$42,300.00	\$35,250.00																						

Company Name & Contact Information	Delta Well Chris Okon 97 Union Ave. P.O. Boc 1309 Ronkonkoma, NY 11779-0760 631-981-2255 CHRIS@DELTAWELL.COM						Land, Air, Water Environmental John Lamprecht 32 Chinchester Ave. P.O. Box 372 Cener Moriches, NY 11934 631-874-2112 JOHN@LAWES.ORG						American Auger & Ditch Judy Baye 453 Route 23 Constania, NY 13044 315-623-7496 f 315-623-7189 JBAYE57@AOL.COM				Aztech Technologies, Inc Matthew Darcangelo, P.E. 5 McCrea Hill Road Ballston Spa, NY 12020 518-885-5383 f 518-885-5385 MDARCANGELO@AZTK.COM				Geologic NY, Inc. Steve Laramee 37 Copeland Ave. P.O. Box 350 Homer, NY 13077 607-749-5000 STEVE@GEOLOGIC.NET				Nothnagle Drilling, Inc. Timothy Nothnagle 1821 Scottsville-Mumford Rd. Scottsville, NY 14546 585-538-2328 f 585-538-2357 TMN@NOTHNAGLEDRILLING.COM				SJB Services Stan Blas 5167 South Park Ave. Hamburg, NY 14075 716-649-8110 f 716-649-8051 SJBLAS@SJBEGS.COM				
	Fed I.D. number for (MBE, DBE, WBE, SBE), if applicable.	WBE						WBE						Declined to bid.				Declined to bid.				Declined to bid.				Declined to bid.				Declined to bid.			
Description	Quantity	Units	Unit Cost		Overall Cost		Quantity	Units	Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		Unit Cost		Overall Cost		
			Level C	Level D	Level C	Level D			Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	Level C	Level D	
	5	isolation casing setup	\$4,000.00	\$3,000.00	\$20,000.00	\$15,000.00					\$0.00	\$0.00																					
	250	drilling 12" ID augers per foot	\$82.00	\$65.00	\$20,500.00	\$16,250.00					\$0.00	\$0.00																					
	250	intall 10" steel casing per foot	\$128.00	\$98.00	\$32,000.00	\$24,500.00					\$0.00	\$0.00																					
					\$0.00	\$0.00					\$0.00	\$0.00																					
Sub Total					\$110,225.00	\$93,475.00					\$83,400.00	\$72,750.00			\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00			\$0.00	\$0.00	
Total (includes 95 of Level D and 5% of Level C costs) times 10 for most items except decon pad and drums			\$94,312.50						\$73,282.50				\$0.00				\$0.00				\$0.00				\$0.00				\$0.00				
Total						\$230,409.04						\$258,355.42			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00			\$0.00

