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December 10, 2012

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

PROJECT: NYSDEC Standby Contract No. D007621
Work Assignment No.: D007621-02
Shulman's Salvage Yard

Dear Ms. Indelicato:

Camp Dresser McKee & Smith (CDM Smith) is pleased to submit our revised scope and cost for above referenced work assignment to conduct a Remedial Investigation and Feasibility Study at the Shulman Salvage Yard site as requested by the NYSDEC.

The cost estimate provided by the NYSDEC was \$168,751. CDM Smith has prepared a cost estimate of \$461,260. The significant differences are as follows:

- A duration of 12 months was assumed for the work assignment. CDM Smith estimates the scope of work will require 27 months to complete.
- Subcontract costs for management and disposal of investigation derived waste were not included in the cost estimate.
- Duration of the field investigation was underestimated. The cost estimate assumed that 15 wells could be installed 7 days, which is approximately half of the time required.
- Reporting and data validation were left out of the Phase II activities estimate.
- QA/QC samples, field blanks and trip blanks are not included in the laboratory subcontract estimate.
- Preparation of the electronic data deliverable was not included in the estimate.





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- Level of effort for the Remedial Investigation Reports and Feasibility Study Report were underestimated by an order of magnitude.

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

If you have any questions, or need additional information, please call me at 518-782-4509.

Very truly yours,

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

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

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

cc: M. Cruden, NYSDEC
D. Durfee, CDM Smith
File

Schedule 1

Shulman's Salvage Yard - (NYSDEC Site No. 8-08-013) Scope of Work

Background

The Shulman's Salvage Yard Site is located at One Shulman Plaza in a mixed residential and commercial area in the City of Elmira, Chemung County. The 7.34 acre property is located along the intersection of Eastern Washington Avenue and Clemens Center Parkway. The primary site features include four permanent building along with a weigh station and a scale house trailer. With the exception of an asphalt surface along the southern portion of the site, the remainder of the site is unimproved and used for the storage and handling of salvage materials.

Site Features/Current Zoning Use(s):

The property is zoned commercial and used for metal salvaging operations including accepting scrap metal/damaged vehicles, dismantling of the vehicles, and crushing the vehicles for sale as scrap metal. The property is bordered immediately to the west and south by a combination of residential and commercial properties. Clemens Center Parkway borders the property immediately to the east and the Norfolk and Southern Railway borders the site to the north.

The property has operated as the Shulman's Salvage Yard for various metal salvaging operations since the late 1960's/early 1970's. Data collected during initial site characterization activities at the site indicate that metal salvaging operations have resulted in polychlorinated biphenyl (PCB), volatile organic compound (VOC) and Metals contamination at the site. The investigation data did not provide information on when and for what duration the disposal of these chemicals actually occurred at the site.

The site is located approximately 1,200 feet northwest of the Former Diamond Cleaners Class 2 Inactive Hazardous Waste Disposal Site (HW ID No. 8-28-120) located at 717 Lake Street and approximately 1,000 feet northwest of the 717-727 Dickinson Street Class A site.

Initial site characterization activities were performed at the site in the mid-to-late 1980's. A Remedial Investigation/Feasibility Study (RI/FS) work plan was prepared by the Responsible Party (RP), but the RP challenged their requirement to conduct the activities specified by the work plan. The RP's challenge was upheld and the RI/FS was not performed. A RI/FS needs to be completed at the site to determine the nature and extent of contamination and to identify appropriate remedial actions to address site contamination.

Site Geology and Hydrogeology:

The site geology is mapped as outwash sand and gravel and consists of fine to coarse sand and gravel with occasional silty clay lenses. Bedrock was not encountered on-site at depths up to 25 feet below ground surface. Groundwater occurs at a depth of approximately 2 to 8 feet beneath the ground surface and flows in a northeast direction toward the Sullivan Street water supply wells and Newtown Creek. The Sullivan Street water supply wells, located approximately 4,000 feet northeast of the site,

have not been used since the late 1990's and are not planned to be used in the foreseeable future according to the Elmira Water Board.

The nearest surface water body is a small pond located approximately 2,200 feet east of the site and identified as Weyer Pond. Newtown Creek is located approximately 500 feet further to the east of Weyer Pond and is located approximately 3,000 feet east of the Shulman's Salvage Yard site. Newtown Creek flows to the south and drains into the Chemung River. The majority of surface water runoff from the site is captured by a stormwater collection system that drains into the Chemung River. The site is located over a primary aquifer.

Scope of Work

Task 1 – Preliminary Activities

This task includes the labor needed for reviewing background documents, developing the preliminary and final scope and budget (Schedule 2.11s), site visits, health and safety plan preparation, subcontract preparation, project meetings, project management and administration costs for 2012, 2013 and 2014.

Task 2 – Phase I Remedial Investigation

This task includes the labor and subcontractor support to complete the Phase 1 Remedial Investigation. This Task will include mobilization, soil boring installation and sampling, monitoring well installation, development and round 1 sampling, sediment sampling, surface water sampling, survey oversight, and IDW management. These activities are discussed in detail below.

Mobilization and Demobilization

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

- Survey Oversight – The survey subcontract includes a topographic survey of the site and subsequent location of wells and sampling locations.
 - The topographic survey will be completed in 2 days and that the sampling locations and monitoring wells will require 1 additional day.
 - The topographic survey will include the perimeter of the junk piles, but not the vertical extent, due to health and safety concerns of climbing the piles.
- IDW Oversight – The IDW subcontract includes sampling and transport and disposal of 55-gallon drums of soil and 7500 gallons of purge and decontamination water generated during the sampling activities. This subcontract also includes delivery, rental, cleaning and removal of a 10,000 tank.
 - It is assumed that the waste generated will be disposed of as non-hazardous. If the waste is characterized as hazardous, the disposal costs will increase significantly.

Disposal costs for RCRA hazardous and TSCA hazardous waste have been included in the 2.11s, but the quantities have been assumed to be 0.

- It is assumed that a truck accessible area is available at or near the site for staging of IDW. If this is not the case, additional costs and level of effort may be required for identifying and securing access to an area for IDW staging, rental of the area, transport of IDW to the area and restoration of the area.
- CDM Smith, in consultation with NYSDEC, will determine if the wastes are hazardous or non-hazardous and will obtain an EPA waste ID number if the material must be disposed of off-Site.
- NYSDEC will issue a Hazardous Waste Determination Letter for IDW, and then an IDW Subcontractor will remove IDW from the Site.

Remedial Investigation – Phase I

Phase I of the Remedial Investigation includes soil borings, surface water and sediment sampling, well development, water level readings, and groundwater sampling.

- Soil borings - will be collected from 60 locations. Forty-five (45) soil borings will be drilled using direct push technology to 12 feet bgs and 15 soil borings will be advanced to 30 feet bgs.
 - The NYSDEC scope of work calls for the borings to be 12 feet deep. However, it is recommended that 15 of the borings be advanced to 30 feet bgs to investigate the lower, semi-confined aquifer. The deeper borings will be identified in the field based on PID readings and historical samples.
 - Two samples will be collected at each of the 45 shallow borings, one from 0-2 feet bgs and one at the bottom of the boring or the interval of highest PID readings. Special attention will be paid to the 18-24 inch interval where PCB contamination was highest and most widespread in historical samples.
 - Three samples will be collected from the 30 foot borings, one from 0-2 feet, one at the water table or interval with the highest PID readings and one at the bottom of the boring.
 - All samples will be analyzed by a New York State Department of Health (NYSDOH) approved, ELAP certified laboratory for TCL PCBs (135 samples). Subsurface samples will be analyzed for TCL VOCs (75 samples). Twenty percent (27 samples) of samples will also be analyzed for TCL SVOCs, TAL Metals, hexavalent chromium, cyanide and mercury.
 - Duplicates and matrix spike/matrix spike duplicates (MS/MSD) will be taken at a rate of one (1) per twenty (20) samples.
- Sediment sampling – Collection of five (5) sediment samples from the sewer system to evaluate the potential contamination downgradient.
 - CDM Smith assumes that all the sample locations can be readily accessed and will not require entering a confined space. Confined space entry will require revision of the

- site health and safety plan and additional time and equipment for collection of the samples.
 - PID readings will be collected prior to collection of the sample.
 - The sediment samples will be analyzed by a NYSDOH approved, ELAP certified laboratory for TCL VOCs, TCL SVOCs, PCBs, TAL Metals, cyanide, mercury and total organic carbon.
- Surface water sampling - Collection of three (3) composite drainage inlet samples to be collected during a high precipitation event in order to evaluate site runoff potentially contaminated by the storage of scrap metal on-site
 - CDM Smith assumes that all the sample locations can be readily accessed and will not require entering a confined space. Confined space entry will require revision of the site health and safety plan and additional time and equipment for collection of the samples.
 - PID readings and water quality parameters will be collected prior to collection of the sample.
 - The sediment samples will be analyzed by a NYSDOH approved, ELAP certified laboratory for TCL VOCs, TCL SVOCs, PCBs, TAL Metals, cyanide, mercury and hardness.
- Monitoring well installation – Fifteen monitoring wells will be installed using 4.25 inch hollow stem augers per the generic QAPP. Ten wells will be installed to 20 feet bgs. Five wells will be installed to 30 feet bgs.
 - The wells will be constructed of 2 inch PVC with 0.010 slot screen.
 - Two PIDs and one particulate monitor with data logging capability will be present and active at the Site at all times during the drilling activities to satisfy the requirements of the NYSDOH generic Community Air Monitoring Plan (CAMP).
 - Monitoring wells will be developed. A minimum of 48 hours will be allowed between well installation and well development. Wells will be developed until the turbidity of the water is less than 50 NTUs and the water quality parameters have stabilized within +/- 10% or to the extent possible in 4 hours.
- Synoptic water levels will be recorded from all the monitoring wells. The synoptic water levels will be collected on the same day prior to monitoring well sampling. Depth to water measurements will be recorded to the closest 100th of an inch.
- Monitoring well sampling (round 1)- Groundwater samples will be collected at 15 new or existing monitoring wells. Samples will be collected using the EPA Low Flow Sampling method. Water quality parameters will be recorded during purging. Groundwater samples will be analyzed by a NYSDOH approved, ELAP certified laboratory for TCL VOCs, TCL SVOCs, PCBs, TAL Metals, cyanide and mercury.

