

August 18, 2015

Patricia Kappeller
NYS Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management
625 Broadway
Albany, NY 12233

RE: WA D007623-11.1, Former Jamestown MGP Site, Amendment 1

Dear Ms. Kappeller:

Parsons Engineering of New York, Inc. (Parsons) is pleased to provide this submittal of items for the work assignment (WA) amendment identified above:

- Revised Amendment 1 Schedule 1 (Scope of Work) for the Site Characterization at the Former Jamestown MGP Site;
- Revised Budget package for the Amendment for this WA (Schedule 2.11's);
- Package Checklist for Amendment 1; and
- M/WBE Utilization Plan

Our budget for Amendment 1 submitted herein totals \$61,662 increasing the overall WA existing budget from \$166,005 to \$227,667. Cost breakdown for this WA is as follows:

Task No.	Existing Budget	Amendment Costs	Revised Total Budget
Task 1 – Preliminary Activities	\$19,019	\$1,334	\$20,352
Task 2 – Field Work	\$121,760	-\$27,245	\$94,515
Task 2.1 – Supplemental Site Characterization	\$0	\$74,936	\$74,936
Task 4 – Data Summary Report	\$25,226	\$12,638	\$37,864
Total	\$166,005	\$61,662	\$227,667

Note: The vertical summation of “Amendment Costs” and “Revised Total Budget” do not match what is shown for the “Total” due to rounding errors.

Ms. Patricia Kappeller
NYSDEC
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This Amendment is being proposed following our assessment of initial site characterization results, comments received from NYSDEC and discussions with NYSDEC. Parsons has completed procurement of drilling, test pitting, surveying, laboratory analyses, and ground-penetrating radar services for the work associated with this Amendment utilizing existing subcontractors who have previously performed work at the Jamestown site.

Please feel free to contact me directly if you have any questions or require any information.

Very truly yours,

A handwritten signature in black ink that reads "Tom Drachenberg". The signature is written in a cursive, flowing style.

Thomas Drachenberg, P.E.
Contract Manager

Enclosures:

Amendment 1 Package Checklist
Amendment 1 Scope of Work
Schedule 2.11's
Subcontractor bid forms
Engineer's Estimate
Revised M/WBE Utilization Plan

cc:
Matt Vetter, Parsons
Paul Roth, Parsons

Scope of Work (Schedule 1) for:

**AMENDMENT 1 TO THE SITE CHARACTERIZATION
FOR THE FORMER JAMESTOWN MANUFACTURED GAS
PLANT SITE (NYSDEC SITE #907036)
JAMESTOWN, CHAUTAUQUA COUNTY, NEW YORK**

Prepared for:



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

Albany NY

Prepared By:

PARSONS

301 Plainfield Road, Suite 350
Syracuse, New York 13212

August 2015

SCHEDULE 1

SCOPE OF WORK

AMENDMENT 1 TO THE SITE CHARACTERIZATION WORK PLAN FOR THE FORMER JAMESTOWN MGP SITE JAMESTOWN, CHAUTAUQUA COUNTY, NEW YORK

This Amendment 1 is being provided following the comments received from NYSDEC regarding the Preliminary Site Characterization Report dated April 2015. The work included herein consists of the following:

- Excavation of an additional test pit to delineate the location of the central gas holder; and
- Installation of up to ten additional soil borings and associated laboratory analytical to further delineate the horizontal extent of potential contamination towards the Chadakoin River.

1.0 PROJECT OBJECTIVES AND BACKGROUND

The former Jamestown MGP site is located in the City of Jamestown, NY on a 1.0 acre parcel currently owned by the adjacent local woodworking facility and is being used as an access and parking area for the business (see Figure 1). Current site features include a gravel parking lot bordered by vegetated areas. Surrounding the site are East First Street and residences to the north and east, businesses to the west, and the Chadakoin River and a railroad track to the south. The NYSDEC site number is 907036.

The former Jamestown Gas Works operated as a water gas plant from 1881 until 1900 or 1901 when an explosion destroyed structures at the site. According to historical maps and documents, there were two large tanks and several small structures at the site. The two tanks were identified as gas holding tanks. The structures consisted of a water gas house, a purifying house, and a few sheds.

The primary contaminant of concern at this time has been identified as coal tar. Soil and groundwater contaminants usually associated with coal tar include benzene, toluene, ethylbenzene, and xylenes (BTEX) and polycyclic aromatic hydrocarbons (PAHs). The gas purification process also produced a solid waste called “purifier waste” which is a bluish-green solid waste consisting of wood chips and tars that has a strong odor.

Characterization activities to date have included geophysical and initial site survey, test pit investigation, soil borings, groundwater sampling and surface soil sampling. Five monitoring wells, five test pits and five soil borings were installed as part of the 2013 Site Characterization.

The overall purpose of the site characterization is to determine the locations of former structures at the site, to determine if surface soils present an exposure hazard to humans or wildlife, to determine if contamination is significant in subsurface soils, and to determine if groundwater is being significantly impacted.

2.0 SUMMARY OF COMPLETED PHASE I RI SCOPE (TASK 2)

Field tasks that have been completed as part of the Phase I RI since June 2013 are:

- Completed geophysical investigation and topographic survey
- Test Pit Investigation (June 2013)
 - TP-01, TP-02, TP-03, TP-04, TP-05
- Five surface soil samples completed (JT-SS-01 through JT-SS-05). (July 2013).
- Subsurface investigation and Groundwater Investigation (June through November 2013)
 - Installed five soil borings (JT-SB-01 through JT-SB-05)
 - Installed five new wells (JT-MW-01 through JT-MW-05) Completed two rounds of groundwater sampling
- Collected waste characterization samples and had all investigation-derived waste (IDW) removed from the Site. IDW was non-hazardous based on TCLP results.
- Submittal of the Preliminary Site Characterization report for the site, April 2014.

3.0 SUPPLEMENTAL SITE CHARACTERIZATION (TASK 3)

The proposed supplemental field investigation will focus on the central gas holder as a source of coal tar contamination, and to evaluate if potential contamination from the site poses an environmental threat primarily to the Chadakoin River. Proposed sample locations are presented in Figure 2.

3.1 Excavation of Additional Test Pit

Excavation of an additional test pit is recommended to attempt to delineate the location of the central gas holder. An approximately 15 ft long, 15 ft deep, and 5 ft wide test pit will be excavated in the suspected area of the central gas holder, based on review of historical maps. The trenching will be overseen by a representative from Parsons who will complete a test pit log to document encountered subsurface strata and other pertinent observations. Previous investigations identified a concrete pad at a depth of approximately 1.5 ft below ground surface. A demolition hammer will be used to break through this obstruction to facilitate the test pit excavation. A shallow perched water table was also encountered during the previous excavation. Perched water will be pumped from the test pit excavation, temporarily stored onsite, and characterized for disposal. Up to 6,000 gallons of perched water can be collected in a poly tank stored within a containment system until characterization and disposal. Test pits will be backfilled with the excavated soils upon completion and at the end of each work day; if excavated material is not suitable, imported gravel may be used. It is anticipated that one day of field work will be required for test pitting. The test pit location will be marked out by a licensed surveyor prior to the start of field work. Once test pitting activities have been completed, as-built coordinates and elevation information will be collected by a licensed surveyor. Horizontal survey data will be based on the North American Datum (NAD) 83 New York State Plane (Western Zone) coordinate system (in feet). Elevations will be based on the North American Vertical Datum (NAVD) 88.

3.2 Installation of Ten Additional Soil Borings

Up to ten soil borings will be advanced down to approximately 30 feet, based on average soil boring depths from initial investigations, to further delineate the horizontal extent of potential contamination towards the Chadakoin River. Continuous Standard Penetration Test

(SPT) samples will be collected to terminal depths using a split spoon sampler. Samples will be collected at either the water table interface or at the depth of the highest PID reading, and from the bottom interval of each soil boring, consistent with previous sampling conducted. Sample collection procedure will be consistent with the original Work Plan. Additionally, up to three QA/QC samples will be collected. Soil samples will be submitted for analysis of VOCs, SVOCs, and cyanide. It is anticipated that nine days of field work will be required for drilling. Proposed locations will be marked out by a licensed surveyor prior to the start of field work. Once drilling activities have been completed, as-built sample coordinates and elevation information will be collected by a licensed surveyor. Horizontal survey data will be based on the North American Datum (NAD) 83 New York State Plane (Western Zone) coordinate system (in feet). Elevations will be based on the North American Vertical Datum (NAVD) 88.

3.3 Community Air Monitoring

A Community Air Monitoring Plan (CAMP) will be implemented for real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area during invasive activities on-site.

4.0 REPORT PREPARATION (TASK 4) - ORIGINAL TASK ITEM AND SCOPE TO BE COMPLETED

A Preliminary Site Characterization Report was completed after the field investigation and receipt of analytical data and submitted in April 2014. This report documented investigation activities specified in the original work plan. Chemical analytical results for soil and groundwater were compared to 6 NYCRR Part 375 guidelines for various potential future land uses and State of New York Class GA water quality standards respectively.

The data obtained during the supplemental field investigations identified in this scope of work will be compiled, evaluated, and summarized. The Preliminary Site Characterization Report will be revised following completion of the supplemental investigation and receipt of the analytical data..