\$258,355.42

Company Name & Contact Information				Zebra Environmental Corp. Shawn Tibbetts 30 North Prospect Avenue Lynbrook, NY 11563 Phone: (516) 596-6300 Fax: (516) 596-4422 shawn@zebraenv.com				Columbia Technologies Sarah Mallette 1445 South Rolling Road Baltimore, MD 21227 Phone: 410-536-9911 ext. 200 Fax: 410-536-0222 smallette@columbiatechnologies.com				Vironex Mike Mazzarese 3 Owls Nest Road Wilmington, DE 19807 (302) 661-1400 - Phone (302) 661-1460 - Fax mmazzarese@vironex.com				Stone Environmental, Inc. Mike Rossi 535 Stone Cutters Way Montpelier, Vermont 05602 Tel. / 802.229.2194 mrossi@stone-env.com				S.C. Inc. Matthew Ruf 5 Johnson Drive, Suite 12 Raritan, NJ 08869 (908) 253-3200 FAX (908) 253-9797 mruf@s2c2inc.com													
	Quantity	Units	Unit Rate		Cost			Quantity	Units	Unit Rate		Cost			Quantity	Units	Unit Rate		Cost			Quantity	Units	Unit Rate		Cost							
			Level C	Level D	Level C	Level D				Level C	Level D	Level C	Level D				Level C	Level D	Level C	Level D				Level C	Level D	Level C	Level D						
Mob/Demob																																	
Senior Technician/Driller						\$0.00	\$0.00	Senior Technician/Driller		20			\$115.00	\$115.00	\$2,300.00	\$2,300.00	Senior Technician/Driller						\$0.00	\$0.00	Senior Technician/Driller					\$1,200.00	\$1,200.00	\$0.00	\$0.00
Technician						\$0.00	\$0.00	Technician					\$0.00	\$0.00	\$1,000.00	\$1,000.00	Technician						\$0.00	\$0.00	Technician					\$0.00	\$0.00		
Permits		1	LS	\$700.00	\$700.00	\$700.00	\$700.00	Permits		1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	Permits						\$0.00	\$0.00	Permits					\$0.00	\$0.00			
Rig Mileage Rate		80	per mile	\$3.00	\$3.00	\$240.00	\$240.00	Rig Mileage Rate		200	per mile	\$3.75	\$2.75	\$750.00	\$550.00	Rig Mileage Rate		200	per mile	\$2.10	\$2.10	\$2.10	\$420.00	\$420.00	Rig Mileage Rate			per mile		\$0.00	\$0.00		
Per Diem Rate		0	per day	\$250.00	\$250.00	\$0.00	\$0.00	Per Diem Rate		20	per day	\$275.00	\$275.00	\$5,500.00	\$5,500.00	Per Diem Rate		11	per day	\$275.00	\$275.00	\$2,750.00	\$3,025.00	\$3,025.00	Per Diem Rate			per day	\$400.00	\$400.00	\$0.00	\$0.00	
Prevailing Wage Upcharge		0	per day	\$400.00	\$350.00	\$0.00	\$0.00	Prevailing Wage Upcharge		0	per day	\$2,000.00	\$2,000.00	\$0.00	\$0.00	Prevailing Wage Upcharge			per day				\$0.00	\$0.00	Prevailing Wage Upcharge			per day		\$0.00	\$0.00		
Support Truck Mileage Rate		80	per mile	\$3.00	\$3.00	\$240.00	\$240.00	Support Truck Mileage Rate		0	per mile	\$0.00	\$0.00	\$0.00	\$0.00	Support Truck Mileage Rate		200	per mile	\$2.10	\$2.10	\$2.10	\$420.00	\$420.00	Support Truck Mileage Rate			per mile		\$0.00	\$0.00		
Utility Clearance		1	LS	\$130.00	\$130.00	\$130.00	\$130.00	Utility Clearance		1	LS	\$175.00	\$175.00	\$175.00	\$175.00	Utility Clearance			LS				\$0.00	\$0.00	Utility Clearance		2	LS	\$3,440.00	\$3,440.00	\$6,880.00	\$6,880.00	
Drill Rig and Crew																																	
Truck Drill Rig & Crew		10	per day	\$1,375.00	\$1,300.00	\$13,750.00	\$13,000.00	Truck Drill Rig & Crew		10	per day	\$3,800.00	\$3,600.00	\$38,000.00	\$36,000.00	Truck Drill Rig & Crew		12	per day	\$1,181.25	\$1,125.00	\$1,130.63	\$14,175.00	\$13,500.00	Truck Drill Rig & Crew**		20	per day	\$2,900.00	\$2,900.00	\$58,000.00	\$58,000.00	
Overtime Rate		0	per hour	\$250.00	\$200.00	\$0.00	\$0.00	Overtime Rate		1	per hour	\$450.00	\$350.00	\$450.00	\$350.00	Overtime Rate			per hour	\$175.00	\$150.00	\$152.50	\$0.00	\$0.00	Overtime Rate		240	per hour	\$0.00	\$0.00	\$0.00	\$0.00	
Soil Sampling & Temporary Monitoring Wells																																	
3" Macro Core Soil Samples with Acetate Liners		20	each	\$9.00	\$9.00	\$180.00	\$180.00	3" Macro Core Soil Samples with Acetate Liners		300	each	\$11.00	\$11.00	\$3,300.00	\$3,300.00	3" Macro Core Soil Samples with Acetate Liners			each				\$0.00	\$0.00	3" Macro Core Soil Samples with Acetate Liners			each		\$20.00	\$20.00	\$0.00	\$0.00
1" Sch40 PVC Riser		0	per foot	\$4.50	\$4.50	\$0.00	\$0.00	1" Sch40 PVC Riser		1,200	per foot	\$2.00	\$2.00	\$2,400.00	\$2,400.00	1" Sch40 PVC Riser			per foot				\$0.00	\$0.00	1" Sch40 PVC Riser			per foot		\$0.00	\$0.00		
1" Sch40 PVC 010 Slot Screen including sand to 6" above screen		0	per foot	\$4.75	\$4.75	\$0.00	\$0.00	1" Sch40 PVC 010 Slot Screen including sand to 6" above screen		200	per foot	\$3.00	\$3.00	\$600.00	\$600.00	1" Sch40 PVC 010 Slot Screen including sand to 6" above screen			per foot				\$0.00	\$0.00	1" Sch40 PVC 010 Slot Screen including sand to 6" above screen			per foot		\$0.00	\$0.00		
1" PVC Cap		0	each	\$3.00	\$3.00	\$0.00	\$0.00	1" PVC Cap		20	each	\$8.00	\$8.00	\$160.00	\$160.00	1" PVC Cap			each				\$0.00	\$0.00	1" PVC Cap			each		\$0.00	\$0.00		