Task 3 – Phase II Remedial Investigation

This task includes the labor and subcontractor support to complete the Phase II Remedial Investigation. This Task will include mobilization, round two (2) groundwater sampling, and soil vapor sampling. These activities are discussed in detail below.

- Monitoring well sampling (round 2)- Groundwater samples will be collected at 15 new or existing monitoring wells. Samples will be collected using the EPA Low Flow Sampling method. Water quality parameters will be recorded during purging. Groundwater samples will be analyzed by a NYSDOH approved, ELAP certified laboratory for TCL VOCs, TCL SVOCs, PCBs, TAL Metals, cyanide and mercury.
- Soil Gas Sampling will be conducted at 20 locations. The borings will be installed to 6 feet bgs using a direct push drilling rig. Samples will be analyzed by a NYSDOH approved, ELAP certified laboratory for VOCs.

Task 4 – Data Management

CDM Smith has included a task for data management. Data collected during both phases of the remedial investigation at the Shulman Salvage site will be entered into an EDD for the Site. This will include the following items:

- Lithologic data from the soil borings and monitoring wells.
- Survey and well construction data
- Phase I Remedial Investigation data
- Phase II Remedial Investigation data

Task 5 – Remedial Investigation Reports

This task includes the effort to reduce, tabulate, and evaluate the data collected during the field activities, create lithologic logs monitoring wells and groundwater screening locations, develop report graphics and write and assemble the Phase I and Phase II RI Reports.

A total of two hard copies of a draft Phase I and Phase II RI reports will be submitted by CDM Smith that documents the work conducted and presents the results of the sample analysis for review and comment by NYSDEC and NYSDOH. CDM Smith shall revise the draft RI reports and print the requested number of copies based on receipt of the comment letters. Two copies of the final RI reports; text, tables, maps, photos, etc., will be submitted as a single .pdf file. All electronic files will be submitted to NYSDEC on a compact disc.

All samples will be analyzed by a NYSDOH approved ELAP certified laboratory. A NYSDEC ASP Category B data deliverable will be provided for these analyses.

All samples run for laboratory analysis will be validated in accordance with NYSDEC Data Usability Summary Report (DUSR) guidance by a party that is independent of the laboratory that performed the analyses and CDM. A usability analysis will be conducted by a qualified data validator and a DUSR will be submitted to the NYSDEC.

Task 6 – Feasibility Study

Under this task, technologies will be evaluated and alternatives will be developed and screened qualitatively against three criteria: effectiveness, implementability, and relative cost. A range of alternatives will be developed that consider both standard and innovative remedial technologies for treatment of contaminated vapors, soil, sediment, surface water and groundwater.

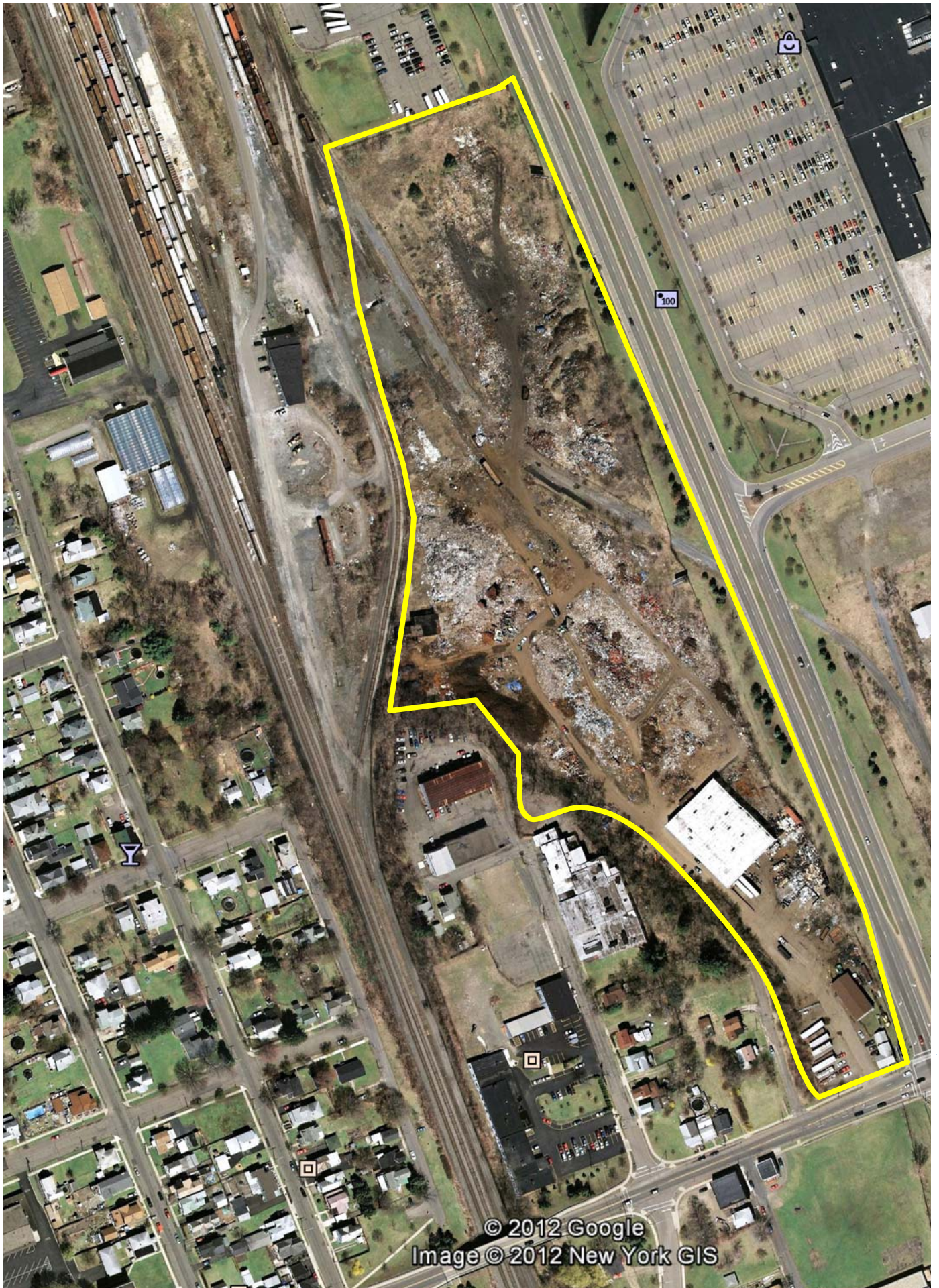
Two copies of a draft Feasibility Study (FS) Report documenting the work conducted and presenting the results of the sample analysis will be submitted by CDM Smith to NYSDEC and NYSDOH for review and comments. CDM Smith shall revise the draft FS Report and print the requested number of copies based on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

Task 7 – Public Meeting Assistance and PRAP Support

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

Project Schedule - Shulman's Salvage Yard

Task	Schedule	Duration
Task 1 - Preliminary Activities	October 2012 to December 2014	27 months
Task 2 - Phase I Remedial Investigation		
Mobilization/demobilization (Phase I)	November 2012	3 days
Survey Oversight	November 2012	3 days
IDW Oversight	November 2012	3 days
Sediment Sampling	November 2012	1 day
Surface Water Sampling	November 2012	1 day
Soil Boring Oversight and Management	November 2012	12 days
Monitoring Well Installation Oversight and Management	December 2012	17 days
Well Development	December 2012	6 days
Groundwater Elevation Survey	January 2013	1 day
Groundwater Sampling (R1)	January 2013	5 days
Task 3 - Phase II Remedial Investigation		
Mobilization/demobilization (Phase II)	May 2013	3 days
Groundwater Elevation Survey (R2)	May 2013	1 day
Groundwater Sampling (R2)	May 2013	5 days
Soil Gas Sampling	May 2013	3 days
Survey Oversight	May 2013	1 day
IDW Oversight	May 2013	2 days
Task 4 - Data Management		
Phase I	May 2013	8 weeks
Phase II	November 2013	8 weeks
Task 5 - Remedial Investigation Report		
Phase I Draft	May 2013	8 weeks
Phase I Final	July 2013	2 weeks
Phase II Draft	August 2013	8 weeks
Phase II Final	November 2013	2 weeks
Task 6 - Feasibility Study		
Draft	December 2013	12 weeks
Final	March 2014	4 weeks
Task 7 - Public Meeting Assistance and PRAP Support	December 2014	6 months



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Standby Engineering Contract Work Assignment Package Checklist

Contracts Executed After 2010 (D007617 - D007626)

Contractor Name: CDM**Date: October 25, 2012****WA No. and Name: D007621-02/Shulman's Salvage Yard****Reviewer:**