5.0 Schedule

Following approval of this amendment, Parsons will conduct the supplemental site characterization work. The remaining work scope described herein is assumed to be completed by the first quarter 2016 (pending acceptance of the amendment and site accessibility for the subsurface soil investigation). The schedule for remaining work is estimated below assuming no significant delays due to uncontrollable circumstances:

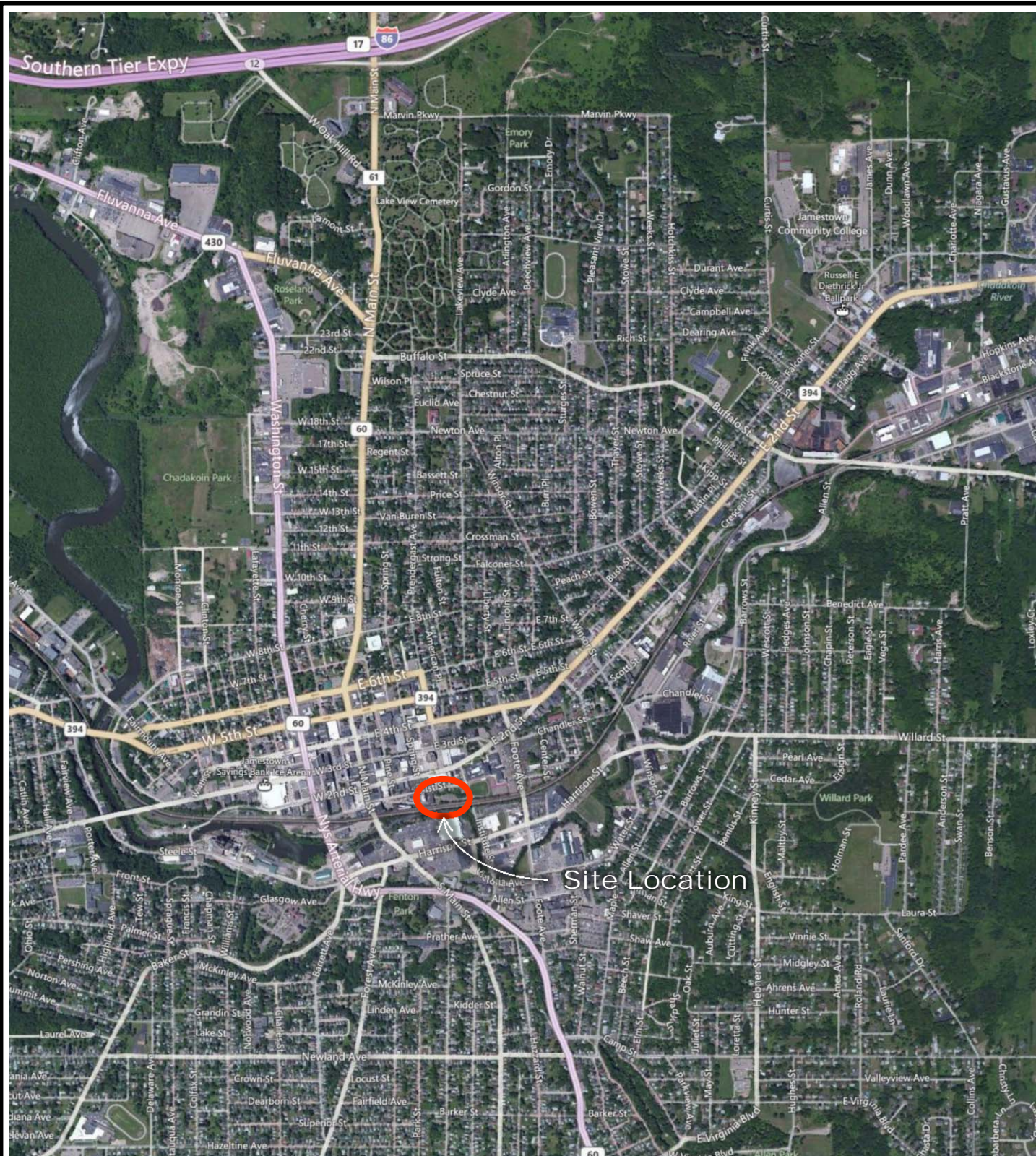
<u>Task/Effort</u>	<u>Date</u>
Procurement	September 1, 2015
Field Work	Late September/Early October
Lab Analysis	Completed Mid to Late November

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Data Validation	Complete Mid to late December
Reporting	By end of first quarter 2016

6.0 OTHER COST ASSUMPTIONS

- Field efforts will be conducted in Level D or modified Level D personal protection.
- Two people will be on-site implementing the buddy system whenever investigation work is being conducted at the site.
- Data management includes providing a Category B data validation contract-required data deliverable for the site characterization data.
- Report preparation includes addition of the supplemental investigation results to the draft data summary report, responding to one round of comments from the agencies, and revising the site characterization report based on the single round of comments.
- IDW generated during test pitting, drilling and sampling tasks can be disposed of as non-hazardous wastes. If characterization sampling results in the IDW being classified as hazardous wastes, additional disposal costs will be discussed.
- IDW perched water generated during the test pitting will be disposed of as non-hazardous waste. If characterization sampling results in the IDW being classified as hazardous wastes, additional disposal costs will be discussed.
- IDW soil drums will be stored in an area lined with poly for secondary containment.



Site Location

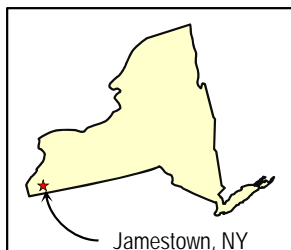


FIGURE 1



NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION

Former Jamestown MGP Site

SITE LOCATION MAP

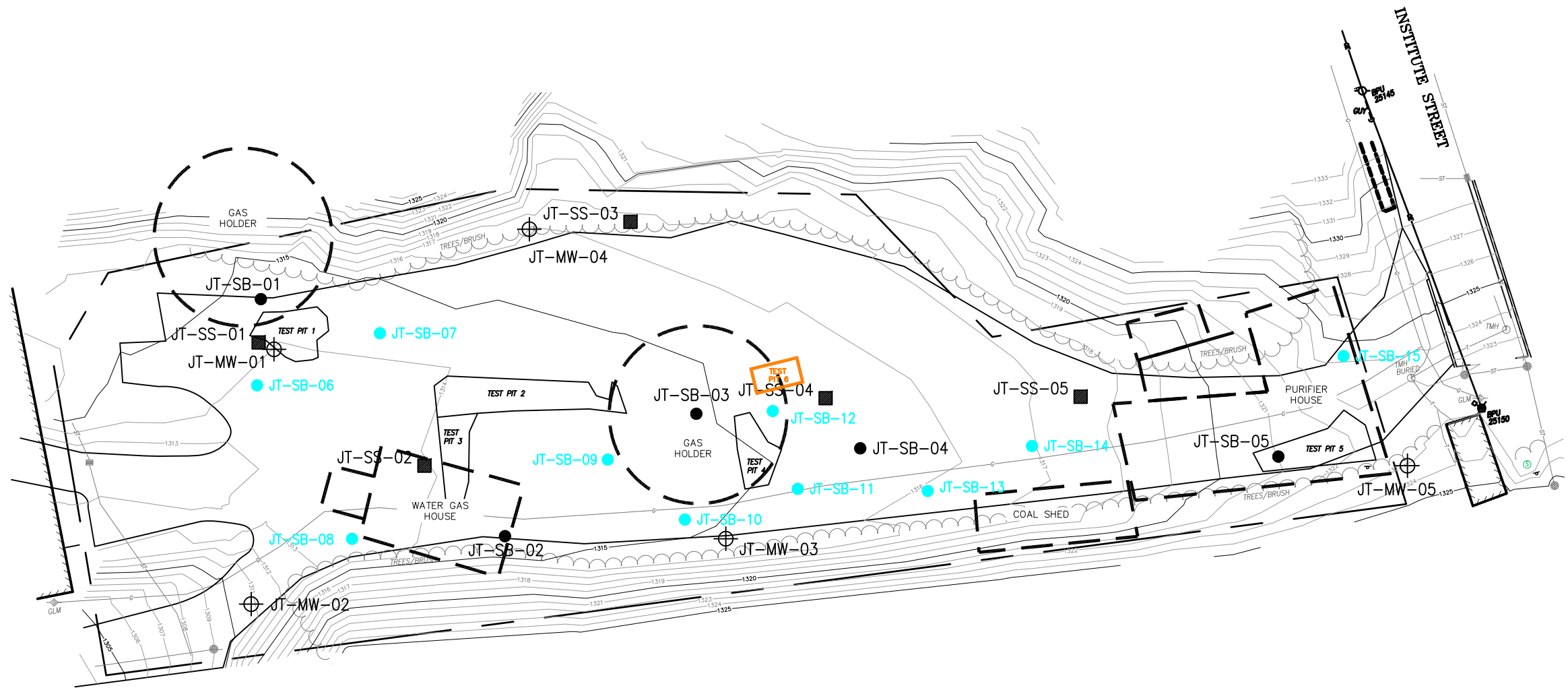
PARSONS

301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 PHONE: (315) 451-9560



LEGEND:

- — — — — INVESTIGATION AREA BOUNDARY
- — — — — LIMIT OF GRAVEL
- SOIL BORINGS
- ⊕ MONITORING WELL LOCATIONS
- SURFACE SOIL SAMPLE LOCATIONS
- TEST PIT LOCATIONS
- ┌ ┐ FORMER MGP STRUCTURES
- PROPOSED SOIL BORINGS
- PROPOSED TEST PIT



SCALE: 1"=50'

FIGURE 2



NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION

JAMESTOWN FORMER MGP SITE

PROPOSED SAMPLING PLAN



301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560

Standby Engineering Contract Work Assignment Package Checklist

Contracts Executed After 2010 (D007617 - D007626)

Contractor Name: Parsons Engineering of New York**Date: 07/31/15****WA No. and Name: WA # 11 - Former Jamestown MGP Site Amendment 1****Reviewer: S. Weishaupt**