Sand and Bentonite Grouting of 3" hole to ground surface		1,000	per foot	\$2.25	\$2.25	\$2,250.00	\$2,250.00	Sand and Bentonite Grouting of 3" hole to ground surface		1,400	per foot	\$2.00	\$2.00	\$2,800.00	\$2,800.00	Sand and Bentonite Grouting of 3" hole to ground surface		1,000	per foot	\$1.95	\$1.95	\$1.95	\$1,950.00	\$1,950.00	Sand and Bentonite Grouting of 3" hole to ground surface			per foot		\$1.75	\$1.75	\$0.00	\$0.00
Soil Vapor Point Installation																																	
Shallow Soil Vapor Point Installation (0-8")		0	each	\$95.00	\$95.00	\$0.00	\$0.00	Shallow Soil Vapor Point Installation (0-8")		1	each	\$300.00	\$300.00	\$300.00	\$300.00	Shallow Soil Vapor Point Installation (0-8")		0	each				\$0.00	\$0.00	Shallow Soil Vapor Point Installation (0-8")			each		\$0.00	\$0.00		
Deep Soil Vapor Point Installation (8-16")		0	each	\$125.00	\$125.00	\$0.00	\$0.00	Deep Soil Vapor Point Installation (8-16")		1	each	\$400.00	\$400.00	\$400.00	\$400.00	Deep Soil Vapor Point Installation (8-16")		0	each				\$0.00	\$0.00	Deep Soil Vapor Point Installation (8-16")			each		\$0.00	\$0.00		
Miscellaneous																																	
Standby Time		0	per hour	\$200.00	\$200.00	\$0.00	\$0.00	Standby Time		1	per hour	\$250.00	\$200.00	\$250.00	\$200.00	Standby Time			per hour				\$0.00	\$0.00	Standby Time			per hour		\$0.00	\$0.00		
55-Gallon DOT Drum		3	each	\$55.00	\$55.00	\$165.00	\$165.00	55-Gallon DOT Drum		2	each	\$65.00	\$65.00	\$130.00	\$130.00	55-Gallon DOT Drum		3	each	\$75.00	\$75.00	\$75.00	\$225.00	\$225.00	55-Gallon DOT Drum			each	\$55.00	\$55.00	\$0.00	\$0.00	
Sub Total						\$17,655.00	\$16,905.00	Sub Total						\$58,515.00	\$56,165.00	Sub Total						\$20,215.00	\$19,540.00	Sub Total						\$64,880.00	\$64,880.00		
Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$16,980.00	Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$56,400.00	Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$19,607.50	Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$64,880.00		
2008 to 2011 5% annual increase to bid items (Zebra only)							\$20,639.30	2008 to 2011 5% annual increase to bid items (Zebra only)								2008 to 2011 5% annual increase to bid items (Zebra only)								2008 to 2011 5% annual increase to bid items (Zebra only)									
MIP Unit		10	per day	\$1,700.00	\$1,625.00	\$17,000.00	\$16,250.00	Truck Drill Rig & Crew (MIP)		10	per day	\$1,650.00	\$1,450.00	\$13,200.00	\$11,600.00	MIP Day Rate		10	per day	\$1,984.50	\$1,890.00	\$1,899.45	\$19,845.00	\$18,900.00	Mobilization/Demobilization		1	LS	\$4,481.00	\$4,481.00	\$4,481.00	\$4,481.00	
MIP Footage		1,000	per foot	\$2.90	\$2.90	\$2,900.00	\$2,900.00	MIP Technician**		10	per hour	\$50.00	\$50.00	\$500.00	\$500.00	Membrane Interface Probe		10	per day	\$475.00	\$475.00	\$475.00	\$475.00	\$475.00	Membrane Interface Probe		10	per day	\$2,300.00	\$2,300.00	\$23,000.00	\$23,000.00	
Union Oversite Rate (per man)		0	per day	\$1,500.00	\$1,500.00	\$0.00	\$0.00	Per Diem Rate (MIP Tech)		10	per day	\$275.00	\$275.00	\$2,750.00	\$2,750.00								\$0.00	\$0.00	Consumables		1	LS	\$9,295.00	\$9,295.00	\$9,295.00	\$9,295.00	
							\$0.00								\$0.00								\$0.00	\$0.00	Weekend Travel (2 DPT, 1 MIP)		3	weekend	\$1,309.00	\$1,309.00	\$3,927.00	\$3,927.00	
							\$0.00	Optional: MIP DPT for basement location		1	each	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00								\$0.00	\$0.00	Weekend Per Diem		1	person/d	\$0.00	\$0.00	\$0.00	\$0.00	
							\$0.00								\$0.00								\$0.00	\$0.00	Data Management		10	per day	\$137.00	\$137.00	\$1,370.00	\$1,370.00	
							\$0.00								\$0.00								\$0.00	\$0.00	Project Management		10	per day	\$93.00	\$93.00	\$930.00	\$930.00	
							\$0.00								\$0.00								\$0.00	\$0.00						\$0.00	\$0.00		
							\$0.00								\$0.00								\$0.00	\$0.00						\$0.00	\$0.00		
							\$0.00								\$0.00								\$0.00	\$0.00						\$0.00	\$0.00		
Sub Total						\$19,900.00	\$19,150.00	Sub Total						\$22,900.00	\$21,200.00	Sub Total							\$20,320.00	\$19,375.00	Sub Total						\$43,003.00	\$43,003.00	
Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$19,225.00	Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$21,370.00	Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$19,469.50	Total (includes 90 of Level D and 10% of Level C costs) times 10 for most items except decon pad and drums							\$43,003.00		
Total							\$39,864.30	Total							\$77,770.00	Total									\$39,077.00	Total							\$107,883.00
																																	\$41,500 to \$54,500 (estimated range)