	WORK ASSIGNMENT PACKAGE	Yes	No	Comments
	Includes a cover letter, completed WA Package checklist, Scope of Work (Schedule 1), Budget (Schedule 2.11(a)-(g)), relevant subcontractor documentation, and an M/WBE Utilization Plan.	X		
1	Cover Letter			
	Provides explanation for significant differences between the costing tool report and the scope of work and budget submitted.	X		
	For amendments, provides an explanation of changes in scope of work and/or budget by task. Includes total dollar value of amendment being requested.			NA
2	Schedule 1 (Scope of Work)			
	Includes breakdown of tasks and subtasks.	X		
	Tasks in the scope of work match the tasks in the Schedule 2.11s.		X	consolidated
	Includes schedule for completion of tasks.	X		
	Duration of anticipated work does not exceed 24 months. (Work subsequent to that should be part of a future amendment or new work assignment.)		X	POP is 27 months
	For amendments, includes new and previous tasks for a comprehensive scope of work.			NA
3	Schedule 2.11(b) - Direct Labor Costs			
	Average reimbursement rates are used for each year. Future years escalate 3%.	X		
	Hours are segregated by year.	X		
	Total cost for each NSPE level is shown.	X		
	Total direct labor cost matches amount on Schedule 2.11(a).	X		
	The Principal's (NSPE IX) labor hours budgeted for WA are less than 2% of the total.	X		
	Direct Administrative Labor Hours - is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	X		
	Total labor hours match hours on Schedule 2.11(g).	X		
4	Schedules 2.11(c) - Direct Non-Salary Costs, Equipment and Consumables, Miscellaneous			
	Rates listed in Schedule 2.11(c) are consistent with contract.	X		
	Rates for in-house and/or misc. costs match contract Schedule 2.10(b) or 2.10(c).			NA
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR.	X		
	Quotes are included for any non-contract items (<u>including</u> consultant-owned equipment; equipment purchases and rentals; <u>excluding</u> air fare) greater than \$1k. If sufficient number of quotes are unavailable, an engineer's estimate is provided. The low quote has been selected.	X		
	Site-dedicated equipment is identified as such and meets the requirements above.			NA
	Appropriate lodging/per diem/mileage rates are used.	X		
	Direct non-salary items are reasonable based on the scope of work (no. of field days, lodging, and field equipment usage).	X		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	X		
5	Schedule 2.11(d) - Cost-plus-fixed-fee Subcontracts	Yes	No	Comments

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

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Schedule 2.11(a)
Summary of Work Assignment Price
Work Assignment No. D007621-02
Site No. 808013

1) Direct Salary Costs (Schedule 2.10(a) and 2.11(b))	\$98,484.78	
2) Indirect Costs (Schedule 2.10(g))	<u>\$160,589.28</u>	
3) Direct Non-Salary Costs (Schedule 2.10(b, c), and 2.11(c))	<u>\$31,553.68</u>	
4) Subcontract Costs		
Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(d))		
<u>Name of Subcontractor</u>	<u>Services Performed</u>	<u>Price</u>
i) Popli Design Group	Surveyor - MBE	\$8,427.53
ii)		
iii)		
iv)		
A) Total Cost-Plus-Fixed-Fee Subcontracts		<u>\$8,427.53</u>
<u>Unit Price Subcontracts (Schedule 2.10(f) and 2.11(e))</u>		
<u>Name of Subcontractor</u>	<u>Services Performed</u>	<u>Price</u>
i) Test America	Laboratory	\$55,660.46
ii) Geologic	Drilling	\$26,447.52
iii) Geologic	DPT	\$18,290.00
iv) SeaCoast Environmental	IDW	\$21,913.00
v) Data Validation Services	Data Validation - WBE	\$12,431.07
B) Total Unit Price Subcontracts		<u>\$134,742.04</u>
C) Subcontract Management Fee		<u>\$6,737.10</u>
D) Total Subcontract Costs (lines 4A + 4B + 4C)		<u>\$149,906.67</u>
5) Fixed Fee (Schedule 2.10(h))		<u>\$20,725.92</u>
6) Total Work Assignment Price (Lines 1 + 2 + 3 + 4D + 5)		<u>\$461,260.32</u>

Engineer/Contract # - CDM Smith/D007621
Project Name - Shulman's Salvage Yard
Work Assignment No. - 007621-02

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Hours	Total Costs
Year 2012	Hours	\$72.51	Hours	\$62.10	Hours	\$54.93	Hours	\$47.18	Hours	\$40.77	Hours	\$35.78	Hours	\$30.44	Hours	\$26.24	Hours	\$20.79		
Task 1 - Preliminary Activities	0	\$0.00	4	\$248.40	0	\$0.00	54	\$2,547.72	0	\$0.00	24	\$858.72	40	\$1,217.60	12	\$314.88	0	\$0.00	134	\$5,187.32
- Task 1 Administrative	2	\$145.02	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	4	\$83.16	6	\$228.18
Task 2 - Phase I Remedial Investigation	0	\$0.00	2	\$124.20	0	\$0.00	48	\$2,264.64	0	\$0.00	20	\$715.60	432	\$13,150.08	20	\$524.80	0	\$0.00	522	\$16,779.32
Subtotal Hours	2		6		0		102		0		44		472		32		4		662	
Subtotal Cost	\$145.02		\$372.60		\$0.00		\$4,812.36		\$0.00		\$1,574.32		\$14,367.68		\$839.68		\$83.16		\$22,194.82	

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Hours	Total Costs
Year 2013	Hours	\$74.69	Hours	\$63.96	Hours	\$56.58	Hours	\$48.60	Hours	\$41.99	Hours	\$36.85	Hours	\$31.35	Hours	\$27.03	Hours	\$21.41		
Task 1 - Preliminary Activities	0	\$0.00	0	\$0.00	0	\$0.00	24	\$1,166.29	0	\$0.00	0	\$0.00	0	\$0.00	24	\$648.65	0	\$0.00	48	\$1,814.94
- Task 1.1 Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$85.65	4	\$85.65
Task 2 - Phase I Remedial Investigation	0	\$0.00	0	\$0.00	0	\$0.00	10	\$485.95	0	\$0.00	60	\$2,211.20	32	\$1,003.30	60	\$1,621.63	0	\$0.00	162	\$5,322.09
Task 3 - Phase II Remedial Investigation	0	\$0.00	0	\$0.00	0	\$0.00	8	\$388.76	0	\$0.00	80	\$2,948.27	0	\$0.00	80	\$2,162.18	0	\$0.00	168	\$5,499.21
Task 4 - Data Management																				
Task 4.1 - Phase I EDD- Direct Labor	0	\$0.00	8	\$511.70	0	\$0.00	16	\$777.53	0	\$0.00	0	\$0.00	120	\$3,762.38	0	\$0.00	0	\$0.00	144	\$5,051.61
Task 4.2 - Phase II EDD- Direct Labor	0	\$0.00	4	\$255.85	0	\$0.00	8	\$388.76	0	\$0.00	0	\$0.00	40	\$1,254.13	0	\$0.00	0	\$0.00	52	\$1,898.74
Task 5 - Remedial Investigation Reports																				
Task 5.1 - Draft Phase 1 Remedial Investigation Report - Direct Labor	8	\$597.48	0	\$0.00	0	\$0.00	48	\$2,332.58	0	\$0.00	100	\$3,685.34	72	\$2,257.43	120	\$3,243.26	0	\$0.00	348	\$12,116.10
- Task 5.1 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$85.65	4	\$85.65
Task 5.2 - Final Phase 1 Remedial Investigation Report - Direct Labor	8	\$597.48	0	\$0.00	0	\$0.00	16	\$777.53	0	\$0.00	40	\$1,474.14	16	\$501.65	0	\$0.00	0	\$0.00	80	\$3,350.80
- Task 5.2 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$85.65	4	\$85.65
Task 5.3 - Draft Phase II Remedial Investigation Report - Direct Labor	8	\$597.48	0	\$0.00	0	\$0.00	32	\$1,555.05	0	\$0.00	80	\$2,948.27	40	\$1,254.13	100	\$2,702.72	0	\$0.00	260	\$9,057.66
- Task 5.3 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$85.65	4	\$85.65
Task 5.4 - Final Phase II Remedial Investigation Report - Direct Labor	8	\$597.48	0	\$0.00	0	\$0.00	16	\$777.53	0	\$0.00	8	\$294.83	0	\$0.00	0	\$0.00	0	\$0.00	32	\$1,669.84
- Task 5.4 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$85.65	4	\$85.65
Subtotal Hours	32		12		0		178		0		368		320		384		20		1314	
Subtotal Cost	\$2,389.93		\$767.56		\$0.00		\$8,649.98		\$0.00		\$13,562.05		\$10,033.02		\$10,378.44		\$428.27		\$46,209.26	

Engineer/Contract # - CDM Smith/D007621
Project Name - Shulman's Salvage Yard
Work Assignment No. - 007621-02