	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.			NA
	For amendments, provides an explanation of changes in scope of work and/or budget by task. Includes total dollar value of amendment being requested.	X		
2	Schedule 1 (Scope of Work)			
	Includes breakdown of tasks and subtasks.	X		
	Tasks in the scope of work match the tasks in the Schedule 2.11s.	X		
	Includes schedule for completion of tasks.	X		
	Duration of anticipated work does not exceed 24 months. (Work subsequent to that should be part of a future amendment or new work assignment.)	X		
	For amendments, includes new and previous tasks for a comprehensive scope of work.	X		
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).	X		
	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.			NA
	Site-dedicated equipment is identified as such and meets the requirements above.	X		
	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.			NA
	Proposed subcontractor is not a DER-approved standby subcontractor for the firm, but appropriate documentation was submitted to determine cost reasonableness.			NA
	• 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.			NA
	Use of subcontractor is appropriate and justified			NA
	Subcontract Solicitation Record and Certification form has been submitted.			NA
	Total subcontract costs match amounts on Schedule 2.11(a).			NA
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, attempts to obtain the required amount of quotes are documented and an engineer's estimate has been provided. The low quote has been selected.			NA
	<i>Standby Drillers</i> (Two phase process) - Quotes from all standbys are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected. Explanation for declinations has been provided.			NA
	<i>Standby Labs and Data Validators</i> (rotate use) - Unit costs match those in contract(s).	X		
	<i>M/WBE</i> - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by a comparable quote. If a quote is unavailable, attempts to obtain the quote are documented and an engineer's estimate or other cost comparison has been provided.			NA
	Cost reasonableness of single/sole source contracts are documented by comparable quotes. If quotes are unavailable, an explanation and an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides) have been provided.			NA
	Placeholders are used only for non-standby subcontractors and are justified.	X		
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.	X		
	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.			NA
	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		

***Schedule 2.11(a) Supplement for Amendments
Summary of Work Assignment Price***

**Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1**

	Existing Price	Amendment	Revised Price	
1) Direct Salary Costs (Schedule 2.10(a) and 2.11(b))	\$32,698	\$17,784	\$50,482	
2) Indirect Costs (Schedule 2.10(g))	\$35,533	\$19,326	\$54,859	
3) Direct Non-Salary Costs (Schedule 2.10(b)(c), and 2.11(c))	\$20,832	-\$6,251	\$14,581	
4) Subcontract Costs				
• Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(d))				
<u>Name of Subcontractor</u>	<u>Services Performed</u>			
i) NA	\$0	\$0	\$0	
A) Total Cost-Plus-Fixed-Fee Subcontracts	\$0	\$0	\$0	
• Unit Price Subcontracts (Schedule 2.10(f) and 2.11(e))				
<u>Name of Subcontractor</u>	<u>Services Performed</u>			
i) Geologic	Drilling	\$28,965	\$7,306	\$36,271
ii) Spectrum	Laboratory	\$27,944	\$2,070	\$30,014
iii) Fisher Associates	Surveying	\$4,980	\$3,376	\$8,356
iv) Veolia	Waste Management	\$2,635	-\$1,112	\$1,523
v) NYLD	Geophysical Investigation	\$2,750	\$2,750	\$5,500
vi) TBD	Waste Management (EE)	\$0	\$11,650	\$11,650
B) Total Unit Price Subcontracts	\$67,274	\$26,041	\$93,315	
C) Subcontract Management Fee	\$2,845	\$1,052	\$3,897	
D) Total Subcontract Costs (lines 4A + 4B + 4C)	\$70,119	\$27,093	\$97,212	
5) Fixed Fee (Schedule 2.10(h))	\$6,823	\$3,711	\$10,534	
6) Total Work Assignment Price (Lines 1 + 2 + 3 + 4D + 5)	\$166,005	\$61,662	\$227,667	

Notes:

1. 2.10 Schedules refer to Contract Schedules.
2. 2.11 Schedules refer to Schedule 2 forms presented herein.
3. Existing Price is the previously authorized budget approved May 29, 2013.
4. EE = See Engineer's Estimate in back-up documentation for Amendment package.

Schedule 2.11(a) Supplement for Amendments

**Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1**

Task Number/Name	Existing Price	Amendment	Revised Price
1. Preliminary Activities	\$19,019	\$1,334	\$20,352
2. Field Work	\$121,760	-\$27,245	\$94,515
2.1 Supplemental Site Characterization	\$0	\$74,936	\$74,936
3. NA	\$0	\$0	\$0
4. Data Summary Report	\$25,226	\$12,638	\$37,864
Total Tasks	\$166,005	\$61,662	\$227,667

Engineer/Contract # Parsons/ D007623
 Project Name Jamestown Former MGP Site
 Work Assignment No. 11.1

Date Prepared: 8/4/2015

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>Total No. of Direct Labor Hours and Costs Budgeted</i>	
<u>Year 2013</u>	\$67.72		\$64.97		\$55.65		\$48.28		\$39.28		\$31.69		\$28.78		\$25.51		\$21.68			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task 1 / Preliminary Activities	0.00	\$0.00	0.00	\$0.00	41.00	\$2,281.65	0.00	\$0.00	94.00	\$3,692.32	11.00	\$348.59	7.50	\$215.85	4.00	\$102.04	98.95	\$2,145.24	256.45	\$8,785.69
- Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Task 2 / Site Investigation	0.00	\$0.00	0.00	\$0.00	17.50	\$973.88	0.00	\$0.00	179.55	\$7,052.72	0.75	\$23.77	7.50	\$215.85	0.70	\$17.86	295.50	\$6,406.44	501.50	\$14,690.52
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Task 3 /	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Task 4 / Site Characterization Report	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	42.00	\$1,649.76	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	4.00	\$86.72	46.00	\$1,736.48
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Total Hours	0.00		0.00		58.50		0.00		315.55		11.75		15.00		4.70		398.45		803.95	
Total Direct Labor Cost (\$)	Year 2013	\$0.00	\$0.00	\$0.00	\$3,255.53		\$0.00		\$12,394.80		\$372.36		\$431.70		\$119.90		\$8,638.40		\$25,212.69	

<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>Total No. of Direct Labor Hours and Costs Budgeted</i>	
<u>Year 2014</u>	\$69.75		\$66.92		\$57.32		\$49.73		\$40.46		\$32.64		\$29.64		\$26.28		\$22.33			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task 1/ Preliminary Activities	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
- Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Task 2/ Site Investigation	0.00	\$0.00	0.00	\$0.00	2.25	\$128.97	0.00	\$0.00	3.25	\$131.50	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	7.50	\$167.48	13.00	\$427.95
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Task 3	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Task 4/ Site Characterization Report	0.00	\$0.00	0.00	\$0.00	2.00	\$114.64	3.00	\$149.19	117.75	\$4,764.17	21.00	\$685.44	0.00	\$0.00	0.00	\$0.00	54.40	\$1,214.75	198.15	\$6,928.19
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00
Total Hours	0.00		0.00		4.25		3.00		121.00		21.00		0.00		0.00		61.90		211.15	
Total Direct Labor Cost (\$)	Year 2014	\$0.00	\$0.00	\$0.00	\$243.61		\$149.19		\$4,895.67		\$685.44		\$0.00		\$0.00		\$1,382.23		\$7,356.14	

Engineer/Contract # Parsons/ D007623
 Project Name Jamestown Former MGP Site
 Work Assignment No. 11.1

Date Prepared: 8/4/2015

Schedule 2.11(b)
Direct Labor Hours Budgeted

	IX		VIII		VII		VI		V		IV		III		II		I		Total No. of Direct Labor Hours and Costs Budgeted		
Year 2015	\$69.08		\$66.13		\$56.63		\$49.14		\$39.98		\$32.25		\$29.30		\$25.96		\$22.07				
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Task 1/ Preliminary Activities	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
- Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Task 2/ Site Investigation	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Task 2.1/ Supplemental Site Investigation	0.00	\$0.00	0.00	\$0.00	8.00	\$453.04	4.00	\$196.56	90.00	\$3,598.20	10.00	\$322.50	178.00	\$5,215.40	6.50	\$168.74	6.00	\$132.42	302.50	\$10,086.86	
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Task 3	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Task 4/ Site Characterization Report	0.00	\$0.00	0.00	\$0.00	7.00	\$396.41	0.00	\$0.00	83.70	\$3,346.33	0.00	\$0.00	45.00	\$1,318.50	0.00	\$0.00	26.30	\$580.44	162.00	\$5,641.68	
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	4.00	\$88.28	4.00	\$88.28	
Total Hours	0.00		0.00		15.00		4.00		173.70		10.00		223.00		6.50		36.30		468.50		
Total Direct Labor Cost (\$)	Year 2015		\$0.00		\$0.00		\$849.45		\$196.56		\$6,944.53		\$322.50		\$6,533.90		\$168.74		\$801.14		\$15,816.82

	IX		VIII		VII		VI		V		IV		III		II		I		Total No. of Direct Labor Hours and Costs Budgeted		
Year 2016	\$71.15		\$68.11		\$58.33		\$50.61		\$41.18		\$33.22		\$30.18		\$26.74		\$22.73				
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Task 1/ Preliminary Activities	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
- Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Task 2/ Site Investigation	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Task 3	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Task 4/ Site Characterization Report	0.00	\$0.00	0.00	\$0.00	2.00	\$116.66	0.00	\$0.00	40.00	\$1,647.20	0.00	\$0.00	8.00	\$241.44	0.00	\$0.00	4.00	\$90.92	54.00	\$2,096.22	
-Administrative	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	
Total Hours	0.00		0.00		2.00		0.00		40.00		0.00		8.00		0.00		4.00		54.00		
Total Direct Labor Cost (\$)	Year 2016		\$0.00		\$0.00		\$116.66		\$0.00		\$1,647.20		\$0.00		\$241.44		\$0.00		\$90.92		\$2,096.22
Total Labor Hours			0.00		0.00		79.75		7.00		650.25		42.75		246.00		11.20		500.65		1537.60
Total Direct Labor Cost (\$)			\$0.00		\$0.00		\$4,465.25		\$345.75		\$25,882.20		\$1,380.30		\$7,207.04		\$288.64		\$10,912.69		\$50,481.87