* Denotes cost should include installation using drive point, 6-inch SS double woven screen, Teflon lined 3/8" polyethylene tubing, sand to 6" above screen and bentonite seal to ground surface.

Former Paul Miller Dry Cleaners Site Surveyor Subcontractor Quote Comparison							
Locations Survey			Bryant	SY Kim	Donald DeKenipp	POPLI	Ramie
Site and Topo Survey including wells1lump sum			1,640.00	4,200.00	5,975.00	4,340.00	6,000.00
Totals			\$1,640.00	\$4,200.00	\$5,975.00	\$4,340.00	\$6,000.00

Former Paul Miller Dry Cleaners Site Geophysical Surveyor Subcontractor Quote Comparison					
Geophysical Survey	Amount	Units	AGS	Naeva Geophysics	Hutchinson Group
Clearing proposed MIP boring locations (Day 1) and monitoring well locations (Day 2)	2	days	\$1,800.00	\$3,007.50	\$4,150.00
Totals			\$3,600.00	\$6,015.00	\$8,300.00

Former Paul Miller Dry Cleaners Site IDW Disposal Subcontractor Quote Comparisor					
Investigation Derived Waste Disposal	Amount	Units	Innovative Recycling Technologies, Inc.	Seacoast Environmental Services, Inc.	Miller Enivornmental Group
Non-hazardous IDW (PPE/Plastics/concrete) drum removal, transportation, and disposal	6	drum	\$120.00	\$66.00	\$130.00
Non-Hazardous SOIL drum removal, transportation, and disposal		drum	\$110.00	\$66.00	\$130.00
Non-Hazardous WATER drum removal, transportation, and disposal		drum	\$110.00	\$66.00	\$150.00
Hazardous IDW (PPE/plastic) drum removal, transportation, and disposal		drum	\$375.00	\$192.00	
Hazardous SOIL drum removal, transportation, and disposal	140	drum	\$215.00	\$192.00	\$175.00
Hazardous WATER drum removal, transportation, and disposal	20	drum	\$200.00	\$192.00	\$236.00
Hazardous CONCRETE removal, transportation, and disposal	3	drum	\$205.00	\$320.00	\$300.00
Drum Handling fee	140	drum		\$14.00	
Manifesting & approval fees (per load)	6	load			\$50.00
Pickup/Transportation fee (30 drums/load)	6	load			\$1,000.00
Stop-off Fee/Truckload rates (haz. non haz is \$1200 per truckload)	3	ea		\$2,400.00	
Totals			\$35,435.00	\$41,236.00	\$37,200.00

Former Paul Miller Dry Cleaners Site Vehicle Rental Price Comparisons					
Truck Rental	Amount	Units	Alamo*	Enterprise	Avis
Field Truck or Van	15	weeks	\$401.29	\$548.59	\$401.29
Totals			\$6,019.35	\$8,228.85	\$6,019.35

* Alamo offers unlimited mileage, has larger vehicle than Avis, and is willing to match any rental company's rates in the area.

Former Paul Miller Dry Cleaners Site Box Truck (for mobilization of sub-slab depressurization system pilot study equipment) Rental Price Comparison					
Box Truck Rental	Amount	Units	Ryder	Penske	Budget
Field Truck or Van	5	day	\$106.72	\$134.81	\$124.12
Totals			\$533.60	\$674.05	\$620.60

Former Paul Miller Dry Cleaners Site Air Laboratory Analysis Quote Comparison					
Chemical Analysis	Amount	Units	ChemTech	Mitkem	Air Toxics
Air					
Summa Cannisters/Regulators/Tedlar bags	7	ea	\$60.78	\$130.00	\$95.67
TO-15 Air	6	ea	\$217.58	\$265.00	\$244.24
Summa Cannister Re-Certification fee	1	ea	\$115.76	\$50.00	\$50.00
Totals			\$1,846.64	\$2,550.00	\$2,185.09