Schedule 2.11(b)
Direct Labor Hours Budgeted

<i>Labor Classification</i>	IX		VIII		VII		VI		V		IV		III		II		I		Total Hours	Total Costs
Year 2014	Hours	\$76.93	Hours	\$65.88	Hours	\$58.28	Hours	\$50.05	Hours	\$43.25	Hours	\$37.96	Hours	\$32.29	Hours	\$27.84	Hours	\$22.06		
Task 1 - Preliminary Activities	0	\$0.00	0	\$0.00	0	\$0.00	24	\$1,201.28	0	\$0.00	0	\$0.00	0	\$0.00	24	\$668.11	0	\$0.00	48	\$1,869.39
- Task 1.1 Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$88.22	4	\$88.22
Task 6 - Feasibility Study																				
Task 6.1 - Draft Feasibility Study Report - Direct Labor	8	\$615.41	24	\$1,581.17	0	\$0.00	80	\$4,004.26	0	\$0.00	240	\$9,110.16	160	\$5,167.01	0	\$0.00	80	\$1,764.49	592	\$22,242.49
- Task 6.1 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$88.22	4	\$88.22
Task 6.2 - Final Feasibility Study Report - Direct Labor	8	\$615.41	0	\$0.00	0	\$0.00	12	\$600.64	0	\$0.00	40	\$1,518.36	40	\$1,291.75	0	\$0.00	24	\$529.35	124	\$4,555.50
- Task 6.2 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$88.22	4	\$88.22
Task 7 -Public Meeting Assistance and PRAP Support																				
Task 7.1 - Public Meeting Assistance and PRAP Support - Direct Labor	0	\$0.00	0	\$0.00	0	\$0.00	16	\$800.85	0	\$0.00	8	\$303.67	0	\$0.00	0	\$0.00	0	\$0.00	24	\$1,104.52
- Task 7.2 - Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	2	\$44.11	2	\$44.11
Subtotal Hours	16		24		0		132		0		288		200		24		118		802	
Subtotal Cost	\$1,230.81		\$1,581.17		\$0.00		\$6,607.03		\$0.00		\$10,932.19		\$6,458.76		\$668.11		\$2,602.62		\$30,080.69	
Total Administrative	2	145.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	\$ 820.22	40	\$ 965.24
Total All Hours	50		42		0		412		0		700		992		440		142		2778	
Total All Cost	\$3,765.76		\$2,721.32		\$0.00		\$20,069.37		\$0.00		\$26,068.56		\$30,859.46		\$11,886.24		\$3,114.06		\$98,484.78	

Schedule 2.11 (c)
Direct Non-Salary Costs
(Includes Equipment and Consumables)
Work Assignment No. D007621-02

Item	Max Reimbursement Rate (Specify Unit)	Est. # of Units	Total Estimated Cost
<u>A) Non-Salary Costs</u>			
1) Shipping - Fed Ex (office)	LS	1	\$1,000.00
2) Shipping - Fed Ex (Field)	LS	42	\$6,300.00
3) Prints/Copies	LS	<u>2</u>	\$1,000.00
		Subtotal	\$8,300.00

A) Rental Equipment

1) YSI 600 XL water quality meter	Week	\$181.50	3	\$544.50
2) M-scope	Day	\$ 15.13	15	\$226.88
3) MiniRae	Week	\$121.00	6	\$726.00
4) Grunfos Pump	Day	\$ 28.74	12	\$344.85
5) Generator	Day	\$ 27.23	12	\$326.70
6) Dust Monitor #1 MIE DR-4000	Month	\$574.75	1	\$574.75
7) Dust Monitor #2 MIE DR-4000	Month	\$574.75	1	\$574.75
8) PID #1	Month	\$484.00	1	\$484.00
9) Lamp 11.7 eV Interchangeable	Month	\$136.13	1	\$136.13
10) PID #2	Month	\$484.00	2	\$968.00
11) Lamp 11.7 eV Interchangeable	Month	\$136.13	1	\$136.13
12) Combustible Gas Indicator	Week	\$ 90.75	6	\$544.50
13) JOBCOM Radio VHF JMS-141-D	Week	\$ 84.70	4	\$338.80
14) Teflon lined tubing	Feet	\$ 1.10	500	\$550.00
			Subtotal	\$6,475.98

Item	Max Reimbursement Rate (Specify Unit)	Est. # of Units	Total Estimated Cost
<u>C) Miscellaneous (Meals, Lodging, Mileage, LVE)</u>			
1) lodging	\$77.00 /night	78	\$6,006.00
2) meals per diem	\$46.00 /day	78	\$3,588.00
3) mileage	\$0.555 /mile	3600	\$1,998.00
4) Rental Car	\$603.45 /week	6	\$3,620.70
5) LVE	\$1.00 /hour	785	\$785.00
6) PPE	\$10.00 /day/person	78	\$780.00
		Subtotal	\$16,777.70

Total Direct Non-Salary Costs	\$31,553.68
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Schedule 2.11 (d)
Cost Plus Fixed-Fee Subcontracts
Work Assignment No. D007621-02
January 1, 2013 to December 31, 2013

<u>NAME OF SUBCONTRACTOR</u>	<u>SERVICES TO BE PERFORMED</u>	<u>SUBCONTRACT PRICE 2013</u>	<u>SUBCONTRACT MANAGEMENT 2013</u>
Popli Design Group	Topographic Survey - MBE	\$8,427.53	\$0.00

A. Direct Salary Costs - 2013

<u>Professional Responsibility Level</u>	<u>Labor Classification</u>	<u>Average Reimbursement Rate (\$/Hr.)</u>	<u>Maximum Reimbursement Rate (\$/Hr.)</u>	<u>Estimated Number of Hours</u>	<u>Total Estimated Direct Salary Cost (\$)</u>
Senior Surveyor	III (A)	2013 \$35.02	2013 \$38.63	4	\$140.08
CAD Drafter	II (N)*	2013 \$29.56	2013 \$30.90	30	\$886.83
Surv. Tech/Inspector III	III (N)*	2013 \$25.75	2013 \$28.33	40	\$1,030.00
Surv. Tech/Inspector II	II (N)*	2013 \$22.66	2013 \$25.75	40	\$906.40
Total Direct Salary Costs:					\$2,963.31

Footnotes:

- 1) The labor rate averages and maximums shall be adjusted by a rate equal to the increase in the CPI index CUURA101SAO-"All Urban Consumers-New York-Northern N.J.-Long Island" for the previous year. This index is published by the U.S. Department of Labor's Bureau of Labor Statistics. The adjustment will be calculated every January and will be effective for subsequent work assignment billing and budgeting purposes.
- 2) Schedule 2.11(e) may be re-negotiated after four (4) years at the request of either party. Any revision as a result of re-negotiation will be subject to the approval of the Office of the State Comptroller.
- 3) The maximum annual escalation is limited to 5%.
- 4) Reimbursement will be limited to the lesser of either the individual's actual hourly rate or the maximum rate for each labor category.
- 5) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- 6) Only those labor classifications indicated with an asterisk will be entitled to overtime.
- 7) Reimbursement for technical time of principals, owners, and officers will be limited to the maximum reimbursement rate of that category, the actual hourly labor rate paid, or the State M-6 rate, whichever is lower.
- 8) Maximum reimbursement rates may be exceeded for work assignment activities that are under the jurisdiction of the Schedule of Prevailing Wage Rates set by the New York State Department of Labor.
- 9) NYS DOL 'prevailing wage' rates do not apply
- 10) Level D protection is required and the site access will remain unimpeded.

B) Indirect Costs

Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum of 122.28 % or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.

Amount budgeted for indirect costs is: \$3,623.54

C) Maximum Reimbursement Rates for Direct Non-Salary Costs:

<u>Item</u>	<u>Maximum Reimbursement Rate</u>	<u>Estimated No. of Units</u>	
Survey Van	\$225.00 per day	2	\$450.00
Hotel	\$77.00 /crew/day	4	\$308.00
Meals	\$46.00 /crew/day	4	\$184.00
GPS	\$200.00 /shipment	1	\$200.00
PPE	\$10.00 /person/day	4	\$40.00
Total Direct Non Salary Costs:			\$1,182.00

D) Fixed Fee (10% of Total Direct and Indirect Salary Costs)

Fixed Fee: \$658.68

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-02
2013

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Mangaement Fee</u>	<u>MBE/WBE</u>
Data Validation Services	Data Validation	\$12,431	\$621.55	WBE

<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
<u>Laboratory Analysis</u>				
<u>Non-Aqueous</u>				
TCL PCBs - Soil	\$ 18.54	Sample	157	\$ 2,910.78
TCL VOCs - Soil	\$ 18.54	Sample	91	\$ 1,687.14
TCL SVOCs - Soil	\$ 20.60	Sample	39	\$ 803.40
TAL Inorganics - Soil	\$ 18.54	Sample	39	\$ 723.06
Mercury - Soil	\$ 5.15	Sample	39	\$ 200.85
Cyanide - Soil	\$ 3.09	Sample	39	\$ 120.51
TOC - Sediment	\$ 5.15	Sample	4	\$ 20.60
<u>Aqueous</u>				
TCL PCBs	\$ 18.54	Sample	56	\$ 1,038.24
TCL VOCs	\$ 18.54	Sample	90	\$ 1,668.60
TCL SVOCs	\$ 20.60	Sample	56	\$ 1,153.60
TAL Inorganics	\$ 18.54	Sample	56	\$ 1,038.24
Mercury	\$ 5.15	Sample	56	\$ 288.40
Cyanide	\$ 3.09	Sample	56	\$ 173.04
Hardness	\$ 3.09	Sample	4	\$ 12.36
<u>Soil Vapor</u>				
TCL VOCs	\$ 25.75	Sample	23	\$ 592.25
Subtotal				\$12,431.07
Subtotal-Subcontract Price				\$12,431.07
Management Fee (5%)				\$621.55
Prices include 3% CPI increase on 2012 rates				
Total Cost				\$13,052.62

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-02
2013

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Management Fee</u>	<u>MBE/WBE</u>
Seacoast Environmental	IDW	\$21,913	\$1,095.65	