Schedule 2.11 (c)
Direct Non-Salary Costs
(Includes Equipment and Consumables)

Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1

	Item	Max./Avg. Reimburs. Rate	Unit	No. of Units	Total Cost
Task 1	Direct Non-Salary Costs Previously Invoiced and Approved				
A)	Travel				
	Vehicle Mileage				\$177.98
	Tolls				\$7.95
					\$0.00
				<i>Subtotal</i>	\$185.93
B)	Other Direct Non-Salary Costs				
				<i>Subtotal</i>	\$0.00
	<u>TOTAL TASK 1 INVOICED AND APPROVED ODCs</u>				<u>\$185.93</u>
Task 2	Direct Non-Salary Costs Previously Invoiced and Approved				
A)	Travel				
	Vehicle Mileage				\$269.39
	Parking/Tolls				\$44.64
	Lodging				\$922.24
	Per Diem				\$615.00
	Auto Rental				\$2,222.49
	Fuel				\$342.07
				<i>Subtotal</i>	\$4,415.83
B)	Other Direct Non-Salary Costs				
	Sample Equipment (Pine)				\$2,375.21
	Job Materials and Supplies (Disposable)				\$308.06
	Postage				\$398.15
	Port-a-jon rental				\$61.98
	Communication Equipment Rental (?)				\$95.68
	LVE				\$228.25
				<i>Subtotal</i>	\$3,467.33
	<u>TOTAL TASK 2 INVOICED AND APPROVED ODCs</u>				<u>\$7,883.16</u>

Schedule 2.11 (c)
Direct Non-Salary Costs
(Includes Equipment and Consumables)

Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1

	Item	Max./Avg. Reimburs. Rate	Unit	No. of Units	Total Cost
Task 4	Direct Non-Salary Costs Previously Invoiced and Approved				
A)	Travel				
				<i>Subtotal</i>	<i>\$0.00</i>
B)	Other Direct Non-Salary Costs				
	Postage				\$11.43
				<i>Subtotal</i>	<i>\$11.43</i>
	<u>TOTAL TASK 4 INVOICED AND APPROVED ODCS</u>				<u>\$11.43</u>
Task 2.1	Direct Non-Salary Costs for Amendment 1				
A)	Travel				
	SUV Rental (field work)	\$950.00	per week	2	\$1,900.00
	Fuel for Rental Vehicle (field work)	\$3.50	per gallon	120	\$420.00
	Car Rental - PM site visit and trip to Albany	\$45.00	per day	4	\$180.00
	Fuel for rental car	\$3.50	per gallon	60	\$210.00
	Lodging (Per Diem)	\$83.00	per day	10	\$830.00
	Meals (Per Diem)	\$46.00	per day	10	\$460.00
				<i>Subtotal</i>	<i>\$4,000.00</i>
B)	Other Direct Non-Salary Costs				
	PID Rental	\$200.00	per week	2	\$400.00
	Dust Monitoring Equipment Rental	\$450.00	per week	2	\$900.00
	Health and Safety Items (Gloves, drinking water, etc.)	\$50.00	per week	2	\$100.00
	Tyvek (2 people)	\$20.00	per day	20	\$400.00
	Disposable Sampling Equipment	\$250.00	per week	2	\$500.00
	Port-a-jon rental	\$50.00	per week	2	\$100.00
	LVE	\$1.00	per hour	100	\$100.00
				<i>Subtotal</i>	<i>\$2,500.00</i>
	<u>TOTAL TASK 2.1 AMENDMENT 1 ODCs</u>				<u>\$6,500.00</u>
	<u>GRAND TOTAL TRAVEL</u>				<u>\$8,601.76</u>
	<u>GRAND TOTAL NON-SALARY</u>				<u>\$5,978.76</u>
	<u>GRAND TOTAL</u>				<u>\$14,580.52</u>

Schedule 2.11 (e)
Unit Price Subcontract

Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1
Subcontract 1 of 6

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Geologic</u>	<u>Drilling/test Pitting</u>	<u>\$36,271.00</u>	<u>\$1,813.56</u>

Item	Max. Reimburs. Rate	Unit	No. of Units	Cost
Original Scope (Task 2 - Completed)				
Mobilization/DeMob				
2013 Excavator	\$300.00	LS	1	\$300.00
2013 Drill Rig & Equipment	\$2,800.00	LS	1	\$2,800.00
Decontamination Pad	\$125.00	LS	1	\$125.00
Utility Clearance	\$100.00	LS	1	\$100.00
Test pits				
Excavation of test pits	\$700.00	day	5	\$3,500.00
Overburden Wells				
Hand-clear utilities	\$80.00	hour	19	\$1,520.00
Overburden Drilling using 4.25-inch hollow stem augers with continuous sampling using 2-inch split spoons	\$12.00	LF	284	\$3,408.00
Grout Backfill for Borings	\$5.00	LF	148.5	\$742.50
2" Well Installation	\$11.00	LF	81	\$891.00
Flush Mount Protective Casing Installed	\$80.00	each	5	\$400.00
Decon. Equipment	\$150.00	days	13	\$1,950.00
Equipment for Staggin/Handling of Waste	\$150.00	days	8	\$1,200.00
55 gallon Drums	\$27.00	each	15	\$405.00
Per Diem	\$135.00	crew/day	11	\$1,485.00
Misc. Drilling Support Items				
55 Gallon Drums for Well Development, Decon Water, and PPE	\$0.00	\$0	0	\$0.00
Temporary Fence Installation				\$0.00
Temporary Construction Barrier	\$100.00	days	2	\$200.00

Subtotal Previously Completed Tasks, Invoiced and Approved by NYSDEC \$19,026.50

Subcontract Management Fee for Previously Completed Tasks, Invoiced and Approved by NYSDEC \$951.33

Item	Max. Reimburs. Rate	Unit	Est. No. of Units	Cost
Amendment 1				
Specify Task No./Task Name				
Mobilization/DeMob				
Excavator	\$300.00	LS	2	\$600.00
Equipment	\$2,800.00	LS	1	\$2,800.00
Decontamination Pad	\$125.00	LS	1	\$125.00
Utility Clearance	\$100.00	LS	1	\$100.00
Minor Brush Clearing/borehol access	\$80.00	Hour	4	\$320.00
Test pits				
Excavator and Operator for One Test Pit	\$700.00	day	2	\$1,400.00
Subsurface Soil Borings				
Hand-clear utilities	\$80.00	hour	10	\$800.00
Overburden Drilling using 4.25-inch hollow stem augers with continuous sampling using 2-inch split spoons	\$12.00	LF	350	\$4,200.00
Grout Backfill for Borings	\$5.00	LF	350	\$1,750.00
Decon. Equipment	\$150.00	days	10	\$1,500.00
Equipment for Staging/Handling of Waste	\$150.00	days	10	\$1,500.00
55 gallon Drums	\$27.00	each	5	\$135.00
Per Diem	\$135.00	crew/day	10	\$1,350.00
Misc. Drilling Support Items				
55 Gallon Drums for Well Development, Decon Water, and PPE	\$27.00	each	1	\$27.00
Temporary Fence Installation				\$0.00
Orange Constriction Fencing and Posts	\$350.00	Feet	1.25	\$437.50
Temporary Construction Barriers	\$100.00	days	2	\$200.00
				\$0.00

Subtotal for Amendment 1 \$17,244.50

Subcontract Management Fee for Amendment 1 \$862.23

TOTAL FOR Geologic **\$38,084.56**

Schedule 2.11 (e)
Unit Price Subcontract

Jamestown Former MGP Site

Amendment 1

Work Assignment Number: D007623-11.1

Subcontract 2 of 6

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Spectrum</u>	<u>Laboratory Analytical</u>	<u>\$30,014.38</u>	<u>\$1,500.72</u>

Item	Max. Reimburs. Rate	Unit	No. of Units	Cost
Original Scope (Task 2 - Completed)				
Surface Soil Analyses				
TAL Metals (SW-846, Method 6010B/7471A-Prep method)	\$83.00	each	8	\$664.00
PCBs (SW-846, Method 8082)	\$50.00	each	8	\$400.00
VOCs (SW-846, Method 8260B) + 10 TICs	\$65.00	each	8	\$520.00
SVOCs (SW-846, Method 8270C) +20 TICs	\$150.00	each	8	\$1,200.00
Cyanide (SW-846, Method 9012)	\$15.00	each	8	\$120.00
Pesticides (SW-846, Method 8081)	\$65.00	each	8	\$520.00
Herbicides (SW-846, Method 8151)	\$135.00	each	8	\$1,080.00
Chromium III and Chromium VI (SW-846, Method 7196)	\$25.00	each	8	\$200.00
Soil Analyses				
VOCs (SW-846, Method 8260B) + 10 TICs	\$65.00	each	24	\$1,560.00
SVOCs (SW-846, Method 8270C) +20 TICs	\$150.00	each	24	\$3,600.00
TAL Metals (SW-846, Method 6010B/7471A-Prep method)	\$83.00	each	10	\$830.00
PCBs (SW-846, Method 8082)	\$50.00	each	10	\$500.00
Cyanide (SW-846, Method 9012)	\$15.00	each	23	\$345.00
Pesticides (SW-846, Method 8081)	\$65.00	each	9	\$585.00
Herbicides (Method SW-846, 8151)	\$135.00	each	10	\$1,350.00
Chromium III and Chromium VI (SW-846, Method 7196)	\$25.00	each	10	\$250.00
Groundwater Analyses (Two Rounds)				
TAL Metals (SW-846, Method 6010B/7470A)	\$83.00	each	14	\$1,162.00
PCBs (Method 8082)-7 Aroclors	\$50.00	each	13	\$650.00
Cyanide (SW-846, Method 9012)	\$15.00	each	14	\$210.00
Pesticides (SW-846, Method 8081)	\$65.00	each	14	\$910.00
SVOCs (SW-846, Method 8270C) +20 TICs	\$150.00	each	14	\$2,100.00
VOCs (SW-846, Method 8260B) + 10 TICs	\$65.00	each	18	\$1,170.00
Waste Characterization				
DRUM CONTENT - SOLIDS				
RCRA Characterization for Disposal - SOLIDS	\$75.00	each	2	\$150.00
TCLP (VOCs, SVOCs, Pesticides, Herbicides, metals) - SOLIDS	\$515.00	each	2	\$1,030.00
DRUM CONTENT - LIQUIDS				
Total Cyanide 9010	\$15.00	each	2	\$30.00
pH 9040	\$5.00	each	2	\$10.00
Ignitability 1010	\$15.00	each	2	\$30.00
Reactivity 7.3.3/7.3.4	\$40.00	each	2	\$80.00
Total VOCs	\$65.00	each	3	\$195.00
TAL Metals (SW-846, Method 6010B/7470A)	\$83.00	each	2	\$166.00