Former Paul Miller Dry Cleaners Site Rental Equipment Price Comparisons					
Equipment Rental	Amount	Units	Pine	US Environmental	Environmental Equipment and Supply
PIDs for headspace and CAMP	3	monthly	\$398.75	\$420.00	\$800.00
Totals			\$1,196.25	\$1,260.00	\$2,400.00
Community Air Monitoring Equipment - comparison for entire system					
PINE					
PID-MiniRAE 3000 10.6 120V D (#2) (monthly)	3	monthly	\$398.75	\$1,196.25	
PID-MiniRAE 3000 10.6 120V D (#2) (weekly)	2	weekly	\$110.00	\$220.00	
dust meter - MIE DR-4000 (#1) (monthly)	3	monthly	\$660.00	\$1,980.00	
dust meter - MIE DR-4000 (#1) (weekly)	2	weekly	\$247.50	\$495.00	
dust meter - MIE DR-4000 (#2) (monthly)	3	monthly	\$660.00	\$1,980.00	
dust meter - MIE DR-4000 (#2) (weekly)	2	weekly	\$247.50	\$495.00	
Tripod w/ case (#1) (monthly)	3	monthly	\$82.50	\$247.50	
Tripod w/ case (#1) (weekly)	2	weekly	\$27.50	\$55.00	
Tripod w/ case (#2) (monthly)	3	monthly	\$82.50	\$247.50	
Tripod w/ case (#2) (weekly)	2	weekly	\$27.50	\$55.00	
Alarm System Radio Transmitter (2 @ monthly)	6	monthly	\$99.00	\$594.00	
Alarm System Radio Transmitter (2 @ weekly)	4	weekly	\$33.00	\$132.00	
JOB COM Radio VHF JMX-141-D (2 @ monthly)	6	monthly	\$55.00	\$330.00	
JOB COM Radio VHF JMX-141-D (2 @ weekly)	4	weekly	\$16.50	\$66.00	
			\$8,093.25		
US Env					
RAE Systems MiniRAE 2000 PID 11.7ev (monthly)	3	monthly	\$420.00	\$1,260.00	
RAE Systems MiniRAE 2000 PID 11.7ev (weekly)	2	weekly	\$120.00	\$240.00	
TSI 8530 DUSTTRAK (#1) (monthly)	3	monthly	\$540.00	\$1,620.00	
TSI 8530 DUSTTRAK (#1) (weekly)	2	weekly	\$180.00	\$360.00	
TSI 8530 DUSTTRAK (#2) (monthly)	3	monthly	\$540.00	\$1,620.00	
TSI 8530 DUSTTRAK (#2) (weekly)	2	weekly	\$180.00	\$360.00	
Env Enclosure with Tripod (#1) (monthly)	3	monthly	\$108.00	\$324.00	
Env Enclosure with Tripod (#1) (weekly)	2	weekly	\$36.00	\$72.00	
Env Enclosure with Tripod (#2) (monthly)	3	monthly	\$108.00	\$324.00	
Env Enclosure with Tripod (#2) (weekly)	2	weekly	\$36.00	\$72.00	
RAE Link for MiniRAE (2 @ monthly)	6	monthly	\$330.00	\$1,980.00	
RAE Link for MiniRAE (2 @ weekly)	4	weekly	\$108.00	\$432.00	
RAE Link for DustTrak (2 @ monthly)	6	monthly	\$330.00	\$1,980.00	
RAE Link for DustTrak (2 @ weekly)	4	weekly	\$108.00	\$432.00	
RAE Link Wirelss Host (2 @ monthly)	6	monthly	\$330.00	\$1,980.00	
RAE Link Wirelss Host (2 @ weekly)	4	weekly	\$108.00	\$432.00	
			\$13,488.00		
Environmental Equipment and Supply					
THERMO 580B OVM 11.8EV. LAMP (monthly)	3	monthly	\$800.00	\$2,400.00	
THERMO 580B OVM 11.8EV. LAMP (weekly)	2	weekly	\$275.00	\$550.00	
THERMO PDR 1000 (#1) (monthly)	3	monthly	\$565.00	\$1,695.00	
THERMO PDR 1000 (#1) (weekly)	2	weekly	\$200.00	\$400.00	
THERMO PDR 1000 (#2) (monthly)	3	monthly	\$565.00	\$1,695.00	
THERMO PDR 1000 (#2) (weekly)	2	weekly	\$200.00	\$400.00	
Env Enclosure with Tripod (#1) (monthly)	3	monthly	N/A	\$0.00	
Env Enclosure with Tripod (#2) (monthly)	3	monthly	N/A	\$0.00	
RAE Link for MiniRAE (monthly)	6	monthly	N/A	\$0.00	
RAE Link for DustTrak (monthly)	6	monthly	N/A	\$0.00	
RAE Link Wirelss Host (monthly)	6	monthly	N/A	\$0.00	
			\$7,140.00		