<u>Item</u>	<u>Unit Cost</u>	<u>Unit</u>	<u>Quantity</u>	<u>Total Cost</u>
Drums nonhaz soil	\$ 68.00	drums	60	\$ 4,080.00
Transportation for drums haz and nonhaz	\$ 2,100.00	Each	1	\$ 2,100.00
Mob/Demob one 10K Baker type tank:	\$ 2,250.00	Each	1	\$ 2,250.00
Monthly tank rent	\$ 1,210.00	Month	4	\$ 4,840.00
Tank cleaning:	\$ 2,250.00	Each	1	\$ 2,250.00
Disposal of Non-hazardous purge water	\$ 0.32	gallon	7500	\$ 2,400.00
Transport Bulk waste water	\$ 1,575.00	each	1	\$ 1,575.00
Disposal nonhaz water drums	\$ 68.00	gallon	1	\$ 68.00
Forklift and operator to load drums (one day)	\$ 1,800.00	each	1	\$ 1,800.00
Tank cleaning	\$ 550.00	each	1	\$ 550.00
Subtotal				\$21,913.00
Subtotal-Subcontract Price				\$21,913.00
Management Fee (5%)				\$1,095.65
Total Cost				\$23,008.65

OPTIONAL				
Disposal TSCA\RCRA waste water	\$ 4.60	gallon	0	\$ -
Disposal RCRA hazardous (VOC's)	\$ 0.89	gallon	0	\$ -
Transportation of TSCA waste water	\$ 4,500.00	Each	0	\$ -
Tank cleaning frozen tank	\$ 12,500.00	Each	0	\$ -
Drums RCRA haz soil	\$ 185.00	drums	0	\$ -
Drums RCRA/TSCA haz waste	\$ 112.00	drums	0	\$ -

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-04
2012

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Mangaement Fee</u>	<u>MBE/WBE</u>
Test America		\$31,689	\$1,584.44	

<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
<u>Laboratory Analysis</u>				
<u>Soil</u>				
TCL PCBs - Soil	\$ 49.00	Sample	135	\$ 6,615.00
TCL PCBs - Soil (Duplicate+MS+MSD)	\$ 49.00	Sample	14	\$ 686.00
TCL VOCs - Soil	\$ 57.00	Sample	75	\$ 4,275.00
TCL VOCs - Soil (Duplicate+MS+MSD)	\$ 57.00	Sample	8	\$ 456.00
TCL SVOCs - Soil	\$ 120.00	Sample	27	\$ 3,240.00
TCL SVOCs - Soil (Duplicate+MS+MSD)	\$ 120.00	Sample	4	\$ 480.00
TAL Inorganics - Soil	\$ 75.00	Sample	27	\$ 2,025.00
TAL Inorganics - Soil (Duplicate+MS+MSD)	\$ 75.00	Sample	4	\$ 300.00
Hexavlanet Chromium - Soil	\$ 75.00	Sample	27	\$ 2,025.00
Hexavlanet Chromium - Soil (Duplicate+MS+MSD)	\$ 75.00	Sample	4	\$ 300.00
Mercury - Soil	\$ 14.75	Sample	27	\$ 398.25
Mercury - Soil (Duplicate+MS+MSD)	\$ 14.75	Sample	4	\$ 59.00
Cyanide - Soil	\$ 17.50	Sample	27	\$ 472.50
Cyanide - Soil (Duplicate+MS+MSD)	\$ 17.50	Sample	4	\$ 70.00
<u>Sediment</u>				
TCL PCBs - Sediment	\$ 49.00	Sample	5	\$ 245.00
TCL PCBs - Sediment (Duplicate+MS+MSD)	\$ 49.00	Sample	3	\$ 147.00
TCL VOCs - Sediment	\$ 57.00	Sample	5	\$ 285.00
TCL VOCs - Sediment (Duplicate+MS+MSD)	\$ 57.00	Sample	3	\$ 171.00
TCL SVOCs - Sediment	\$ 120.00	Sample	5	\$ 600.00
TCL SVOCs - Sediment (Duplicate+MS+MSD)	\$ 120.00	Sample	3	\$ 360.00
TAL Inorganics - Sediment	\$ 75.00	Sample	5	\$ 375.00
TAL Inorganics - Sediment (Duplicate+MS+MSD)	\$ 75.00	Sample	3	\$ 225.00
Mercury - Sediment	\$ 14.75	Sample	5	\$ 73.75
Mercury - Sediment (Duplicate+MS+MSD)	\$ 14.75	Sample	3	\$ 44.25
Cyanide - Sediment	\$ 17.50	Sample	5	\$ 87.50
Cyanide - Sediment (Duplicate+MS+MSD)	\$ 17.50	Sample	3	\$ 52.50
TOC - Sediment	\$ 21.00	Sample	5	\$ 105.00
TOC - Sediment (Duplicate)	\$ 21.00	Sample	1	\$ 21.00

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-04
2012

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Management Fee</u>	<u>MBE/WBE</u>
Test America		\$31,689	\$1,584.44	

<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
<u>Surface Water</u>				
TCL PCBs - Surface Water	\$ 49.00	Sample	3	\$ 147.00
TCL PCBs - Surface Water (Duplicate+MS+MSD)	\$ 49.00	Sample	3	\$ 147.00
TCL VOCs - Surface Water	\$ 57.00	Sample	3	\$ 171.00
TCL VOCs - Surface Water (Duplicate+MS+MSD)	\$ 57.00	Sample	3	\$ 171.00
TCL SVOCs - Surface Water	\$ 120.00	Sample	3	\$ 360.00
TCL SVOCs - Surface Water (Duplicate+MS+MSD)	\$ 120.00	Sample	3	\$ 360.00
TAL Inorganics - Surface Water	\$ 75.00	Sample	3	\$ 225.00
TAL Inorganics - Surface Water (Duplicate+MS+MSD)	\$ 75.00	Sample	3	\$ 225.00
Mercury - Surface Water	\$ 14.75	Sample	3	\$ 44.25
Mercury - Surface Water (Duplicate+MS+MSD)	\$ 14.75	Sample	3	\$ 44.25
Cyanide - Surface Water	\$ 17.50	Sample	3	\$ 52.50
Cyanide - Surface Water (Duplicate+MS+MSD)	\$ 17.50	Sample	3	\$ 52.50
Hardness - Surface Water	\$ 8.00	Sample	3	\$ 24.00
Hardness - Surface Water (Duplicate)	\$ 8.00	Sample	1	\$ 8.00
<u>Trip Blank</u>				
TCL VOCs	\$ 57.00	Sample	14	\$ 798.00
<u>Field Blank</u>				
TCL PCBs	\$ 49.00	Sample	14	\$ 686.00
TCL VOCs	\$ 57.00	Sample	14	\$ 798.00
TCL SVOCs	\$ 120.00	Sample	14	\$ 1,680.00
TAL Inorganics	\$ 75.00	Sample	14	\$ 1,050.00
Mercury	\$ 14.75	Sample	14	\$ 206.50
Cyanide	\$ 17.50	Sample	14	\$ 245.00
			Subtotal	\$31,688.75
Subtotal-Subcontract Price				\$31,688.75
Management Fee (5%)				\$1,584.44
			Total Cost	\$33,273.19

NYSDEC ASP Category B reporting deliverable with EDD
Standard turnaround time

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-04
2013

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Mangaement Fee</u>	<u>MBE/WBE</u>
Test America	Laboratory	\$23,972	\$1,198.59	

<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
<u>Laboratory Analysis</u>				
<u>Groundwater</u>				
TCL PCBs - Groundwater	\$ 50.47	Sample	30	\$ 1,514.10
TCL PCBs - Groundwater (Duplicate+MS+MSD)	\$ 50.47	Sample	6	\$ 302.82
TCL VOCs - Groundwater	\$ 58.71	Sample	30	\$ 1,761.30
TCL VOCs - Groundwater (Duplicate+MS+MSD)	\$ 58.71	Sample	6	\$ 352.26
TCL SVOCs - Groundwater	\$ 123.60	Sample	30	\$ 3,708.00
TCL SVOCs - Groundwater (Duplicate+MS+MSD)	\$ 123.60	Sample	6	\$ 741.60
TAL Inorganics - Groundwater	\$ 77.25	Sample	30	\$ 2,317.50
TAL Inorganics - Groundwater (Duplicate+MS+MSD)	\$ 77.25	Sample	6	\$ 463.50
Mercury - Groundwater	\$ 15.19	Sample	30	\$ 455.78
Mercury - Groundwater (Duplicate+MS+MSD)	\$ 15.19	Sample	6	\$ 91.16
Cyanide - Groundwater	\$ 18.03	Sample	30	\$ 540.75
Cyanide - Groundwater (Duplicate+MS+MSD)	\$ 18.03	Sample	6	\$ 108.15
<u>Soil Vapor</u>				
TCL VOCs - Soil Vapor	\$ 154.50	Sample	20	\$ 3,090.00
TCL VOCs - Soil Vapor (Duplicate+MS+MSD)	\$ 154.50	Sample	3	\$ 463.50

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-04
2013

<u>Name of Subcontractor</u>	<u>Services to be</u> <u>Performed</u>	<u>Subcontractor</u> <u>Price</u>	<u>Mangaement</u> <u>Fee</u>	<u>MBE/WBE</u>
Test America	Laboratory	\$23,972	\$1,198.59	