Subtotal Previously Completed Tasks, Invoiced and Approved by NYSDEC \$21,617.00

Subcontract Management Fee for Previously Completed Tasks, Invoiced and Approved by NYSDEC \$1,080.85

Item	Max. Reimburs. Rate	Unit	Est. No. of Units	Cost
Amendment 1				
Soil Analyses				
VOCs (SW-846, Method 8260B) + 10 TICs	\$67.09	each	26	\$1,744.34
SVOCs (SW-846, Method 8270C) +20 TICs	\$154.82	each	26	\$4,025.32
Cyanide (SW-846, Method 9012)	\$15.48	each	26	\$402.48
Waste Characterization				
DRUM CONTENT - SOLIDS				
RCRA Characterization for Disposal - SOLIDS	\$77.41	each	2	\$154.82
TCLP (VOCs, SVOCs, Pesticides, Herbicides, metals) - SOLIDS	\$531.53	each	2	\$1,063.06
DRUM CONTENT - LIQUIDS				
Total Cyanide 9010	\$15.48	each	2	\$30.96
pH 9040	\$5.16	each	2	\$10.32
Ignitability 1010	\$15.48	each	2	\$30.96
Reactivity 7.3.3/7.3.4	\$41.28	each	2	\$82.56
Total VOCs	\$67.09	each	2	\$134.18
Total SVOCs	\$154.82	each	2	\$309.64
TAL Metals (SW-846, Method 6010B/7470A)	\$72.25	each	2	\$144.50
Total Mercury	\$13.42	each	2	\$26.84
Total PCBs	\$51.61	each	2	\$103.22
Total Pesticides	\$67.09	each	2	\$134.18

Subtotal for Amendment 1 \$8,397.38

Subcontract Management Fee for Amendment 1 \$419.87

TOTAL FORSPECTRUM \$31,515.10

Schedule 2.11 (e)
Unit Price Subcontract

Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1
Subcontract 3 of 6

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Fisher</u>	<u>Surveying</u>	<u>\$8,356.00</u>	<u>\$0.00</u>

Item	Max. Reimburs. Rate	Unit	No. of Units	Cost
Original Scope (Task 2 - Completed)				
Surveying Services Support				
Project Manager	\$117.00	Hour	2	\$234.00
Project Surveyor	\$81.00	Hour	4	\$324.00
Survey Technician	\$69.50	Hour	10	\$695.00
CAD Operator (and equipment)	\$77.75	Hour	12	\$933.00
Field Services				
Two Person Field Crew	\$127.00	Hour	20	\$2,540.00
Misc. Field				\$0.00
Materials and Supplies	\$254.00	LS	1	\$254.00

Subtotal Previously Completed Tasks, Invoiced and Approved by NYSDEC \$4,980.00

Subcontract Management Fee for Previously Completed Tasks, Invoiced and Approved by NYSDEC \$0.00

Item	Max. Reimburs. Rate	Unit	Est. No. of Units	Cost
Amendment 1				
Surveying Services Support				
Project Manager	\$117.00	Hour	2	\$234.00
Project Surveyor	\$81.00	Hour	4	\$324.00
Survey Technician	\$69.50	Hour	0	\$0.00
CAD Operator (and equipment)	\$78.00	Hour	8	\$624.00
Field Services				
Two Person Field Crew	\$127.00	Hour	16	\$2,032.00
Misc. Field				\$0.00
Materials and Supplies	\$81.00	LS	2	\$162.00

Subtotal for Amendment 1 \$3,376.00

Subcontract Management Fee for Amendment 1 \$0.00

TOTAL FOR FISHER **\$8,356.00**

Schedule 2.11 (e)
Unit Price Subcontract

Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1
Subcontract 4 of 6

Name of Subcontractor	Services to be Performed		Subcontract Price	Management Fee
<u>Veolia</u>	<u>Waste Management</u>		<u>\$1,523.40</u>	<u>\$0.00</u>

Item	Max. Reimburs. Rate	Unit	No. of Units	Cost ⁽¹⁾
Original Scope (Task 2 - Completed)				
Mobilization/DeMob				
Crew and Equipment for Drum Removal from the Site	\$150.00	LS	1	\$150.00
State Regulatory Fee	\$37.50	LS	1	\$37.50
Energy and Security Fees	\$0.17	each	1270	\$215.90
Waste Disposal Services				
NON-HAZ disposal of drums containing soil (55 gallon drums)	\$60.00	each	6	\$360.00
NON-HAZ disposal of drums containing well development and decon water (55 gallon drums)	\$95.00	each	8	\$760.00

Subtotal Previously Completed Tasks, Invoiced and Approved by NYSDEC	<u>\$1,523.40</u>
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Note- (1) Cost are actual costs of removal and disposal. Proposal costs (total of \$2,635) was based on estimated quantities.

Subcontract Management Fee for Previously Completed Tasks, Invoiced and Approved by NYSDEC	<u>\$0.00</u>
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Schedule 2.11 (e)
Unit Price Subcontract

Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1
Subcontract 5 of 6

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>NYLD</u>	<u>Geophysical Investigation</u>	<u>\$5,500.00</u>	<u>\$0.00</u>

Item	Max. Reimburs. Rate	Unit	No. of Units	Cost
Original Scope (Task 2 - Completed)				
Utility Location Service Using Ground Penetrating Radar plus all other subsurface location technologies	\$1,375.00	LS	1	\$1,375.00
Mobilization/Demobilization	\$1,375.00	LS	1	\$1,375.00
Subtotal Previously Completed Tasks, Invoiced and Approved by NYSDEC				<u>\$2,750.00</u>
Subcontract Management Fee for Previously Completed Tasks, Invoiced and Approved by NYSDEC				<u>\$0.00</u>

Item	Max. Reimburs. Rate	Unit	Est. No. of Units	Cost
Amendment 1				
Utility Location Service Using Ground Penetrating Radar plus all other subsurface location technologies	\$1,375.00	LS	1	\$1,375.00
Mobilization/Demobilization	\$1,375.00	LS	1	\$1,375.00
			Subtotal	\$2,750.00

Subtotal for Amendment 1	<u>\$2,750.00</u>
Subcontract Management Fee for Amendment 1	<u>\$0.00</u>
TOTAL FOR NYLD	<u>\$5,500.00</u>

Jamestown Former MGP Site
Amendment 1
Work Assignment Number: D007623-11.1
Subcontract 6 of 6

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>TBD</u>	<u>Waste Management</u>	<u>\$11,650.00</u>	<u>\$582.50</u>

Item	Max. Reimburs. Rate	Unit	Est. No. of Units	Cost
Amendment 1				
Mobilization/DeMob				
Crew and Equipment for Drum/Water Removal from the Site	\$150.00	LS	2	\$300.00
Transportation and Fees	\$900.00	LS	1	\$900.00
Waste Disposal Services				
NON-HAZ disposal of drums containing soil (55 gallon drums)	\$65.00	each	15	\$975.00
NON-HAZ disposal of ~6,900 gallons of test pit and decon water (poly tank)	\$0.75	per gallon	6900	\$5,175.00
Misc. Items				
Poly Tank Rental with secondary containment	\$1,250.00	per week	2	\$2,500.00
Tank Cleaning Services	\$1,800.00	LS	1	\$1,800.00
Subtotal for Amendment 1				<u>\$11,650.00</u>
Subcontract Management Fee for Amendment 1				<u>\$582.50</u>
TOTAL FOR WASTE MANAGEMENT				<u>\$12,232.50</u>

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

Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1
Task #/Name Summary
Complete 62%

Date Prepared 7/28/15

<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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,481.87	\$0.00
2. Indirect Costs 108.67%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54,858.65	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$105,340.52	\$0.00
4. Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,601.76	\$0.00
5. Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,978.76	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,580.52	\$0.00
7. Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93,314.78	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,896.78	\$0.00
8. Total Work Assignment Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$217,132.60	\$0.00
9. Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,534.10	\$0.00
10. Total Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$227,666.66	\$0.00

Schedule 2.11 (f) - Task 1
Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1
Task #/Name Task 1/ Preliminary Activities
Complete 100%

Date Prepared 7/28/15

<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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,785.69	\$0.00
2. Indirect Costs 108.67%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,547.41	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,333.10	\$0.00
4. Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$185.93	\$0.00
5. Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$185.93	\$0.00
7. Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,519.03	\$0.00
9. Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,833.31	\$0.00
10. Total Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,352.34	\$0.00

Schedule 2.11 (f) - Task 2
Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1
Task #/Name Task 2/ Site Investigation
Complete 100%

Date Prepared 7/28/15

<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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,118.47	\$0.00
2. Indirect Costs 108.67%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,429.24	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31,547.71	\$0.00
4. Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,415.83	\$0.00
5. Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,467.33	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,883.16	\$0.00
7. Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49,896.90	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,032.18	\$0.00
8. Total Work Assignment Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$91,359.95	\$0.00
9. Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,154.77	\$0.00
10. Total Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94,514.72	\$0.00