N/A - not available

Former Paul Miller Dry Cleaners Site Laboratory Analysis Quote Comparison					
Chemical Analysis	Amount	Units	Mitkem	ChemTech	Hampton-Clarke/ Veritech
Groundwater					
VOCs 8260B	37	ea	\$69.00	\$103.32	\$91.16
SVOCs 8270C	32	ea	\$159.00	\$230.95	\$218.79
Full List CLP-TCL/TAL+30	10	ea	\$420.00	\$632.06	\$670.96
CLP-TCL Inorganics* (Metals)	6	ea	\$65.00	\$127.63	\$147.08
Nitrate and Nitrite (separate)	16	ea	\$40.00	\$36.47	\$48.62
Sulfate	16	ea	\$20.00	\$18.23	\$24.31
Sulfide	16	ea	\$15.00	\$18.23	\$25.53
Chloride	16	ea	\$15.00	\$18.23	\$24.31
Alkalinity	16	ea	\$5.00	\$18.23	\$18.23
Total organic carbon (9060)	16	ea	\$30.00	\$50.00	\$24.00
Methane, ethane, ethene	16	ea	\$75.00	\$125.00	\$60.00
Soil					
VOCs 8260B	28	ea	\$69.00	\$103.32	\$91.16
SVOCs 8270C	19	ea	\$159.00	\$230.95	\$218.79
Full List CLP-TCL/TAL+30	6	ea	\$420.00	\$632.06	\$670.96
Investigation Derived Waste					
VOCs 8260B (for total VOCs)	15	ea	\$69.00	\$97.24	\$82.65
TCLP VOCs (8260B)	15	ea	\$69.00	\$97.24	Included in TCLP Extraction cost
TCLP SVOCs (8270C)	15	ea	\$159.00	\$218.79	Included in TCLP Extraction cost
Pesticides/PCBs (8081A/8082)	15	ea	\$127.00	\$121.55	Pest Included in TCLP Extraction cost
PCBs (8082)	15	ea			\$54.70
Herbicides (8151)	15	ea	\$160.00	\$103.32	Included in TCLP Extraction cost
Metals (TAL)	15	ea	\$65.00	\$115.47	\$122.77
TCLP Extraction (1311)	15	ea	\$35.00	\$60.78	\$516.59
pH (9040)	15	ea	\$5.00	\$12.16	\$2.43
RCRA Corrosivity (9045C)	15	ea	\$5.00	\$12.16	\$2.43
RCRA Ignitability (1010, 1029A, 1030)	15	ea	\$20.00	\$24.31	\$13.37
Reactivity (9012, SW-846 Ch7, Sec 7.3)	15	ea	\$60.00	\$48.62	\$38.90
Reactive Cyanide (9012A)	15	ea	\$25.00	\$24.31	\$19.45
Totals			\$34,889.00	\$47,962.13	\$45,101.01
Former Paul Miller Dry Cleaners Site Concrete Laboratory Analysis Quote Comparison					
Chemical Analysis	Amount	Units	Mitkem	Chemtech	Test America
Concrete Sampling					
Volatile Organics for concrete (8260B)	8	ea	\$69.00	\$103.32	\$80.00
Concrete sample preparation (for >1/4 inch)	8	ea	\$0.00	\$95.00	\$25.00
Totals			\$552.00	\$1,586.54	\$840.00
Total Groundwater, Soil, IDW, and Concrete			\$35,441.00	\$49,548.68	

Grey highlighted cells are analyses that are not on the laboratory subcontractor Standby bid sheet.

former Paul Miller Dry Cleaners
Engineer's Estimate for
Sub-Slab Depressurization System Design
(for site building)

		LABOR COSTS							OTHER		
		Sr. Eng.	Sr. Sci.	Eng./Sci.	Jr. Eng.	Laborer	Drafter	Admin	Materials and Equipment	Mileage	Subcontractor
NSPE EQUIVALENT		IX	VIII	IV	III	II	II	II			
TASK		HOURS									
Pre-Design											
	Site Visit	8		16	8					\$150	
	Document Review	8		16	16						
	Indoor Survey										\$8,000
SUBTOTAL (PRE-DESIGN)		16	0	32	24	0	0	0		\$150	\$8,000
Pilot Study											
	Develop Work Plan	2		16	32		8				
	Generator Rental								\$2,000		
	CDM Blower System Use Fee								\$500		
	Box Truck Rental								\$1,000		
	Moisture Separator								\$500		
	VPGAC Drum								\$600		
	Piping and Materials								\$700		
	Pilot Study Procurement and Prep.			8	16	16					
	Construct/Install Pilot System			16	16	16					
	Electrical Hookup								\$500		\$3,000
	Conduct Pilot Study	8		16	16	16					
	Breakdown Pilot Study			8	8	8			\$500	\$300	
SUBTOTAL (PILOT STUDY)		10	0	64	88	56	8	0	\$6,300	\$300	\$3,000
Perform Design											
	Evaluate Pilot Test Data	2		8	16						
	Pilot Study Results Memo	4		8	16						
	Design Site Layout	2		8	16		8				
	Size Blower	2		8	16						
	Size Piping	2		4	8						
	Cover Sheet	2		1	1		4				
	Piping and Instrumentation Plan	2		16	24		8				
	Mechanical Plan	2		8	16		8				
	Mechanical Details	2		8	16		8				
	Specifications	4		16	24		4				
	Permitting Review	4	24	4	8						
	Design Report/Narrative	16		32	64						
	Review	16		8	2						
	Revise			16	24		16				
	Produce and Ship Draft Design							16	\$500		
	Review Conference with DEC	4		8	4						
	Revise	2		16	32		16				
	Produce and Ship Final Design							16	\$500		
SUBTOTAL (DESIGN)		66	24	169	287	0	72	32	\$6,300		
TOTAL HOURS & Non-Salary Direct Costs		92	24	265	399	56	80	32	\$12,600	\$450	\$11,000

Andrea Indelicato - FW: SVE Skid Quote

From: "Ramacciotti, Cristina" <RamacciottiCN@cdm.com>
To: Andrea Indelicato <alindeli@gw.dec.state.ny.us>
Date: 1/26/2011 5:32 PM
Subject: FW: SVE Skid Quote

Will this suffice?