<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
<u>Trip Blank</u>				
TCL VOCs	\$ 58.71	Sample	10	\$ 587.10
<u>Field Blank</u>				
TCL PCBs	\$ 50.47	Sample	10	\$ 504.70
TCL VOCs	\$ 58.71	Sample	10	\$ 587.10
TCL SVOCs	\$ 123.60	Sample	10	\$ 1,236.00
TAL Inorganics	\$ 77.25	Sample	10	\$ 772.50
Mercury	\$ 15.19	Sample	10	\$ 151.93
Cyanide	\$ 18.03	Sample	10	\$ 180.25
<u>IDW Samples</u>				
Corrosivity	\$ 51.50	Sample	4	\$ 206.00
Ignitability	\$ 25.75	Sample	4	\$ 103.00
Reactivity	\$ 41.20	Sample	4	\$ 164.80
Toxicity Characteristic Leaching Procedure (TCLP) includes extraction	\$ 517.06	Sample	4	\$ 2,068.24
TCL VOCs	\$ 58.71	Sample	4	\$ 234.84
TCL SVOCs	\$ 123.60	Sample	4	\$ 494.40
TAL Metals	\$ 77.25	Sample	4	\$ 309.00
Pesticides/PCBs	\$ 115.36	Sample	4	\$ 461.44
			Subtotal	\$23,971.71
Subtotal-Subcontract Price				\$23,971.71
Management Fee (5%)				\$1,198.59
Prices include 3% CPI increase on 2012 rates				Total Cost
NYSDEC ASP Category B reporting deliverable with EDD				\$25,170.29
Standard turnaround time				

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-04
2013

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Management Fee</u>	<u>MBE/WBE</u>
GeoLogic	Drilling	\$26,448	\$1,322.38	
Item	Rate	Units	Quantity	Total Cost
1. GENERAL				
Mobilization	\$ 4,635.00	lump	1	\$ 4,635.00
Con/decon of decontamination pad	\$ 128.75	day	1	\$ 128.75
Personal protective equipment	\$ -	hour	46	\$ -
Steam Cleaning	\$ 82.40	each	30	\$ 2,472.00
55-Gallon Drums (contain cuttings)	\$ 27.81	each	30	\$ 834.30
Transport/Handling of IDW (per drum)	\$ 41.20	hour	30	\$ 1,236.00
Well Development	\$ 82.40	hour	60	\$ 4,944.00
Transport/Handling of development water	\$ 0.27	gallon	7200	\$ 1,928.16
Standby crew and rig	\$ 82.40	hour	8	\$ 659.20
2. Monitoring Well Installation				
4.25 inch diameter hollow stem auger	\$ 8.24	each	350	\$ 2,884.00
3. Materials				
4 inch diameter carbon steel casing	\$ 24.12	foot	60	\$ 1,447.36
2-inch dia., Schedule 40 PVC well casing	\$ 11.33	foot	200	\$ 2,266.00
2-inch dia., Schedule 40 PVC, 10-slot well screen	\$ 11.33	foot	150	\$ 1,699.50
Well Completion Materials (sand pack)	\$ -	foot	195	\$ -
Well Completion Materials (bentonite seal)	\$ -	foot	30	\$ -
Well Completion Materials (grout)	\$ -	foot	125	\$ -
Grout for carbon steel casing	\$ 5.15	foot	15	\$ 77.25
Well Surface Completion (protective casing, well caps, tags, concrete pad, locking cap + key)	\$ 82.40	each	15	\$ 1,236.00
Subtotal				\$26,447.52
Subtotal-Subcontract Price				\$26,447.52
Management Fee (5%)				\$1,322.38
Total Cost				\$27,769.89

NYSDEC ASP Category A reporting deliverable with EDD
Standard turnaround time
Prices include 3% CPI increase on 2012 rates

Schedule 2.11(e)
Unit Price Subcontracts
Work Assignment No. D007621-04
2012

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontractor Price</u>	<u>Management Fee</u>	<u>MBE/WBE</u>
Geologic	Direct Push	\$18,290	\$914.50	

<u>Item</u>	<u>Rate</u>	<u>Units</u>	<u>Quantity</u>	<u>Total Cost</u>
MOB/DEMOB				
Mob/Demob Geoprobe	\$ 1,100.00	each	1	\$ 1,100.00
DRILL RIG AND CREW				
Geoprobe Unit w/ Operator	\$ 1,400.00	day	12	\$ 16,800.00
Macro Core Samples		sample	340	\$ -
55-Gallon DOT Drum	\$ 65.00	each	6	\$ 390.00
Borehole abandonment		foot	990	\$ -
			Subtotal	\$18,290.00
Subtotal-Subcontract Price				\$18,290.00
Management Fee (5%)				\$914.50
			Total Cost	\$19,204.50

NYSDEC ASP Category A reporting deliverable with EDD
Standard turnaround time

|

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

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

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$98,484.78	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$160,589.28	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$259,074.05	\$0.00
4. Travel				\$0.00		\$0.00	\$16,777.70	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$14,775.98	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$31,553.68	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$143,169.57	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$6,737.10	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$440,534.40	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$20,725.92	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$461,260.32	\$0.00

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

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

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$9,273.71	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$15,121.72	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$24,395.43	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$24,395.43	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$1,951.63	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$26,347.06	\$0.00

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

Engineer: CDM Smith
Task #/Name: Task 2 - Phase I Remedial Investigation
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$22,101.41	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$36,038.56	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$58,139.98	\$0.00
4. Travel				\$0.00		\$0.00	\$16,777.70	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$14,775.98	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$31,553.68	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$100,397.97	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$5,019.90	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$195,111.52	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$4,651.20	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$199,762.72	\$0.00

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

Engineer: CDM Smith
Task #/Name: Task 3 - Phase II Remedial Investigation
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$5,499.21	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$8,967.01	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$14,466.22	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$42,771.60	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$1,717.20	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$58,955.03	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$1,157.30	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$60,112.33	\$0.00

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

Engineer: CDM Smith
Task #/Name: Task 4 - Data Management
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$6,950.36	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$11,333.25	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$18,283.61	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$18,283.61	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$1,462.69	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$19,746.30	\$0.00

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

Engineer: CDM Smith
Task #/Name: Task 5 - Remedial Investigation Reports
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$26,537.00	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$43,271.24	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$69,808.24	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$69,808.24	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$5,584.66	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$75,392.90	\$0.00

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

Engineer: CDM Smith
Task #/Name: Task 6 - Feasibility Study
Complete:
Date Prepared:

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$26,974.44	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$43,984.53	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$70,958.97	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$70,958.97	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$5,676.72	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$76,635.69	\$0.00

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

Engineer: CDM Smith

Task #/Name: Task 7 -Public Meeting Assistance and PRAP Support

Complete:

Date Prepared:

Contract No.: D007621

Project Name: Shulman's Salvage Yard

Work Assignment No.: D007621-02

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs				\$0.00		\$0.00	\$1,148.64	\$0.00
2. Indirect Costs				\$0.00		\$0.00	\$1,872.97	\$0.00
3. Subtotal Direct and Indirect				\$0.00		\$0.00	\$3,021.60	\$0.00
4. Travel				\$0.00		\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs				\$0.00		\$0.00	\$0.00	\$0.00
7. Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
7a. Subcontract Mgmt Fee				\$0.00		\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost				\$0.00		\$0.00	\$3,021.60	\$0.00
9. Fixed Fee				\$0.00		\$0.00	\$241.73	\$0.00
10. Total Work Assignment Price				\$0.00		\$0.00	\$3,263.33	\$0.00

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

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

Contract No.: D007621
Project Name: Shulman's Salvage Yard
Work Assignment No.: D007621-02

Subcontractor Name	A	B	C	D	E	F	G	H
	Subcontract Costs Claimed this Period	Subcontract Costs Paid to Date	Total Subcontract Costs Disallowed to Date	Total Subcontract Costs Incurred to Date (A+B-C)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date
1. Surveyor - Popli Design Group - MBE					\$8,427.53	\$0.00		
2. Data Validation - Data Validation Services - WBE					\$12,431.07	\$621.55		
3. Laboratory - Test America					\$55,660.46	\$2,783.02		
4. Drilling - Geologic					\$26,447.52	\$1,322.38		
5. DPT - Geologic					\$18,290.00	\$914.50		
6. IDW - SeaCoast Environmental					\$21,913.00	\$1,095.65		
Totals					\$143,169.57	\$6,737.10		

Notes:

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

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

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

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

Contract No.: D007621
Project Name: Shulman's Salvage Yar
Work Assignment No.: D007621-02

NSPE Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Labor Hours	
	Exp./	Est.	Exp./	Est.	Exp./	Est.	Exp./	Est.	Exp./	Est.	Exp./	Est.	Exp./	Est.	Exp./	Est.	Exp./	Est.	Exp./	Est.
Task 1 - Preliminary Activities	0	2	0	4	0	0	0	102	0	0	0	24	0	40	0	60	0	12	0	244
Task 2 - Phase I Remedial Investigation	0	0	0	2	0	0	0	58	0	0	0	80	0	464	0	80	0	0	0	684
Task 3 - Phase II Remedial Investigation	0	0	0	0	0	0	0	8	0	0	0	80	0	0	0	80	0	0	0	168
Task 4 - Data Management	0	0	0	12	0	0	0	24	0	0	0	0	0	160	0	0	0	0	0	196
Task 5 - Remedial Investigation Reports	0	32	0	0	0	0	0	112	0	0	0	228	0	128	0	220	0	16	0	736
Task 6 - Feasibility Study	0	16	0	24	0	0	0	92	0	0	0	280	0	200	0	0	0	112	0	724
Task 7 -Public Meeting Assistance and PRAP Support	0	0	0	0	0	0	0	16	0	0	0	8	0	0	0	0	0	2	0	26
Total Hours	0	50	0	42	0	0	0	412	0	0	0	700	0	992	0	440	0	142	0	2778

2012

	Test America			Spectrum			Con-Test (WBE)		
Item	Rate	Quantity	Total Cost	Rate	Quantity	Total Cost	Rate	Quantity	Total Cost
Laboratory Analysis									
PCB Soil Samples	\$ 49.00	157	\$ 7,693.00	\$ 50.00	157	\$ 7,850.00	\$ 38.00	157	\$ 5,966.00
Metal Soil Samples	\$ 75.00	39	\$ 2,925.00	\$ 70.00	39	\$ 2,730.00	\$ 104.00	39	\$ 4,056.00
VOC Soil Samples	\$ 57.00	91	\$ 5,187.00	\$ 65.00	91	\$ 5,915.00	\$ 57.00	91	\$ 5,187.00
SVOC Soil Samples	\$ 120.00	39	\$ 4,680.00	\$ 150.00	39	\$ 5,850.00	\$ 141.00	39	\$ 5,499.00
Hexavalent Chromium	\$ 75.00	39	\$ 2,925.00	\$ 35.00	39	\$ 1,365.00	\$ 25.00	39	\$ 975.00
Mercury - Soil	\$ 14.75	39	\$ 575.25	\$ 13.00	39	\$ 507.00	\$ 15.00	39	\$ 585.00
Cyanide - Soil	\$ 17.50	39	\$ 682.50	\$ 15.00	39	\$ 585.00	\$ 19.00	39	\$ 741.00
TOC - Soil	\$ 21.00	4	\$ 84.00	\$ 35.00	4	\$ 140.00	\$ 18.00	4	\$ 72.00
PCB Groundwater Samples	\$ 49.00	56	\$ 2,744.00	\$ 50.00	56	\$ 2,800.00	\$ 38.00	56	\$ 2,128.00
Metal Groundwater Samples	\$ 14.75	56	\$ 826.00	\$ 13.00	56	\$ 728.00	\$ 15.00	56	\$ 840.00
VOC Groundwater Samples	\$ 57.00	138	\$ 7,866.00	\$ 65.00	138	\$ 8,970.00	\$ 57.00	138	\$ 7,866.00
SVOC Groundwater Samples	\$ 120.00	80	\$ 9,600.00	\$ 150.00	80	\$ 12,000.00	\$ 141.00	80	\$ 11,280.00
Mercury - aqueous	\$ 14.75	80	\$ 1,180.00	\$ 13.00	80	\$ 1,040.00	\$ 15.00	80	\$ 1,200.00
Cyanide - aqueous	\$ 17.50	80	\$ 1,400.00	\$ 15.00	80	\$ 1,200.00	\$ 19.00	80	\$ 1,520.00
Hardness	\$ 8.00	4	\$ 32.00	\$ 10.00	4	\$ 40.00	\$ 9.00	4	\$ 36.00
VOC Soil Vapor	\$ 150.00	23	\$ 3,450.00	\$ 195.00	23	\$ 4,485.00	\$ 195.00	23	\$ 4,485.00
Corrosivity	\$ 250.00	4	\$ 1,000.00	\$ 250.00	4	\$ 1,000.00	\$ 215.00	4	\$ 860.00
Ignitability	\$ 25.00	4	\$ 100.00	\$ 30.00	4	\$ 120.00	\$ 14.00	4	\$ 56.00
Reactivity	\$ 40.00	4	\$ 160.00	\$ 40.00	4	\$ 160.00	\$ 38.00	4	\$ 152.00
Toxicity Characteristic Leaching Procedure (TCLP) includes extraction	\$ 502.00	4	\$ 2,008.00	\$ 515.00	4	\$ 2,060.00	\$ 457.00	4	\$ 1,828.00
	Subtotal		\$ 55,117.75	Subtotal		\$ 59,545.00	Subtotal		\$ 55,332.00

SURVEYORS			
Company	Bryant (MBE)	Popli (MBE)	S.Y. Kim (MBE)
Cost	\$17,195.00	\$8,534.74	Declinded to bid

WASTE HAULING

IRT					Seacoast				
Item	Rate	Units	Quantity	Total Cost	Item	Unit	Quantity	Unit Cost	Total Cost
55-gallon drums of soil (non-hazardous)	\$ 95.00	each	60	\$ 5,700.00	Drums nonhaz soil	drums	60	\$ 68.00	\$ 4,080.00
Transport of 55-gallon drums from site to disposal facility	\$ 2,500.00	lump	1	\$ 2,500.00	Transportation for drums haz and nonhaz	Each	1	\$ 2,100.00	\$ 2,100.00
Delivery and removal of 10,000 tank	\$ 650.00	each	1	\$ 650.00	Mob/Demob one 10K Baker type tank:	Each	1	\$ 2,250.00	\$ 2,250.00
Monthly rental of 10,000 gallon tank	\$ 1,200.00	month	4	\$ 4,800.00	Monthly tank rent	Month	4	\$ 1,210.00	\$ 4,840.00
Tank cleaning of 10,000 gallon tank	\$ 3,500.00	each	1	\$ 3,500.00	Tank cleaning:	Each	1	\$ 2,250.00	\$ 2,250.00
Disposal of non hazardous bulk purge water	\$ 0.95	gallon	7500	\$ 7,125.00	Disposal of Non-hazardous purge water	gallon	7500	\$ 0.32	\$ 2,400.00
Disposal of non-hazardous purge water in 55 gallon drums	\$ 75.00	drum	1	\$ 75.00	Transport Bulk waste water	each	1	\$ 1,575.00	\$ 1,575.00
Transportation of bulk water	\$ 2,750.00	each	1	\$ 2,750.00	Disposal nonhaz water drums	gallon	1	\$ 68.00	\$ 68.00
			Subtotal	\$27,100.00	Forklift and operator to load drums (one day)	each	1	\$ 1,800.00	\$ 1,800.00
					Tank cleaning	each	1	\$ 550.00	\$ 550.00
OPTIONAL									\$ 21,913.00
55-gallon drums of soil RCRA only hazardous	\$ 325.00	each	0	\$ -	OPTIONAL				
55-gallon drums TSCA only hazrdous soil no free liquids	\$ 295.00	each	0	\$ -	Disposal TSCA\RCRA waste water	gallon	0	\$ 4.60	\$ -
55 gallon drums RCRA TSCA hazardous	\$ 900.00	each	0	\$ -	Disposal RCRA hazardous (VOC's)	gallon	0	\$ 0.89	\$ -
Tank cleaning of frozen 10,000 gallon tank	\$ 9,500.00	each	0	\$ -	Transportation of TSCA waste water	Each	0	\$ 4,500.00	\$ -
Disposal of hazardous purge water	\$ 1.95	gallon	0	\$ -	Tank cleaning frozen tank	Each	0	\$ 12,500.00	\$ -
					Drums RCRA haz soil	drums	0	\$ 185.00	\$ -
					Drums RCRA/TSCA haz waste	drums	0	\$ 112.00	\$ -

CLEAN EARTH				
Item	Rate	Units	Quantity	Total Cost
55-gallon drums of soil - hazardous (PCB)	\$ 219.40	each	60	\$ 13,164.00
55-gallon drums of soil (non-hazardous)	\$ 74.90	each	5	\$ 374.50
Transport of 55-gallon drums from site to disposal facility	\$ 3,800.00	lump	1	\$ 3,800.00
Delivery and removal of 10,000 tank		each	1	\$ -
Monthly rental of 10,000 gallon tank		month	4	\$ -
Tank cleaning of 10,000 gallon tank		each	1	\$ -
Tank cleaning of frozen 10,000 gallon tank		each	1	\$ -
Disposal of hazardous purge water		gallon	7500	\$ -
Disposal of non-hazardous purge water in 55 gallon drums	\$ 85.30	each	55	\$ 4,691.50
			Subtotal	\$22,030.00
*Clean Earth did not provide costs for disposal of the development and purge water, so their bid is considered non-responsive.				

Item	Units	SJB			Geologic			Zebra		
		Rate	Quantity	Total Cost	Rate	Quantity	Total Cost	Rate	Quantity	Total Cost
MOB/DEMOB										
Mob/Demob Geoprobe	each	\$ 1,400.00	1	\$ 1,400.00	\$ 1,100.00	1	\$ 1,100.00	\$ 1,800.00	1	\$ 1,800.00
DRILL RIG AND CREW										
Geoprobe Unit w/ Operat	day	\$ 1,200.00	16	\$ 19,200.00	\$ 1,400.00	16	\$ 22,400.00	\$ 1,300.00	16	\$ 20,800.00
Macro Core Samples	sample	\$ 3.00	340	\$ 1,020.00	included	340	\$ -	\$ 6.00	340	\$ 2,040.00
55-Gallon DOT Drum	each	\$ 55.00	6	\$ 330.00	\$ 65.00	6	\$ 390.00	\$ 65.00	6	\$ 390.00
Borehole abandonment	foot	\$ 3.00	1320	\$ 3,960.00	included	1320	\$ -	\$ 3.00	1320	\$ 3,960.00
			Subtotal	\$25,910.00		Subtotal	\$23,890.00		Subtotal	\$28,990.00

Well Drillers

Item	Units	Aztech			Nothnagle			Geologic		
		Rate	Quantity	Total Cost	Rate	Quantity	Total Cost	Rate	Quantity	Total Cost
1. GENERAL										
Mobilization	each	\$ 6,382.56	1	\$ 6,500.00		1	\$ 9,500.00	\$ 4,500.00	1	\$ 4,500.00
Con/decon of decontamination pad	each	\$ 250.00	1	\$ 250.00	\$ 250.00	1	\$ 250.00	\$ 125.00	1	\$ 125.00
Personal protective equipment	per day per person	\$ 12.00	46	\$ 552.00	\$ 12.00	46	\$ 552.00	\$ -	46	\$ -
Steam Cleaning	hour	\$ 145.00	30	\$ 4,350.00	\$ 150.00	30	\$ 4,500.00	\$ 80.00	30	\$ 2,400.00
55-Gallon Drums (contain cuttings)	each	\$ 60.00	30	\$ 1,800.00	\$ 45.00	30	\$ 1,350.00	\$ 27.00	30	\$ 810.00
Transport/Handling of IDW (per drum)	each	\$ 145.00	30	\$ 4,350.00	\$ 45.00	30	\$ 1,350.00	\$ 40.00	30	\$ 1,200.00
Well Development	hour	\$ 175.00	60	\$ 10,500.00	\$ 150.00	60	\$ 9,000.00	\$ 80.00	60	\$ 4,800.00
Transport/Handling of development water	gallon	\$ -	7200	\$ -	\$ 0.50	7200	\$ 3,600.00	\$ 0.26	7200	\$ 1,872.00
Standby crew and rig	hour	\$ 155.00	8	\$ 1,240.00	\$ 150.00	8	\$ 1,200.00	\$ 80.00	8	\$ 640.00
		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -
2. Monitoring Well Installation		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -
4.25 inch diameter hollow stem auger	foot	\$ 17.00	350	\$ 5,950.00	\$ 12.00	350	\$ 4,200.00	\$ 8.00	350	\$ 2,800.00
		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -
3. Materials		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -
4 inch diameter carbon steel casing	foot	\$ 65.00	60	\$ 3,900.00	\$ 38.00	60	\$ 2,280.00	\$ 23.00	60	\$ 1,380.00
2-inch dia., Schedule 40 PVC well casing	foot	\$ 5.50	200	\$ 1,100.00	\$ 8.00	200	\$ 1,600.00	\$ 11.00	200	\$ 2,200.00
2-inch dia., Schedule 40 PVC, 10-slot well screen	foot	\$ 5.50	150	\$ 825.00	\$ 15.00	150	\$ 2,250.00	\$ 11.00	150	\$ 1,650.00
Well Completion Materials (sand pack)	foot	\$ 5.50	195	\$ 1,072.50	\$ 9.00	195	\$ 1,755.00	\$ -	195	\$ -
Well Completion Materials (bentonite seal)	foot	\$ 9.25	30	\$ 277.50	\$ 27.00	30	\$ 810.00	\$ -	30	\$ -
Well Completion Materials (grout)	foot	\$ 9.00	125	\$ 1,125.00	\$ 11.00	125	\$ 1,375.00	\$ -	125	\$ -
Grout for carbon steel casing	foot	\$ 9.00	15	\$ 135.00	\$ 8.00	15	\$ 120.00	\$ 5.00	15	\$ 75.00
Well Surface Completion (protective casing, well caps, tags, concrete pad, locking cap + key)	each	\$ 135.00	15	\$ 2,025.00	\$ 175.00	15	\$ 2,625.00	\$ 80.00	15	\$ 1,200.00
			Subtotal	\$45,952.00		Subtotal	\$48,317.00		Subtotal	\$25,652.00

RENTAL EQUIPMENT

Item	Unit	Quantity	Enterprise Rental Car		Hertz Rental Car		Budget Rental Car	
			Unit	Extended	Unit	Extended	Unit	Extended
Truck Rental (per week)	Week	6	\$ 603.45	\$ 3,620.69	\$ 622.67	\$ 3,736.00	\$ 620.28	\$ 3,721.67

Item	Unit	Quantity	Pine Environmental		US Environmental		Environmental Equipment and Supply	
			Unit	Extended	Unit	Extended	Unit	Extended
YSI 600 XL water quality meter (per week)	Week	3	\$ 181.50	\$ 544.50	\$ 302.50	\$ 907.50	\$ 660.00	\$ 1,980.00
Water Level Indicator (per day)	Day	15	\$ 15.13	\$ 226.88	\$ 22.00	\$ 330.00	\$ 26.40	\$ 396.00
MiniRae (per week)	Week	6	\$ 121.00	\$ 726.00	\$ 121.00	\$ 726.00	\$ 220.00	\$ 1,320.00
Grunfos Pump (per day)	Day	12	\$ 28.74	\$ 344.85	\$ 137.50	\$ 1,650.00	\$ 154.00	\$ 1,848.00
Generator (per day)	Day	12	\$ 27.23	\$ 326.70	\$ 55.00	\$ 660.00	\$ 154.00	\$ 1,848.00
Dust Monitor #1 MIE DR-4000 (monthly) (includes associated auxiliary equipment for upgradient community air monitoring station)	Month	1	\$ 574.75	\$ 574.75	\$ 1,320.00	\$ 1,320.00	\$ 621.50	\$ 621.50
Dust Monitor #2 MIE DR-4000 (monthly) (includes associated auxiliary equipment for downgradient community air monitoring station)	Month	1	\$ 574.75	\$ 574.75	\$ 1,320.00	\$ 1,320.00	\$ 621.50	\$ 621.50
PID #1 (monthly) (for downgradient community air monitoring station)	Month	1	\$ 484.00	\$ 484.00	\$ 715.00	\$ 715.00	\$ 880.00	\$ 880.00
Lamp 11.7 eV Interchangeable (month) (for downgradient community air monitoring station equipped with PID #1)	Month	1	\$ 136.13	\$ 136.13	\$ 198.00	\$ 198.00	\$ 627.00	\$ 627.00
PID #2 (monthly) (for breathing zone and headspace readings)	Month	2	\$ 484.00	\$ 968.00	\$ 715.00	\$ 1,430.00	\$ 880.00	\$ 1,760.00
Lamp 11.7 eV Interchangeable (month) (for breathing zone and headspace readings collected with PID #2)	Month	1	\$ 136.13	\$ 136.13	\$ 198.00	\$ 198.00	\$ 627.00	\$ 627.00
Combustible Gas Indicator (weekly)	Week	6	\$ 90.75	\$ 544.50	\$ 165.00	\$ 990.00	\$ 165.00	\$ 990.00
JOBCOM Radio VHF JMS-141-D (for alarms on DR-4000s) (weekly)	Week	4	\$ 84.70	\$ 338.80	NA	\$ -	\$ 77.00	\$ 308.00

Total				\$ 5,925.98		\$ 10,444.50		\$ 13,827.00
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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

Contract/WA No. D007621-02

Site/Spill Number 808013

Site/Spill Name Shulman's Salvage Yard

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

Check the appropriate box and complete the chart below:

Standby Subcontractors

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

Non-Standby Subcontractors

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

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

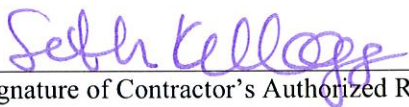
Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes **and** an engineer's estimate to support cost reasonableness.

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

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

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

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

	10/25/12
Signature of Contractor's Authorized Representative	Date
CDM Smith	D007621-02
Contractor Name	Contract/WA No.
GeoLogic	
Subcontractor Name	

Rev. 01/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

Contract/WA No. D007621-02

Site/Spill Number 808013

Site/Spill Name Shulman's Salvage Yard

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

Check the appropriate box and complete the chart below:

Standby Subcontractors

☐

Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☒

Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

☐

Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

Non-Standby Subcontractors

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

☐

Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐

Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.

☐

Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

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

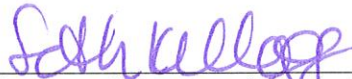
☐

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

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

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

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
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9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

	10/25/12
Signature of Contractor's Authorized Representative	Date
CDM Smith	D007621-02
Contractor Name	Contract/WA No.
Test America	
Subcontractor Name	

Rev. 01/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

Contract/WA No. D007621-02

Site/Spill Number 808013

Site/Spill Name Shulman's Salvage Yard

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

Check the appropriate box and complete the chart below:

Standby Subcontractors

- ☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.
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- ☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

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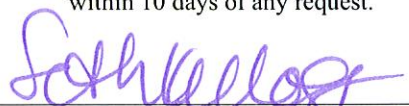
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	10/25/12
Signature of Contractor's Authorized Representative	Date
CDM Smith	D007621-02
Contractor Name	Contract/WA No.
Data Validation Services	
Subcontractor Name	

Rev. 01/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

Contract/WA No. D007621-02

Site/Spill Number 808013

Site/Spill Name Shulman's Salvage Yard

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

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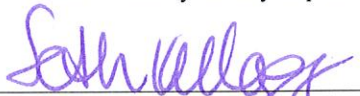
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<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>

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	10/25/12
Signature of Contractor's Authorized Representative	Date
CDM Smith	D007621-02
Contractor Name	Contract/WA No.
SeaCoast Environmental	
Subcontractor Name	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

Contract/WA No. D007621-02

Site/Spill Number 808013

Site/Spill Name Shulman's Salvage Yard

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

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Standby Subcontractors

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

	10/25/12
Signature of Contractor's Authorized Representative	Date
CDM Smith	D007621-02
Contractor Name	Contract/WA No.
Popli Design Group	
Subcontractor Name	

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