Subcontractors under Task 2 are as follows:

	<u>Budget</u>	<u>Mngmt Fee</u>
7a. Drilling (Geologic)	\$19,026.50	\$951.33
7b. Laboratory (Spectrum)	\$21,617.00	\$1,080.85
7c. Surveying (Fisher)	\$4,980.00	\$0.00
7d. Veolia (Waste Mgt.)	\$1,523.40	\$0.00
7e. Geophysical Investigation (NYLD)	\$2,750.00	\$0.00
Total for subs	\$49,896.90	\$2,032.18

Schedule 2.11 (f) - Task 2
Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1
Task #/Name Task 2.1/ Supplemental Site Investigation
Complete 0%

Date Prepared 7/28/15

<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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,086.86	\$0.00
2. Indirect Costs 108.67%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,961.39	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21,048.25	\$0.00
4. Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,000.00	\$0.00
5. Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,500.00	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,500.00	\$0.00
7. Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43,417.88	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,864.60	\$0.00
8. Total Work Assignment Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$72,830.73	\$0.00
9. Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,104.83	\$0.00
10. Total Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$74,935.56	\$0.00

Subcontractors under Task 2.1 are as follows:

	<u>Budget</u>	<u>Mngmt Fee</u>
7a. Drilling (Geologic)	\$17,244.50	\$862.23
7b. Laboratory (Spectrum)	\$8,397.38	\$419.87
7c. Surveying (Fisher)	\$3,376.00	\$0.00
7d. TBD (Waste Mgt.)	\$11,650.00	\$582.50
7e. Geophysical Investigation (NYLD)	\$2,750.00	\$0.00
Total for subs	\$43,417.88	\$1,864.60

Schedule 2.11 (f) - Task 3
Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1
Task #/Name Task 3
Complete

Date Prepared 7/28/15

<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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2. Indirect Costs 108.67%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4. Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7. Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9. Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10. Total Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Schedule 2.11 (f) - Task 4
Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1
Task #/Name Task 4/ Site Characterization Report
Complete 52%

Date Prepared 7/28/15

<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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,490.85	\$0.00
2. Indirect Costs 108.67%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17,920.61	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34,411.46	\$0.00
4. Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.43	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.43	\$0.00
7. Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34,422.89	\$0.00
9. Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,441.15	\$0.00
10. Total Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37,864.04	\$0.00

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

Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1

Date Prepared 7/28/15

<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.</i>	<i>Subcontract Costs Approved for Payment on Previous</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. Geologic (Drilling)	\$0.00	\$0.00	\$0.00	\$36,271.00	\$1,813.56	\$0.00	\$0.00
2. Spectrum (Laboratory)	\$0.00	\$0.00	\$0.00	\$30,014.38	\$1,500.72	\$0.00	\$0.00
3. Fisher Associates (Survey)	\$0.00	\$0.00	\$0.00	\$8,356.00	\$0.00	\$0.00	\$0.00
4. Veolia (Waste Management)	\$0.00	\$0.00	\$0.00	\$1,523.40	\$0.00	\$0.00	\$0.00
5. NYLD (Geophysical)	\$0.00	\$0.00	\$0.00	\$5,500.00	\$0.00	\$0.00	\$0.00
6. TBD (Waste Management Amendment 1)	\$0.00	\$0.00	\$0.00	\$11,650.00	\$582.50	\$0.00	\$0.00
7.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTALS	\$0.00	\$0.00	\$0.00	\$93,314.78	\$3,896.78	\$0.00	\$0.00

Notes:

1) Management fee is applicable to only properly procured, satisfactorily completed, MBE/WBE or unit price subcontracts over \$10,000.

Schedule 2.11 (g)
Cost Control Report
Summary of Labor Hours
Number of Direct Labor Hours Expended to Date/Estimated Number of Direct Labor Hours to Completion

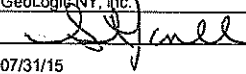
Engineer Parsons
Contract No. D007623
Project Name Jamestown Former MGP Site
Work Assignment No. 11.1

Date Prepared 7/28/15

<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	0.00 / 0.00	0.00 / 0.00	39.00 / 41.00	2.00 / 0.00	94.00 / 94.00	11.00 / 11.00	7.50 / 7.50	4.00 / 4.00	98.95 / 98.95	0.00 / 0.00	256.45 / 256.45
Task 2	0.00 / 0.00	0.00 / 0.00	19.75 / 19.75	0.00 / 0.00	182.80 / 182.80	0.75 / 0.75	7.50 / 7.50	0.70 / 0.70	303.00 / 303.00	0.00 / 0.00	514.50 / 514.50
Task 2.1	0.00 / 0.00	0.00 / 0.00	0.00 / 8.00	0.00 / 4.00	0.00 / 90.00	0.00 / 10.00	0.00 / 178.00	0.00 / 6.50	0.00 / 6.00	0.00 / 0.00	0.00 / 302.50
Task 3	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00	0.00 / 0.00
Task 4	0.00 / 0.00	0.00 / 0.00	2.00 / 11.00	3.00 / 3.00	169.00 / 283.45	21.00 / 21.00	0.00 / 53.00	0.00 / 0.00	75.00 / 88.70	0.00 / 4.00	270.00 / 464.15
Total Hours	0.00 / 0.00	0.00 / 0.00	60.75 / 79.75	5.00 / 7.00	445.80 / 650.25	32.75 / 42.75	15.00 / 246.00	4.70 / 11.20	476.95 / 496.65	0.00 / 4.00	1040.95 / 1537.60

* Expended/Estimated

**Former Jamestown MGP Site
Test Pit and Soil Boring Pricing Sheet - Amendment 1**

RFP Number	447950	Client:	NYSDEC	
Requisition No.:	TBD			
Summary of Services:	Test Pits, Soil Borings and Monitoring Wells			
Company Name	GeoLogic NY, Inc.			
Company Representative Signature				
Date	07/31/15			
Company Size and Ownership Type	Small, S Corporation			
Company Location	37 Copeland Avenue, PO Box 350, Homer, NY 13077			
Company Telephone	607-749-5000			
Bid Date	07/31/15			

Item	No. of Units	Unit of Measure	Unit PX	Extension
Mobilization/DeMob				
Excavator(s) 1 for Concrete / 1 for Test Pits	2	LS	300.00	600.00
Drill rig & equipment	1	LS	2,800.00	2,800.00
Decontamination Pad	1	LS	125.00	125.00
Utility Clearance	1	LS	100.00	100.00
Minor brush clearing / borehole access	4	hour	80.00	320.00
Management/Coordination	Sub Input	hour	No Charge	-
Test Pitting				
*Excavator and Operator for One test Pit (2)	2	LS	700.00	1,400.00
*Demolition Hammer for Concrete Pad	1	LS	0.00	0.00
20 CY of Clean Gravel for Backfill of Excavation (Triaxel Dumptruck)	1	LS	0.00	0.00
Subsurface Soil Borings				
Hand-clearing utilities	10	hour	80.00	800.00
Overburden drilling using 4.25-inch hollow stem augers with continuous sampling using 2-inch split spoons	350	foot	12.00	4,200.00
Split Spoon 2-ft Sample Liner		each	5.00	0.00
Grout backfill for borings	350	foot	5.00	1,750.00
Decontamination equipment	10	Hours	150.00	1,500.00
Equipment for handling/staging of investigation derived waste	10	days	150.00	1,500.00
New 55-gallon drums for drill cuttings	5	each	27.00	135.00
Per Diem	10	Crew/Day	135.00	1,350.00
Misc. Drilling Support Items				
Trash Pump	2	LS	100.00	0.00
Drum for PPE	1	each	27.00	27.00
Plastic sheeting	1000	sq. feet	No Charge	-
Temporary Fence Installation				
Orange construction fencing and posts	350	foot	1.25	437.50
Temporary Construction Barriers	2	day	100.00	200.00
Tools	2	day	No Charge	-
				\$17,244.50

Note:

1. Subcontractor should use previously provided standard rates (if applicable)
2. Assumes 1 hour per well location will be sufficient for decon procedures outlined in the Scope.
3. Subcontractor to determine if this effort will require one or two field personnel to complete and indicate so on bid.

**Former Jamestown MGP Site
Laboratory Pricing Sheet for Site-Specific Items**

Project No:		RFP 447950-20005		Client:		NYSDEC	
Summary of Services:							
Laboratory Analyses							
Company Name				Spectrum Analytical, Inc.			
Company Size and Ownership Type				Large, Private			
Company Location				646 Camp Ave. N. Kingstown, RI 02852			
Company Telephone				(401) 732 3400			
Bid Date				4/12/2013			