From: Van Bogaert, Joshua
Sent: Wednesday, January 26, 2011 4:57 PM
To: Ramacciotti, Cristina
Subject: SVE Skid Quote

I just followed up...he said he "sent me an email" this morning and never heard back.

Anyways, Rob at Shrader Environmental gave me an over the phone quote of \$975/wk (1 week) or \$900/wk (2 weeks) for rental, not including shipping. He's going to email me something on paper tomorrow, including shipping to 08837.

This is for a single 5 HP regenerative blower skid with a flowmeter and knockout tank. Our skid at the warehouse is 2 x 2.5 HP regenerative blowers without a knockout tank. We're going to have to build or buy a new knockout tank because the one we have now is rusted out. In the estimate I previously gave you, I included \$500 for this under "moisture separator".

Josh

Josh Van Bogaert, P.E. | CDM | 110 Fieldcrest Avenue, 6th Floor | Edison, NJ 08837 | T/F: 732.590.4680 | www.cdm.com

From: "Ramacciotti, Cristina" <RamacciottiCN@cdm.com>
To: Andrea Indelicato <alindeli@gw.dec.state.ny.us>
CC: Kevin Sarnowicz <kpsarnow@gw.dec.state.ny.us>
Date: 1/27/2011 7:45 AM
Subject: FW: SVE quote

Hi Andrea,

Here's the equipment company's officially emailed quote.

Please let me know if you'd like me to roll this into the subcontractor comparison page, or if this is okay, since it's for just one quote.

Thanks,
Cristina

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

From: Van Bogaert, Joshua
Sent: Wednesday, January 26, 2011 10:58 PM
To: Ramacciotti, Cristina
Subject: FW: SVE quote

From: Rob Stack [rob@schraderenviro.com]
Sent: Wednesday, January 26, 2011 5:43 PM
To: Van Bogaert, Joshua
Cc: 'Rob Stack'
Subject: RE: SVE quote

Josh, a quick budgetary number for a EN707 SVE pilot test skid would be \$975.00 per week, plus shipping. If you commit to 2-weeks or more \$900.00 per week, plus shipping. Longer terms we surely can adjust the rent accordingly.. I will get you a formal quote tomorrow and a couple pictures of a similar skid, as the one I will quote is out for a couple more days..

Thanks,

Rob Stack
Project Manager
Schrader Environmental Services, Inc.

212 S. Pine River
Ithaca, MI 48847
Phone (989) 875-6500
Fax (989) 875-8880

www.RemediationEquipment.com<<http://www.RemediationEquipment.com/>>

From: Van Bogaert, Joshua [mailto:VanBogaertJO@cdm.com]
Sent: Wednesday, January 26, 2011 4:50 PM
To: rob@schraderenviro.com
Subject: SVE quote

Josh

Josh Van Bogaert, P.E. | CDM | 110 Fieldcrest Avenue, 6th Floor | Edison, NJ 08837 | T/F: 732.590.4680
| www.cdm.com<<http://www.cdm.com/>>

**SCHRADER ENVIRONMENTAL SERVICES, INC.**212 S PINE RIVER
ITHACA, MI 48847OFFICE (989) 875-6500
FAX (989) 875-8880
SALES@SCHRADERENVIRO.COM

FAX PROPOSAL

PROPOSAL NUMBER: RS012711-1**ATTN: JOSH VANBOGAERT****TO:** CDM
110 Fieldcrest Avenue, 6th Floor
Edison, New Jersey 08837**DATE:** January 27, 2011**PHONE:** 732 590 4680**EMAIL:** vanbogaetjo@cdm.com**RE:** Rental of SVE Pilot Test Skid**SITE:** Edison, New Jersey

Item:	Description:	Quantity:	Item cost:	Total:
System to include the following:				
1	Skid Mounted Soil Vapor Extraction System Includes: <ul style="list-style-type: none">- Rotron Model EN 707 Regenerative Blowers- 5 hp 460/3/60 VAC EXP motor- Vacuum relief valve- Vacuum & temperature gauge and direct reading Airflow meter- 4' discharge stack- 3" male camlock inlet- Manual On/Off- Overload Protection- Motor Starter- Fused disconnect- 20' of SO cord	1- week	\$950.00 Up to One Week	\$950.00
3	Mobilization to the Edison, New Jersey <i>* Shipping estimated as trucking rates change with fuel cost shipped via common carrier off-loading by others</i>	1	\$348.00	\$348.00
4	Demobilization from Edison, New Jersey <i>* Shipping estimated as trucking rates change with fuel cost shipped via common carrier off-loading by others</i>	1	\$348.00	\$348.00
PRE TOTAL:				\$1,646.00

Note:

*Skid operation, hoses, generator, and system connections by others at this time.
System quoted does not have a knock out, if ground water is anticipated, SES
can quote a system with a knock out.*

DELIVERY: 1-2 Weeks after placement of order, based on equipment availability

RENTAL TERMS: First weeks rent due with order plus shipping and a signed rental contract
1½% per month finance charge will apply to any invoices over 30 days.
The above pricing does not include any applicable sales tax.

MODIFICATION OF RENTAL EQUIPMENT: Any modification (removal or replacement) either
mechanical or electrical for site specific applications that require SES re-work before or after the rental
period will be billed.

ACCEPTANCE:

Accepted by: _____ Date: _____

Printed Name & Title: _____ Company: _____

Purchase Order #: _____

Thank you for the opportunity to quote your environmental equipment/service needs.
Sincerely,
Schrader Environmental Services, Inc.

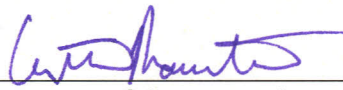
Rob Stack
Project Manager

**New York State
Department of Environmental Conservation
Division of Environmental Remediation**

Subcontract Certification

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 includes 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 does include 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, the COI certification must be submitted to the project manager upon activation.)
4. For subcontracts in excess (or anticipated to be) of \$10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of \$10,000 the subconsultant 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>.)
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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) is included as appropriate.
9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

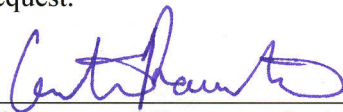
	1/14/2011
Signature of Contractor's Authorized Representative	Date
<u>Camp Dresser & McKee</u>	<u>D004437-35</u>
Contractor Name	Contract No. WA No.
<u>Nancy Potak - Data Validation</u>	
Subcontractor Name	3/2/07

**New York State
Department of Environmental Conservation
Division of Environmental Remediation**

Subcontract Certification

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	1/14/2011
Signature of Contractor's Authorized Representative	Date
Camp Dresser & McKee	D004437-35
Contractor Name	Contract No. WA No.
Delta Well & Pump Co., Inc.	
Subcontractor Name	3/2/07

**New York State
Department of Environmental Conservation
Division of Environmental Remediation**

Subcontract Certification

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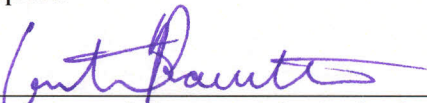
	1/14/2011
Signature of Contractor's Authorized Representative	Date
Camp Dresser & McKee	D004437-35
Contractor Name	Contract No. WA No.
Advanced Geological Services	
Subcontractor Name	3/2/07

**New York State
Department of Environmental Conservation
Division of Environmental Remediation**

Subcontract Certification

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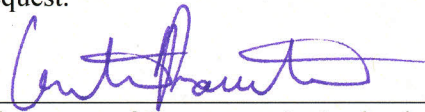
	1-17-2011
Signature of Contractor's Authorized Representative	Date
Camp Dresser & McKee	D004437-35
Contractor Name	Contract No. WA No.
Mitkem Laboratories	
Subcontractor Name	3/2/07

**New York State
Department of Environmental Conservation
Division of Environmental Remediation**

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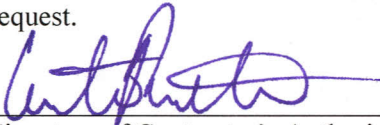
	1/14/2011
Signature of Contractor's Authorized Representative	Date
Camp Dresser & McKee	D004437-35
Contractor Name	Contract No. WA No.
ChemTech	
Subcontractor Name	3/2/07

New York State
Department of Environmental Conservation
Division of Environmental Remediation

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Signature of Contractor's Authorized Representative

Camp Dresser & McKee

Contractor Name

Vironex

Subcontractor Name

1/24/2011

Date

D004437-35

Contract No. WA No.

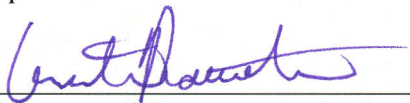
3/2/07

**New York State
Department of Environmental Conservation
Division of Environmental Remediation**

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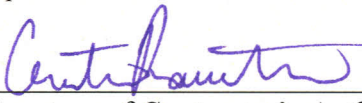
	1/14/2011
Signature of Contractor's Authorized Representative	Date
Camp Dresser & McKee	D004437-35
Contractor Name	Contract No. WA No.
Bryant Associates, P.C.	
Subcontractor Name	3/2/07

New York State
Department of Environmental Conservation
Division of Environmental Remediation

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	1/14/2011
Signature of Contractor's Authorized Representative	Date
Camp Dresser & McKee	D004437-35
Contractor Name	Contract No. WA No.
Innovative Recycling Technologies, Inc.	
Subcontractor Name	3/2/07