Analytical Method	Item	No. of Locations	No. of Analyses	Unit Price	Total
	Surface Soil Analyses¹				
6010B/7471A	TAL Metals (SW-846, Method 6010B/7471A-Prep method 3005/3051)	5	8	\$ 83.00	\$ 664.00
8082	PCBs (SW-846, Method 8082)	5	8	\$ 50.00	\$ 400.00
8260B	VOCs (SW-846, Method 8260B) + 10 TICs	5	8	\$ 65.00	\$ 520.00
8270C	SVOCs (SW-846, Method 8270C) +20 TICs	5	8	\$ 150.00	\$ 1,200.00
9012	Cyanide (SW-846, Method 9012)	5	8	\$ 15.00	\$ 120.00
8081	Pesticides (SW-846, Method 8081)	5	8	\$ 65.00	\$ 520.00
8151	Herbicides (SW-846, Method 8151)	5	8	\$ 135.00	\$ 1,080.00
7196A	Chromium III and Chromium VI (SW-846, Method 7196)	5	8	\$ 25.00	\$ 200.00
A2540G	Moisture Content (Included and reported in Soils Analysis)	5	8	\$ -	\$ -
	Soil Analyses¹				
8260B	VOCs (SW-846, Method 8260B) + 10 TICs	10	23	\$ 65.00	\$ 1,495.00
8270C	SVOCs (SW-846, Method 8270C) +20 TICs	10	23	\$ 150.00	\$ 3,450.00
6010B/7471A	TAL Metals (SW-846, Method 6010B/7471A-Prep method 3005/3051)	10	13	\$ 83.00	\$ 1,079.00
8082	PCBs (SW-846, Method 8082)	10	13	\$ 50.00	\$ 650.00
9012	Cyanide (SW-846, Method 9012)	10	13	\$ 15.00	\$ 195.00
8081	Pesticides (SW-846, Method 8081)	10	13	\$ 65.00	\$ 845.00
8151	Herbicides (Method SW-846, 8151)	10	13	\$ 135.00	\$ 1,755.00
7196A	Chromium III and Chromium VI (SW-846, Method 7196)	10	13	\$ 25.00	\$ 325.00
A2540G	Moisture Content (Included and reported in Soils Analysis)	10	23	\$ -	\$ -
	Groundwater Analyses² (Note 2 Rounds)				
6010B/7471A	TAL Metals (SW-846, Method 6010B/7470A)	5	16	\$ 83.00	\$ 1,328.00
8082	PCBS (Method 8082)-7 Aroclors	5	16	\$ 50.00	\$ 800.00
9012	Cyanide (SW-846, Method 9012)	5	16	\$ 15.00	\$ 240.00
8081	Pesticides (SW-846, Method 8081)	5	16	\$ 65.00	\$ 1,040.00
8270C	SVOCs (SW-846, Method 8270C) +20 TICs	5	16	\$ 150.00	\$ 2,400.00
8260B	VOCs (SW-846, Method 8260B) + 10 TICs	5	18	\$ 65.00	\$ 1,170.00
	Waste Characterization				
	DRUM CONTENT - SOLIDS³				
	RCRA Characterization for Disposal - SOLIDS	1	6	\$ 75.00	\$ 450.00
1311	TCLP (VOCs, SVOCs, Pesticides, Herbicides, metals) - SOLIDS	1	6	\$ 515.00	\$ 3,090.00
	CONTENT - LIQUIDS³				
9010/9012	Total Cyanide 9010	1	6	\$ 15.00	\$ 90.00
9040	pH 9040	1	6	\$ 5.00	\$ 30.00
1010	Ignitability 1010	1	6	\$ 15.00	\$ 90.00
7.3.3/7.3.4	Reactivity 7.3.3/7.3.4	1	6	\$ 40.00	\$ 240.00
8260B	Total VOCs	1	6	\$ 65.00	\$ 390.00
8270C	Total SVOCs	1	6	\$ 150.00	\$ 900.00
6010B	Total Metals	1	6	\$ 70.00	\$ 420.00
7470A	Total Mercury	1	6	\$ 13.00	\$ 78.00
8082	Total PCBs	1	6	\$ 50.00	\$ 300.00
8081	Total Pesticides	1	6	\$ 65.00	\$ 390.00
	MISC				
	Shipping Costs for Samples and Bottleneare to/from the Site	1		\$ -	\$ -
				\$	\$ 27,944.00

Red indicates a non-standard contract method

1. NYCRR Subpart 375 Restricted Industrial Compounds
2. NYSDEC Ambient Water Quality Standard TOGS 1.1.1
3. Samples will be a composite



Utility Clearance: Jamestown Former MGP Site

Project No: 447950-20001

Client: Parsons / NYSDEC

Requisition No.: TBD

Summary of
Services:

Subsurface Utility Clearance

Company Name

Company Representative Signature

Date

New York Leak Detection Inc

Michael Goodfellow

X [Signature]

4/3/13

Company Business Size and M/WBE
Status

Company Location for this work

Company Contact Telephone and Email

Proposal Date

Small Business

Jamestown NY

315 469 4601 info@nyld.com

4/3/13

Adherence to health and safety
requirements

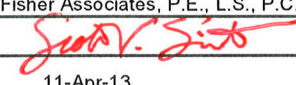
Item	No. of Units	Unit of Measure	Unit Price	Total Price for this Job
Mobilization/DeMob				
Survey Crew and Equipment	1	LS	\$ 1375 -	\$ 1375 -
Surveying Services Support				
Project Manager	2	Hour	\$ /	\$ /
Geophysicist	2	Hour	\$ -	\$ -
Technical Secretary	1	Hour	\$ -	\$ -
Field Services (as applicable)				
<i>One</i> Two Person Field Crew ^{1,2}	1	Day	\$ 1375 -	\$ 1375 -
Two Person Field Crew OT		Hour	\$ /	\$ /
Field Equipment	1	Day	\$ /	\$ /
Miscellaneous				
Per Diem		Crew/Day	\$ /	\$ /
Materials and Supplies	1	Day	\$ /	\$ /
			Total Job Price	\$ 2750 - ⁰⁰

Notes:

1: Daily crew rate to include labor and all travel costs to and from the site. Daily rate includes a minimum of 8 hrs on-site (not including travel time). This cost applies to field work days. Subcontractor to identify any additional charges

2: Subcontractor to determine number of personnel required to complete tasks and apply daily field rates accordingly.

Surveying Services: Jamestown Former MGP Site

Project No: <u>447950-20002</u>	Client: <u>Parsons / NYSDEC</u>
Requisition No.: <u>1</u>	
Summary of Services: <u>Surveying Services</u>	
Company Name	<u>Fisher Associates, P.E., L.S., P.C.</u>
Company Representative Signature	
Date	<u>11-Apr-13</u>
Company Business Size and M/WBE Status	<u>110 person, Certified NYS WBE firm</u>
Company Location for this work	<u>325 Delaware Avenue, Suite 200, Buffalo, NY</u>
Company Contact Telephone and Email	<u>585-334-1310, ssmith@fisherassoc.com</u>
Proposal Date	<u>8-Apr-13</u>
Adherence to health and safety requirements	

Item	No. of Units	Unit of Measure	Unit Price	Total Price for this Job
Mobilization/DeMob				
Survey Crew and Equipment		LS		
Surveying Services Support				
Project Manager	2	Hour	\$117	\$234
Project Surveyor	4	Hour	\$81	\$324
Survey Technicians	10	Hour	\$69.50	\$695
CAD Operator (and equipment)	12	Hour	\$78	\$933
Technical Secretary		Hour	\$	\$
Field Services (as applicable)				
One Person Field Crew ^{1,2}		Day	\$	\$
One Person Field Crew OT		Hour	\$	\$
Two Person Field Crew ^{1,2}	20	hour	\$127	\$2,540
Two Person Field Crew OT		Hour	\$	
Field Equipment	Sub Input	Day	\$	
Miscellaneous				
Per Diem		Crew/Day	\$	
Materials and Supplies, vehicle mileage		LS	\$254	\$254
				4980

Notes:

1: Daily crew rate to include labor and all travel costs to and from the site. Daily rate includes a minimum of 8 hrs onsite (not including travel time). This cost applies to field work days. Subcontractor to identify any additional charges

2: Subcontractor to determine number of personnel required to complete tasks and apply daily field rates accordingly.

3: Subcontractor to determine if number of days to complete the survey based on their experiences will exceed five day

MEMORANDUM

August 4, 2015

To: Procurement File – NYSDEC Job 447950– Jamestown Former MGP Site

From: Paul Roth

Subject: Engineer’s Estimate and Basis for Drum Transport and Disposal

Drum transport and disposal and potential bulk water disposal are needed at the site after completion of all activities. DOT approved 55-gallon drums will be used to containerize materials for disposal as well as up to 6,900 gallon ploy tank may be required. Drums may contain investigation derived waste (IDW) including soils and decontamination rinsates. The larger 6,900 gallon tank may contain groundwater collected during the test pitting, if groundwater is encountered Parsons’ estimate for wastes transport and disposal is:

Item	Unit Rate	Estimated Volume	Estimated Total
Non- Hazardous liquids – Bulk	\$ 0.75 per gallon	6,900 gallons	\$5,175.00
6,900 gallon tank with secondary containment	LS for delivery, rental and pick up for a 2 wks	n/a	\$2,500.00
Tank Cleaning	1 Lump Sum	n/a	\$1,800.00
Non-Hazardous Solids per drum	\$65.00 per 55-gallon drum	15 drums	\$975.00
Mobe/DeMob	\$150.00 each	2	\$300.00
Transportation & Fees	\$ 900.00 LS	n/a	\$900.00

Estimated Total: \$ 11,650.00

This estimate is based on all of the drums and ploy tank being considered non-hazardous following laboratory testing. If waste classification results determine that IDW is hazardous, additional costs would apply. If larger volumes of material are generated than listed above additional costs would apply.

Distribution: T. Drachenberg

M. Vetter

PARSONS

New York State Department Of Environmental Conservation

Office of Minority and Women's Business Program

625 Broadway, 10th Floor, Albany, New York 12233-5028

Phone: 518.402.9311 Fax: 518.402.9230

Website: www.dec.ny.gov Email: mwbe@gw.dec.state.ny.us



Consultant / Contractor Detailed M/WBE-EEO Utilization Plan

Version 2.1

Contractor Name:	PARSONS ENGINEERING OF NEW YORK		
NYSDEC Contract No:	D007623	Contractor Federal ID:	003376767
Contract Start Date:	03/01/2011	Contract End Date:	02/28/2018
		Date Submitted:	08/04/2015
Contractor Address:	301 PLAINFIELD ROAD, SUITE 350		
City:	SYRACUSE	State:	New York
		Zip Code	13212
Contractor E-mail:	Thomas.drachenberg@parsons.com	Contractor Phone Number:	(315) 451-9560

Contract Type:	Services / Technologies
Project Goals Based on:	Work Assignments
Project County:	Chautauqua
Authorized Representative Name:	TOM DRACHENBERG
Authorized Representative Title:	CONTRACT MANAGER

M/WBE Contract Summary	%	Amount	EEO Contract Summary	%	No of Employees
1. NYSDEC Contract Amount (A)		\$7,763,478.85	7. Total Employees in this project	100 %	10
2. Recipient Share (If Applicable) (B)			8. Total Goal -Minority Employees %	10	1
3. Total Project Amount (A + B) *	100 %	\$7,763,478.85	9. Total Goal - Female Employees %	10	1
4. MBE Project Goal %	15.	\$1,164,521.83	10. EEO Combined Totals %	20	2
5. WBE Project Goal %	5.	\$388,173.94	* - Goals apply on Total Project Amount		
6. M/WBE Total %	20	\$1,552,695.77			

Section II - EEO Information: In order to achieve the EEO Goals, Minorities and Females are expected to be employed in the following Job categories. Please provide breakdown of **Minority and Female Employees assigned to this project Only**. If the EEO goals are not met please provide an explanation in the comments area.

Job Categories	Total Count of Minority Employees	Breakdown of Total Count of Minority Employees by Gender		Breakdown of Total Count of Minority Employees by Ethnicity				
		Male	Female	African American	Asian	Native American	Hispanic	White
Officials/Managers	0	0	0	0	0	0	0	0
Professionals	3	0	3	0	0	0	0	3
Technicians	0	0	0	0	0	0	0	0
Sales Workers	0	0	0	0	0	0	0	0
Office/Clerical	1	0	1	1	0	0	0	0
Craftsman	0	0	0	0	0	0	0	0
Laborers	0	0	0	0	0	0	0	0
Service / Workers	0	0	0	0	0	0	0	0
Totals	4	0	4	1	0	0	0	3

Comments:

Please don't remove previous comments

As we complete procurement efforts, Parsons will continue to search for M/WBE firms for non-standby work that is part of this Work Assignment. The M/WBE standby driller for our contract chose not to bid on the drilling work that is part of Work Assignment #1.

One additional minority staff person is not available to work on Work Assignment #1 at this time. Parsons will continue to assess availability of minority Parsons employees as the time for initiating this project approaches.

For Work Assignment #2, no subcontracts are planned to be issued based on the small size and specific scope of the Work Assignment. A minority staff person for the types of experience needed for Work Assignment #2 (i.e., geotechnical engineering and management and support staff) is not available at this time.

For Work Assignments #3 and #4, Parsons sent requests for proposals to six M/WBE companies, and from these six M/WBE companies none of the bids were the low bid, and none were below \$10,000 so work was not able to be sole-sourced. In addition, the standby M/WBE laboratories do not provide a courier service which is an important element of the laboratory work scope given the site's relatively remote location on the west side of the Adirondack Mountains.

For Work Assignment #5, WBE goal was significantly exceeded.

For Work Assignment #6, MBE goal was met, and WBE shortfall was \$7,500 (rounded). Minority employee goal is 1.1 compared to 1 achieved.

For Work Assignment #7, Parsons asked for bids from a WBE driller, but that driller chose not to bid. The laboratory is determined on a rotating basis where one of the five laboratories is a MBE (Work Assignment #6) and one is a WBE (Work Assignment #5). Qualified, MBEs and WBEs have not been identified for the other two subcontracts (waste management and geophysical work) in the region surrounding the site. Qualified minority employees are currently not available to work on this work assignment.

Section III - M/WBE Information: In order to achieve the M/WBE Goals, New York State Certified MINORITY/WOMEN-OWNED firms are expected to participate in the following manner.

Important: If there is NO M/WBE Vendor Participation please provide brief summary of Good Faith Documentation in the Comments. Do not enter NA or NONE in Vendor Name.

M/WBE Vendor Name	Federal ID	Vendor Status	Subcontract Amount	Start Date	End Date	Payment Date	Work Description
SGD ENVIRONMENTAL	161582908	WBE	\$1,826.00	07/01/2013	08/09/2013	09/27/2013	Validation of laboratory results
DATA VALIDATION SERVICES	453050718	WBE	\$10,056.00	12/03/2012	01/18/2013	03/08/2013	Validation of laboratory results
FISHER ASSOCIATES	161373998	WBE	\$4,900.00	11/01/2012	11/30/2012	02/01/2013	Topographic surveying
CON-TEST	043308124	WBE	\$47,332.00	11/05/2012	02/28/2013	05/10/2013	Chemical analyses in laboratory
DATA VALIDATION SERVICES	453050718	WBE	\$4,928.00	04/15/2013	12/31/2013	02/28/2014	Validation of laboratory results
AZTECH TECHNOLOGIES	161582908	WBE	\$6,670.00	04/01/2013	12/31/2013	05/10/2013	Drilling services
CHEMTECH	132598184	MBE	\$28,194.00	04/22/2013	12/31/2013	07/19/2013	Chemical analyses in laboratory
AZTECH TECHNOLOGIES	161582908	WBE	\$3,708.00	10/01/2013	12/31/2014		Drilling services
SUSAN M. ANACKER, P.E., L.S.	161545711	WBE	\$6,958.00	03/01/2013	12/31/2013	03/21/2014	Topographic surveying
AMERICA SCIENCE TEAM OF NEW YORK, INC.	562330487	MBE	\$800.00	03/18/2013	12/31/2013	01/31/2014	Lab analyses - asbestos
FISHER ASSOCIATES	161373998	WBE	\$4,980.00	05/27/2013	12/31/2013	02/28/2014	Topographic surveying
CHEMTECH	132598184	MBE	\$6,878.00	07/08/2013	12/31/2013		Chemical analyses in laboratory
CON-TEST	043308124	WBE	\$7,785.00	09/03/2013	11/29/2013		Chemical analyses in laboratory
DATA VALIDATION SERVICES	453050718	WBE	\$861.00	09/23/2013	12/31/2013		Validation of chemical lab results
AMERICA SCIENCE TEAM OF NEW YORK, INC.	562330487	MBE	\$96.00	09/03/2013	12/31/2013		Lab analyses - asbestos
POPLI DESIGN SERVICES	161424510	MBE	\$2,164.00	10/01/2013	12/31/2014		Topographic surveying
POPLI DESIGN SERVICES	161424510	MBE	\$8,086.00	05/01/2012	09/27/2013	11/29/2013	Topographic surveying

M/WBE Vendor Name	Federal ID	Vendor Status	Subcontract Amount	Start Date	End Date	Payment Date	Work Description
FISHER ASSOCIATES	161373998	WBE	\$9,419.00	10/01/2013	12/27/2013		Topographic surveying
CON-TEST	043308124	WBE	\$57,060.00	11/01/2013	09/30/2014		Chemical analyses in laboratory
FISHER ASSOCIATES	161373998	WBE	\$6,818.00	11/01/2013	07/31/2014		Topographic surveying
CON-TEST	043308124	WBE	\$26,885.00	04/01/2014	03/31/2015		Laboratory analyses
YEC	133256907	MBE	\$8,897.00	04/01/2014	03/31/2015		Topographic surveying
DATA VALIDATION SERVICES	453050718	WBE	\$6,612.00	04/01/2014	05/29/2015		Data validation
AMERICA SCIENCE TEAM OF NEW YORK	562330487	MBE	\$555.00	05/01/2014	03/31/2015		Asbestos analyses
AMERICA SCIENCE TEAM OF NEW YORK	562330487	MBE	\$222.00	04/14/2014	01/30/2015		Asbestos analyses
YU & ASSOCIATES	223163429	MBE	\$18,200.00	04/01/2014	02/27/2015		Field Support Services
CON-TEST	043308124	WBE	\$29,289.00	06/16/2014	03/30/2015		Chemical Analyses
SUSAN M. ANACKER, PLC	161545711	WBE	\$1,595.00	07/30/2014	09/30/2014		Boat and captain use for one day
EDV, INC.	251784345	WBE	\$4,045.00	06/16/2014	03/30/2015		Data Validation
POPLI DESIGN SERVICES	161424510	MBE	\$2,375.00	07/01/2015	10/30/2015		Topographic surveying
NANCY POTAK	047389317	WBE	\$1,922.00	06/22/2015	10/30/2015		Data validation
ADIRONDACK SERVICES	452862271	WBE	\$8,599.20	06/15/2015	07/24/2015		Asbestos Air Sampling & Monitoring
POPLI DESIGN SERVICES	161424510	MBE	\$4,018.00	06/01/2015	06/30/2015		Topographic Surveying
ATLANTIC TESTING LABORATORIES	161109111	MBE	\$49,326.00	07/27/2015	09/18/2015		Sediment Sample Collection & On-Water Support
WATERSHED ASSESSMENT ASSOCIATES	208923885	WBE	\$15,400.00	09/01/2015	09/30/2015		BMI Identification & Enumeration

M/WBE Vendor Name	Federal ID	Vendor Status	Subcontract Amount	Start Date	End Date	Payment Date	Work Description
FISCHER ASSOCIATES	161373998	WBE	\$7,188.50	08/21/2015	09/30/2015		Topographic Surveying
FISCHER ASSOCIATES	161373998	WBE	\$3,376.00	09/01/2015	09/30/2015		Topographic Surveying
	Total Subcontract Amount		\$408,023.70				

By printing name below, Contractor: 1.Certifies that the above information is true and complete as of this date. 2. If required, Will Provide good faith effort documentation to NYSDEC.

Important: Please don't attach this form manually to E-Mail instead Click Submit by E-mail button to send form via E-Mail.

Authorized Representative Signature (Print Name)

TOM DRACHENBERG

FOR NYSDEC MWBE UNIT USE ONLY

Approved By:

Approved Date: