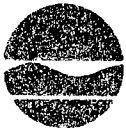


00-00-103 (6/78)



New York State Department of Environmental Conservation

MEMORANDUM

TO:
FROM:
SUBJECT:

DATE:

workplan.hw.546053, 2010-09-27, D006132-03_Shaw.pdf

New York State Department of Environmental Conservation

Division of Environmental Remediation

Office of the Director, 12th Floor

625 Broadway, Albany, New York 12233-7011

Phone: (518) 402-9706 • Fax: (518) 402-9020

Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

September 27, 2010

Mr. David Stoll
Shaw Environmental, Inc.
13 British American Blvd.
Latham, New York 12110-1405

RE: Schedule 2.11 Approvals
Contract/WA No.: **D006132-3.1**
Site/Spill Name: **Former Ford Manufacturing Co.**
Site/Spill No./PIN: **546053**

Dear Mr. Stoll:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) hereby approves the enclosed Schedule 2.11s for the above referenced WA Amendment in the amount of \$30,240 for a total WA amount not to exceed \$159,977. Your firm may now submit a request for reimbursement for work completed under this WA.

If you have any questions regarding the WA, please contact the Project Manager, Mike McLean, at (518) 897-1242.

Sincerely,

Michael J. Cruden, P.E.

Chief

Contracts and Payments Section

Bureau of Program Management

Division of Environmental Remediation

Attachments

ec: M. McLean, PM
A. Indelicato, CM
D. Desnoyers
S. Ervolina
D. Weigel
M. Cruden
C. Vasudevan
J. Swartwout
R. Huyck, Region 5
D. Finlayson
T. Wolosen
M/WBE Unit

Agency Spending Controls B-1184 Exemption

Agency Code: 09000

Agency: Environmental Conservation, Department of

Request #: 09000-376-2010

Request Type: Capital - Change Orders / Other

NPS Type: N/A

Agency Contact: Nancy Lussier - 518-402-9228

Request Title: Standby Engineering Work Assignment D006132-3.1

Description: Federal Brownfield State Response Grant (100% Fed)

Shaw Environmental - Contract D006132, Work Assignment #3.1, Former Ford Manufacturing, Site #546053. An encumbrance is needed for an amendment to an engineering standby work assignment. Additional money is needed to remove a 10,000 gallon underground storage tank filled with asbestos debris and oil that was found on the site after work began.

Justification: Environmental remediation programs are critical to DER's core mission due to the large number of sites, heightened public awareness and the dual goals of protecting human health and the environment. If this spending request is not approved, DER would be unable to perform necessary clean up. Delays in implementing the cleanup will likely result in increased costs due to further migration of contaminants and inflation.

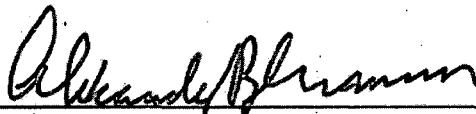
Date Approved: 09/01/2010

Agency Head/Designee: Casey Agnew

Estimated Value This Request: \$ 35,000.00

I hereby certify that the following items of expenditure are critical to protect public health and/or public safety or that such expenditures involve Federal reimbursement of at least 75 percent.

Signature: _____



Date: _____

SEP 02 2010

06DERW591



May 14, 2010

Ms. Lisa Lagasse
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway
Albany, New York 12233-7012

**Subject: Executive Summary - Work Authorization D006132-3.1
Former Ford Manufacturing Company Mill Site Requested Cost Increase**

Dear Ms. Lagasse:

Shaw Environmental and Infrastructure Engineering of New York, P.C. (Shaw) is submitting this amended 2.11 budget summary for the Former Ford Manufacturing Company Mill Site Project (Site Number 5-46-053). The original approved scope of services was summarized in the Executive Summary for Work Authorization D006132-3 submitted to the NYSDEC on April 9, 2009. Site activities have been or are being completed in accordance with the April 9, 2009 draft work plan; a cost amendment is needed due to the occurrence of asbestos containing material (ACM) in the underground storage tank (UST) at this site.

This updated Executive Summary was prepared to detail the additional time, materials, and equipment necessary to address the asbestos, lamps, bulbs and related materials encountered within the 20,000 gallon UST. The original cost estimate did not anticipate the occurrence of this material. The additional services required to address this material includes the testing for ACM by Alpine, the sampling and pre-characterization of this material for disposal off-site and removal, transportation and disposal of the above mentioned material to an approved disposal facility located in Connecticut. Shaw obtained costs for the removal, transportation and disposal of the ACM from our existing NYSDEC approved subcontractor as directed by Mike Mclean, our NYSDEC PM. These updated costs are included in the amended 2.11 package and supporting documentation obtained from Shaw's subcontractors.

Shaw obtained an estimate from Alpine to provide analysis of ACM. The work was "sole sourced" to Alpine due to their proximity to the site and availability to complete the work in a rapid manner as directed and approved by our NYSDEC PM. These costs are included in the amended 2.11 package.

The updated costs are as follows:

Task 1 – Scoping of the PSA – No Change

This task includes costs for a scoping meeting at the site with the NYSDEC as well as work plan preparation.

This task includes the following items:

- Trip to the Site for a scoping meeting;
- Work Plan Preparation and solicitations of site-specific cost estimates for closure of the USE and related disposal costs and geophysical contractors.
- Letter explaining deviations from the QAPP;
- Site Specific HASP;
- Preparation of 2.11s, progress schedule and this executive summary.

Shaw Labor	\$18,169
Travel/Materials	<u>\$ 86</u>
TOTAL	\$18,255

Task 2 – Geophysical Survey/Test Pit/UST Removal – Amended Task

This task includes the completion of a GPR survey of the entire 2.46 acre site, excavation of 12 test pits and the collection of two soil samples from each test pit. All samples will be validated by an independent third party. Additional detail on these tasks is provided below.

This task includes the following assumptions:

- Geophysical Survey: 3 days to complete the survey with Shaw oversight
- Test pitting: 4 days, beginning after the geophysical survey
- Removal of UST

Original Shaw Labor	\$ 8,242
Updated Shaw Labor	(+ \$ 5,020)
Original Subcontractor Costs	\$ 37,933
Updated Subcontractor Costs	(+ \$ 25,139)
Original Travel/Materials	\$ 4,322
Updated Travel/Materials	(+ <u>\$ 81</u>)
Original TOTAL	\$ 50,498
Updated TOTAL	\$ 80,738

Task 3 – Subsurface Investigation/ Environmental Sampling and Implementation – No Change

This task includes the installation of eight soil borings to a depth of 25 feet below ground surface. Each soil boring will be completed as a monitoring well as detailed in the work plan. One soil sample and one groundwater sample will be collected from each location. Additional detail on these tasks is provided below.

This task includes the following assumptions:

- Monitoring well installation: 4 days with Shaw oversight.
- Groundwater sampling via low-flow techniques: 2 10-hour days
- Survey: 1 day of a Shaw geologist with subcontractor to survey test pits and monitoring well locations.

Shaw Labor	\$ 11,841
Subcontractor Costs	\$ 25,087
Travel/Materials	<u>\$ 3,620</u>
TOTAL	\$ 40,548

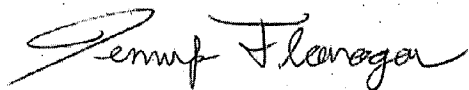
Task 4 – Final Report – No Change

This task includes the costs for providing a report summarizing all work performed and completed at the Site. The report will be issued to the NYSDEC for review no later than 30 days after receiving all site sampling data. The report will include the field sampling methods, sample analysis results (text and tables), maps, and photographs.

Shaw Labor	\$ 20,264
Travel/Materials	<u>\$ 173</u>
TOTAL	\$ 20,437

ORIGINAL WORK AUTHORIZATION TOTAL	\$129,737
UPDATED WORK AUTHORIZATION TOTAL	\$159,977

Sincerely,




Jennifer Flanagan
Project Scientist
Shaw Environmental & Infrastructure Engineering of New York, P.C.

Please Reply To: Jennifer Flanagan

Phone: 518.785.2347

E-Mail Address: jennifer.flanagan@shawgrp.com

Sincerely,



David C. Stoll, P.G.
Program Manager
Shaw Environmental & Infrastructure Engineering of New York, P.C.

Please Reply To: David Stoll

Phone: 518.785.2362

E-Mail Address: david.stoll@shawgrp.com

Former Ford Manufacturing Company Mill Site

Work Assignment Cost Schedule 2.11

**New York State Department of Environmental Conservation
Superfund Standby Contract**

**Work Assignment #: D006132-3.1
COST INCREASE/Budget Amendment**

Aug-10

This cost schedule represents costs for the tasks of Scoping of the PSA (Task 1), Geophysical Survey/Soil Gas/Initial Environmental Sampling (Task 2), Subsurface Investigation/Additional Environmental Sampling and Implementation (Task 3), Final Report (Task 4)

NYSDEC Project Manager: Mike McLean

Shaw Environmental and Infrastructure Engineering of New York, P.C.

Shaw Project Manager: David Stoll

SCHEDULE 2.11(a)

SUMMARY OF WORK ASSIGNMENT PRICE

Work Assignment #: D006132-3.1

Printed: 08/09/10

1	Direct Salary Costs (Schedules 2.10(a) and 2.11 (b))	<u>\$26,481</u>
2	Indirect Costs (Schedule 2.10(g))	<u>\$30,453</u>
3	Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	<u>\$8,281</u>
4	Subcontract Costs	

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

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)			
ii.)			
iii.)			
A)	Total Cost-Plus-Fixed-Fee Subcontracts		<u>\$0</u>

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

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)	Zebra	MW installation	<u>\$8,856</u>
ii.)	Mitkem	Soil & groundwater analysis	<u>\$23,400</u>
iii.)	Op-Tech	UST removal and disposal	<u>\$37,467</u>
iv)	Bucks Geophysical	Geophysical Investigation	<u>\$5,600</u>
iv)	Environmental Data Validation, Inc (MBE/WBE)	Data Validation	<u>\$6,326</u>
iv)	Alpine	Asbestos Removal	<u>\$3,150</u>

B)	Total Unit Price Subcontracts		<u>\$84,798</u>
5	Subcontract Management Fee		<u>\$3,360</u>
6	Total Subcontract Costs (lines 4A + 4B + 5)		<u>\$88,158</u>
7	Fixed Fee (Schedule 2.10(h))		<u>\$6,604</u>
8	Total Work Assignment Price (1+2+3+6+7)		<u>\$159,977</u>

Engineer/Contract#:
 Project Name:
 Work Assignment No.:

D006132
 Former Ford Manufacturing Company Mill Site
 D006132-3.1

Date Prepared: 8/9/2010 15:40

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Direct Labor Hours	
*Av. Salary Rate (\$) (Year: 2009)	\$56.60		\$47.59		\$43.24		\$37.25		\$33.23		\$29.78		\$25.54		\$19.98		\$14.60			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 2		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 3		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 4		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Total Hours	0		0		0		0		0		0		0		0		0		0	
Total Direct Labor Cost		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Direct Labor Hours	
*Av. Salary Rate (\$) (Year: 2010)	\$56.60		\$47.59		\$43.24		\$37.25		\$33.23		\$29.78		\$25.54		\$19.98		\$14.60			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1	7	\$396.20		\$0.00		\$0.00		\$0.00	80	\$2,658.40	60	\$1,786.80	60	\$1,532.40	60	\$1,198.80		\$0.00	267	\$7,572.60
Task 2	1.5	\$84.90		\$0.00		\$0.00		\$0.00	20	\$664.60	139	\$4,139.42	25	\$638.50		\$0.00		\$0.00	185.5	\$5,527.42
Task 3	1.5	\$84.90		\$0.00		\$0.00		\$0.00		\$0.00	120	\$3,573.60	50	\$1,277.00		\$0.00		\$0.00	171.5	\$4,935.50
Task 4	8	\$452.80		\$0.00		\$0.00		\$0.00	20	\$664.60	120	\$3,573.60	110	\$2,809.40	40	\$799.20	10	\$146.00	308	\$8,445.60
Total Hours	18		0		0		0		120		439		245		100		10		932	
Total Direct Labor Cost		\$1,018.80		\$0.00		\$0.00		\$0.00		\$3,987.60		\$13,073.42		\$6,257.30		\$1,998.00		\$146.00		\$26,481.12
Total Hours	18		0		0		0		120		439		245		100		10		932	
Total Direct Labor Cost Years: 2009 & 2010		\$1,018.80		\$0.00		\$0.00		\$0.00		\$3,987.60		\$13,073.42		\$6,257.30		\$1,998.00		\$146.00		\$26,481.12

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

Engineer/Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1

Date Prepared: 8/9/2010 15:40

Schedule 2.11(b)1
Direct Administrative Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Administrative Labor
Task 1	2				4	2	2			10
Task 2	1					1	2			4
Task 3	1					1	2			4
Task 4	2					2	2	4	1	11
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	6	0	0	0	4	6	8	4	1	29

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

1) Work Plan Budget Development

- Conflict of Interest check
- Budget schedules & Supporting documentation

2) Review work assignment (WA) progress

- Conduct progress reviews
- Prepare monthly progress schedule
- Update WA progress schedule
- Prepare M/WBE Utilization Report

3) Contractor Application for Payment (CAP)

- Oversee and prepare monthly CAP

4) Program Management

- Prepare monthly cost control report
- Cost control report
- Staffing plans
- Manage Subcontracts
- NSPE list update
- Equipment inventory

5) Miscellaneous

- Conduct Health and Safety Reviews
- Work processing and graphic artists
- Report editing

Contract/Project administrations hours would not include:

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

Engineer/Contract#:

D006132

Project Name:

Former Ford Manufacturing Company Mill Site

Work Assignment No.:

D006132-3.1

SCHEDULE 2.11(c)

Printed: 08/09/10

Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
A) <i>Sample Analysis Rates (In-House Costs Only, for Subcontracts see Schedule 2.10(f) and 2.11 (f))*</i>					
NOT APPLICABLE - Intentionally left blank					
B) <i>Miscellaneous (Travel - Lodging, Meals, Transportation see Schedule 2.10(d) for rates)</i>					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	1	\$15.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	4	\$3.20
12	Mileage	\$0.550	mile	52	\$28.60
13	Parking	\$1.00	Hr	4	\$4.00
Task 1 Total:					\$50.80
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	17.5	\$262.50
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	150	\$120.00
5	Cell Phone Usage	\$30.00	Week	3.5	\$105.00
6	Mileage	\$0.500	mile	455	\$227.50
Task 2 Total:					\$715.00
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	15	\$225.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	150	\$120.00
5	Cell Phone Usage	\$30.00	Week	2.5	\$75.00
6	Mileage	\$0.550	mile	390	\$214.50
Task 3 Total:					\$634.50

Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-3.1

SCHEDULE 2.11(c)

Printed: 08/09/10

Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
C) Printing/Plotting or Reproduction Costs					
1	Black and White - 8.5 x 11	\$0.03	copy	1000	\$30.00
2	Black and White - 11 x 17	\$0.07	copy		\$0.00
3	Color - 8.5 x 11	\$0.50	copy	10	\$5.00
4	Color - 11 x 17	\$1.00	copy		\$0.00
5	Drawings black & white	\$0.35	per sq ft or approx.		\$0.00
		\$2.40	drawing		\$0.00
6	Color Plots	\$2.25	per sq ft or approx.		\$0.00
		\$13.50	drawing		\$0.00
Task 1 Total:					\$35.00
1	Black and White - 8.5 x 11	\$0.03	copy	3000	\$90.00
2	Black and White - 11 x 17	\$0.07	copy		\$0.00
3	Color - 8.5 x 11	\$0.50	copy	30	\$15.00
4	Color - 11 x 17	\$1.00	copy		\$0.00
5	Drawings black & white	\$0.35	per sq ft or approx.		\$0.00
		\$2.40	drawing		\$0.00
6	Color Plots	\$2.25	per sq ft or approx.	30	\$67.50
		\$13.50	drawing		\$0.00
Task 4 Total:					\$172.50
Total Direct Non-Salary Costs					\$1,607.80

Engineer/Contract#: D006132 Date Prepared: 8/9/2010 15:40
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1

Schedule 2.11(d) 3

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement	Units	Est. Usage (units of Time)	Est. Rental Cost (\$) (Col 2 x3)
MiniRae 2000	75	day		\$0.00
MiniRae 2000	200	week	2	\$400.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week	2	\$380.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week	0	\$0.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week	0	\$0.00
Trimble Unit	200	day	1	\$200.00
Hertz Truck	400	LS	1	\$400.00
Excavator	2178.36	LS	1	\$2,178.36
Task 2 Total:				\$3,558.36
MiniRae 2000	75	day		\$0.00
MiniRae 2000	200	week	1	\$200.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week	1	\$190.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week	2	\$600.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week	2	\$280.00
Peristaltic Pump	75	week	2	\$150.00
Trimble Unit	200	day	1	\$200.00
Hertz Truck	400	LS	1	\$400.00
Task 3 Total:				\$2,020.00
TOTAL:				\$5,578.36

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

Engineer/Contract#: D006132 Date Prepared: 8/9/2010 15:40
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Units	Unit Cost (\$)	Total Budgeted Cost (Col 2 x3) (\$)
Gloves	2	box	15	\$30.00
Teflon Tubing	0	ft	3	\$0.00
Misc	1	ea	100	\$100.00
Task 2 Total:				\$130.00
Gloves	3	box	15	\$45.00
Tubing	240	ft	3	\$720.00
Misc	2	ea	100	\$200.00
Task 3 Total:				\$965.00
TOTAL				<u>\$1,095.00</u>

Engineer/Contract#: D006132 Date Prepared: 8/9/2010 15:40
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee	
Zebra	Geoprobe holes	\$8,856.00	\$0.00	
Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Mobilization	\$200.00	ls	1	\$200.00
Daily Rate with 2 man crew (8 hrs)	\$1,375.00	day	4	\$5,500.00
Macro core probe sampling/ MW Installation to 25 25 ft	\$322.00	each	8	\$2,576.00
6" Curb Box	\$60.00	each	6	\$360.00
55-gallon drums	\$55.00	each	4	\$220.00
Task 3 Total:				\$8,856.00
Subcontract Total:				\$8,856.00
Subcontract Management Fee:				
TOTAL:				\$8,856.00

Engineer/Contract#:
 Project Name:
 Work Assignment No.:

D006132
 Former Ford Manufacturing Company Mill Site
 D006132-3.1

Date Prepared: 8/9/2010 15:40

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Milkem	Soil and GW Analysis	\$23,400.00	\$1,170.00

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Soil - TCL VOCs	\$70.00	each	24	\$1,680.00
Soil -TCL SVOCs	\$165.00	each	24	\$3,960.00
Soil - TAL Metals (no CN)	\$75.00	each	24	\$1,800.00
Soil - TAL Mercury	\$13.00	each	24	\$312.00
Soil - TAL CN	\$20.00	each	24	\$480.00
Soil - TCL Pesticides/PCBs	\$125.00	each	24	\$3,000.00
Task 2 Total:				\$11,232.00
Soil - TCL VOCs	\$70.00	each	13	\$910.00
Soil -TCL SVOCs	\$165.00	each	13	\$2,145.00
Soil - TAL Metals (no CN)	\$75.00	each	13	\$975.00
Soil - TAL Mercury	\$13.00	each	13	\$169.00
Soil - TAL CN	\$20.00	each	13	\$260.00
Soil - TCL Pesticides/PCBs	\$125.00	each	13	\$1,625.00
GW - TCL VOCs	\$70.00	each	13	\$910.00
GW -TCL SVOCs	\$165.00	each	13	\$2,145.00
GW - TAL Metals (no CN)	\$75.00	each	13	\$975.00
GW- TAL Mercury	\$13.00	each	13	\$169.00
GW - TAL CN	\$20.00	each	13	\$260.00
GW - TCL Pesticides/PCBs	\$125.00	each	13	\$1,625.00
Task 3 Total:				\$12,168.00
Subcontract Total:				\$23,400.00
Subcontract Management Fee:				\$1,170.00
TOTAL:				\$24,570.00

Engineer/Contract#:
 Project Name:
 Work Assignment No.:

D006132
 Former Ford Manufacturing Company Mill Site
 D006132-3.1

Date Prepared: 8/9/2010 15:40

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
OpTech	UST Removal	\$39,340.35	\$1,873.35

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Excavator and Crew/Operator (including mob/demob) assume 2 days	\$5,400.00	each	1	\$5,400.00
Daily use of Vac Truck	\$800.00	day	1	\$800.00
Cleaning & disposal of 20,000-gal UST	\$2,000.00	LS	1	\$2,000.00
Backfill - bank run gravel, delivered	\$9.50	ton	250	\$2,375.00
Transportation/disposal of Petroleum-Contaminated Soil	\$42.00	ton	100	\$4,200.00
Transportation/disposal of tank liquids	\$0.55	gal	1000	\$550.00
Additional per day charge for excavation & operator	\$1,200.00	day	2	\$2,400.00
Labor Cost for Additional Work	\$666.00	day	4	\$2,664.00
PPE and Materials	\$294.00	each	2	\$588.00
Excavator	\$1,000.00	LS	4	\$4,000.00
Misc Equipment	\$280.00	each	2	\$560.00
Disposal based on 10 yards/15 tons	\$1,920.00	each	3	\$5,760.00
Disposal handling fee	\$1,440.00	each	3	\$4,320.00
NYS DOL Notification (based on 300 sf of debris)	\$400.00	LS	1	\$400.00
Additional NYS DOL Notification (based on 300 sf of debris)	\$600.00	LS	1	\$600.00
DOL Engineering Variance	\$850.00	LS	1	\$850.00

Task 2 Total: \$37,467.00

Subcontract Total: \$37,467.00

Subcontract Management Fee: \$1,873.35

TOTAL: \$39,340.35

Engineer/Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1

Date Prepared: 8/9/2010 15:40

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Bucks Geophysical Corporation	Geophysics Survey	\$5,600.00	\$0.00

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Mobilization	600	ea	1	\$600.00
GPR survey of 2.46 acre site	4,000	LS	1	\$4,000.00
EM Survey over 1/2 acre lot	1,000	LS	1	\$1,000.00
Task 2 Total:				\$5,600.00

Subcontract Total: \$5,600.00

Subcontract Management Fee:

TOTAL: \$5,600.00

Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-3.1

Date Prepared: 8/9/2010 15:40

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Environmental Data Validation (MBE)	Soil and GW Analysis	\$6,325.50	\$316.28

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Soil - VOCs	\$23.22	each	24	\$557.28
Soil - SVOCs	\$25.77	each	24	\$618.48
Soil - Metals	\$25.77	each	24	\$618.48
Soils - CN	\$12.99	each	24	\$311.76
Soils - Mercury	\$12.99	each	24	\$311.76
Soils - Pesticides/PCBs	\$25.77	each	24	\$618.48
Task 2 Total:				\$3,036.24
Soil /Groundwater - VOCs	\$23.22	each	26	\$603.72
Soil /Groundwater - SVOCs	\$25.77	each	26	\$670.02
Soil / Groundwater - Metals	\$25.77	each	26	\$670.02
Soils/GW - CN	\$12.99	each	26	\$337.74
Soils/GW - Mercury	\$12.99	each	26	\$337.74
Soils/GW - Pesticides/PCBs	\$25.77	each	26	\$670.02
Task 3 Total:				\$3,289.26
Subcontract Total:				\$6,325.50
Subcontract Management Fee:				\$316.28
TOTAL:				\$6,641.78

Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-3.1

Date Prepared: 8/9/2010 15:40

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Alpine	Asbestos Testing	\$3,150.00	\$0.00

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
ACM On-Site Testing	\$350.00	day	9	\$3,150.00

* Please note, this task was originally scheduled to be completed in one day.

Task 2 Total: \$3,150.00

Subcontract Total: \$3,150.00

Subcontract Management Fee: \$0.00

TOTAL: \$3,150.00

Schedule 2.11(g)

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

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1
 Task No./Name: Task 1-4 Summary
 Complete: 0%

Page 1 of 5
 Date Prepared: 8/9/2010 15:40
 Billing Period: _____
 Invoice No.: _____

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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$26,481	\$26,481
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$30,453	\$30,453
Subtotal Direct Salary								
3 Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$56,934	\$56,934
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$475	\$475
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$7,806	\$7,806
6 Subtotal Direct Non-Sala	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$8,281	\$8,281
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$88,158	\$88,158
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$153,373	\$153,373
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$6,604	\$6,604
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$159,977	\$159,977

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1
 Task No./Name: 01/Preliminary Activities
 Complete 0%

Page 2 of 2
 Date Prepared: 8/9/2010 15:40
 Billing Period
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	A	B	C	D	E	F	G	H
Expenditure Category	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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$7,572.60	\$7,572.60
2 Indirect Costs 115%	\$0.00			\$0.00			\$8,708.49	\$8,708.49
Subtotal Direct Salary 3 Costs and Indirect Costs	\$0.00			\$0.00			\$16,281.09	\$16,281.09
4 Travel				\$0.00			\$32.60	\$32.60
5 Other Non-Salary Costs				\$0.00			\$53.20	\$53.20
6 Subtotal Direct Non-Salary	\$0.00			\$0.00			\$85.80	\$85.80
7 Subcontractors				\$0.00			\$0.00	\$0.00
8 Total WA Cost	\$0.00			\$0.00			\$16,366.89	\$16,366.89
9 Fixed Fee	\$0.00			\$0.00			\$1,888.61	\$1,888.61
10 Total WA Price	\$0.00			\$0.00			\$18,255.50	\$18,255.50

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

Monthly Cost Control Report Summary of Fiscal Information

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1
 Task No./Name: 02/Geophysical Survey/Soil Gas/Initial Environmental Sampling
 Complete 0%

Page 3 of 5
 Date Prepared: 8/9/2010 15:40
 Billing Period: _____
 Invoice No.: _____

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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$5,527.42	\$5,527.42
2 Indirect Costs 115%	\$0.00			\$0.00			\$6,356.53	\$6,356.53
Subtotal Direct Salary Costs and Indirect								
3 Costs	\$0.00			\$0.00			\$11,883.95	\$11,883.95
4 Travel				\$0.00			\$227.50	\$227.50
5 Other Non-Salary Costs				\$0.00			\$4,175.86	\$4,175.86
6 Subtotal Direct Non-Sala	\$0.00			\$0.00			\$4,403.36	\$4,403.36
7 Subcontractors				\$0.00			\$63,064.43	\$63,064.43
8 Total WA Cost	\$0.00			\$0.00			\$79,351.74	\$79,351.74
9 Fixed Fee	\$0.00			\$0.00			\$1,378.54	\$1,378.54
10 Total WA Price	\$0.00			\$0.00			\$80,730.28	\$0.00

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

Monthly Cost Control Report Summary of Fiscal Information

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1
 Task No./Name: 03/Subsurface Investigation/Additional Environmental Sampling and Implementation
 Complete 0%

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 Date Prepared: 8/9/2010 15:40
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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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$4,935.50	\$4,935.50
2 Indirect Costs 115%	\$0.00			\$0.00			\$5,675.83	\$5,675.83
Subtotal Direct Salary Costs and Indirect								
3 Costs	\$0.00			\$0.00			\$10,611.33	\$10,611.33
4 Travel				\$0.00			\$214.50	\$214.50
5 Other Non-Salary Costs				\$0.00			\$3,404.50	\$3,404.50
6 Subtotal Direct Non-Sala	\$0.00			\$0.00			\$3,619.00	\$3,619.00
7 Subcontractors				\$0.00			\$25,093.36	\$25,093.36
8 Total WA Cost	\$0.00			\$0.00			\$39,323.69	\$39,323.69
9 Fixed Fee	\$0.00			\$0.00			\$1,230.91	\$1,230.91
10 Total WA Price	\$0.00			\$0.00			\$40,554.60	\$40,554.60

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1
 Task No./Name: 04/Final Report
 Complete 0%

Page 5 of 5
 Date Prepared: 8/9/2010 15:40
 Billing Period _____
 Invoice No. _____

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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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$8,445.60	\$8,445.60
2 Indirect Costs 115%	\$0.00			\$0.00			\$9,712.44	\$9,712.44
Subtotal Direct Salary Costs and Indirect Costs	\$0.00			\$0.00			\$18,158.04	\$18,158.04
3								
4 Travel				\$0.00			\$0.00	\$0.00
5 Other Non-Salary Costs				\$0.00			\$172.50	\$172.50
6 Subtotal Direct Non-Sala	\$0.00			\$0.00			\$172.50	\$172.50
7 Subcontractors				\$0.00			\$0.00	\$0.00
8 Total WA Cost	\$0.00			\$0.00			\$18,330.54	\$18,330.54
9 Fixed Fee	\$0.00			\$0.00			\$2,106.33	\$2,106.33
10 Total WA Price	\$0.00			\$0.00			\$20,436.87	\$20,436.87

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontracts

PM/Engineer: David Stoll
D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1
 Complete 0%

Page 1 of 2
 Date Prepared: 8/9/2010 15:40
 Billing Period _____
 Invoice No. _____

	A	B	C	D	E	F	G
Subcontract Name	Subcontracts Costs Claimed this Application Inc. Resubmittals	Subcontract Costs Approved for Payment on Previous	Total Subcontract Costs to Date (A + B)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date (C plus F)
1 Zebra			\$0.00	\$8,856			\$0.00
2 Mitkem - Soil & GW			\$0.00	\$23,400	\$1,170		\$0.00
3 Op-Tech			\$0.00	\$37,467	\$1,873		\$0.00
4 Bucks Geophysical Corporation			\$0.00	\$5,600			\$0.00
5 Environmental Data Validation (MBE/WBE)			\$0.00	\$6,326	\$316		\$0.00
6 Alpine			\$0.00	\$3,150			\$0.00
7							\$0.00
8							\$0.00
9							\$0.00
Total	\$0.00	\$0.00	\$0.00	\$84,799	\$3,360	\$0.00	\$0.00

Project Manager _____

Date _____

NOTES:

- 1 Costs listed in Columns A, B, C & D do not include any management fee costs.
- 2 Management fee is applicable to only properly procured, satisfactorily completed, unit price subcontracts over \$10,000.
- 3 Line 11, Column G should equal Line 7 (Subcontractors), Column D of Summary Cost Control Report.

Schedule 2.11(h)
Monthly Costs Control Report
Summary of Labor Hours

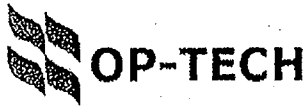
Number of Direct Labor Hours Expended to Date/Estimated Number of Direct Labor Hours to Completion

Engineer/Contract#: David Stoll / D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-3.1

Date Prepared: 8/9/2010 15:40
 Billing Period: _____
 Invoice No.: _____

NSPE Labor Classification	IX Exp/Est*	VIII Exp/Est*	VII Exp/Est*	VI Exp/Est*	V Exp/Est*	IV Exp/Est*	III Exp/Est*	II Exp/Est*	I Exp/Est*	Admin.	Total Direct Labor Hours Exp/Est
Task 1	5				76	58	58	60		10	267
Task 2	0.5				20	138	23			4	185.5
Task 3	0.5					119	48			4	171.5
Task 4	6				20	118	108	36	9	11	308
Task 5											0
Task 6											0
Task 7											0
Task 8											0
Task 9											0
Task 10											0
Task 11											0
Task 12											0
Total Hours	0 12	0	0 0	0 0	0 116	0 433	0 237	0 96	9	0 29	932

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



150 Rotterdam Industrial Park
Schenectady, New York 13206
P: (518) 355-0197
F: (518) 355-3256
www.op-tech.us

March 16, 2010

Proposal No-A2010-045-Addition

Marc E. Flanagan
Shaw Environmental, Inc.
13 British American Blvd.
Latham, NY 12110-1405

Re: Asbestos Pipe Insulation and Soil Removal
Waterford DPW
Waterford, NY

Dear Mr. Flanagan:

Pursuant to your request, OP-TECH Environmental Services, Inc. (OP-TECH) is pleased to present this proposal for services related to the asbestos abatement of 40 lf of pipe insulation and the associated asbestos contaminated soil as requested at the above named location. The following shall serve to detail the proposed scope, assumptions, exclusions and estimated costs of the project based on the information provided and my site visit on February 9th, 2010.

Scope of Services

- Removal of approximately 40 LF of asbestos containing pipe insulation and the associated asbestos contaminated soil
- Supply all necessary asbestos building occupancy postings and a site specific variance
- Supply licensed and qualified Supervisor
- Supply licensed and qualified Labor
- Work to be performed in one mobilization
- OP-TECH will provide decons, ppe, all poly and materials needed for project
- Removal of asbestos per NYS Code Rule 56 and OSHA Standards
- Project bid using standard wage rates based on 8 hr work shifts Monday through Friday
- Supply G.L. & W.C. insurance's with pollution liability (additional insurance and certificate holders need to be requested in advance in writing)

Contingencies:

- Payment terms are net 30
- Free and clear access to the site
- Bonding price has not been included in this quote
- Owner or Shaw to provide third party air testing
- Owner will supply utilities and an able staging area
- Sales tax, if applicable, is a separate item unless the proper tax-exempt or capital improvement documentation is provided
- OP-TECH not responsible for damage caused by water
- Disposal, off specification charges or other work performed beyond the scope of work described above, unless agreed to in writing, will be billed at OP-TECH's standard time and material rates
- VISA and MasterCard are accepted forms of payment
- The customer and OP-TECH agree to the terms and conditions set forth in this Work Order
- Pricing valid for 30 days from the date of quote
- Waste shipping documents are required to be signed by the owner at the time of shipment

Estimated Costs:

Based on OP-TECH's understanding of the project, the information provided in the site survey, OP-TECH shall perform the above scope of work consistent with the cost estimate defined below:

Labor Cost(2men x 8 hours):	\$ 666.00
PPE and Materials:	\$ 294.00
Excavator:	\$1,000.00
Misc. Equipment:	\$ 280.00
Disposal(based on 10yds/15ton):	\$1,920.00
Disposal Hauling Fee:	\$1,440.00
NY State DOL Notification(based on 300 SF of debris):	\$ 600.00
TOTAL:	\$6,200.00

Sincerely,
OP-TECH ENVIRONMENTAL SERVICES, INC.

Mike Jenkins
Project Manager

OP-TECH Environmental Services, Inc.



**Alpine
Environmental
Services, Inc.**

February 15, 2010

Mr. Marc Flanagan
Shaw Environmental & Infrastructure
13 British American Boulevard
Latham, New York 12110

RE: Proposal for Asbestos Air Monitoring Services at 12 2nd Street (Waterford Water Department), Waterford, New York.

Proposal # 021510-1MJB

Dear Marc:

Per our conversation, I am providing you with a proposal for asbestos air monitoring services in conjunction with the asbestos project at the captioned location. The below day rate is based on up to eight hours on site labor, up to eight PCM samples, and travel time and expense for one round trip.

DAY RATE

NYS Certified Asbestos Air Monitor: \$350.00/Day

Minimum Site charge is \$225.00 (includes contractor failing to show up or canceling work within twelve hours of site start time.)

No retainer shall be held on work past Alpine's completion of services, final report.

Site hours above eight for any one day will be invoiced at \$55.00/hour.

Nights, Weekends and Holidays will be invoiced at 1.5 times the above rate.

PCM samples above 8 in any one day will be invoiced at \$8.00 per sample.

Samples requiring analysis on Holidays, from 6:00 pm through 6:00 am on weekdays or on weekends from 6:00 pm on Friday through 6:00 am on Monday will incur a Lab charge of \$150.00 in addition to the per sample charge.

Alpine Environmental Services, Inc. performs Phase Contrast Microscopy (PCM) and Polarized Light Microscopy (PLM). All other analysis, including Transmission Electron Microscopy (TEM), shall be sub-contracted. TEM analysis is performed by EMSL Analytical, Inc. and/or Adirondack ES, both are NYS ELAP certified laboratories for TEM analysis.

Alpine Environmental Services carries appropriate insurance and a Certificate of Insurance is available upon request at the time a contract is awarded. Any limits or coverage required above those currently carried, if available, will result in an additional charge which will be billed in addition to the above rates.

Alpine Environmental Services is not responsible for unexpected project delays including, but not limited to, longer project durations and/or failure of final clearance samples.

All services are to be requested 24 hours in advance.

These rates are valid for six months.

Per Proposal # 021510-1MJB

Payment terms are net 37 days. The client agrees to pay a finance charge of one and one half percent (1 ½%) per month, or the maximum rate allowed by law. The client will be liable for all court costs, disbursements, and reasonable attorneys' fees incurred by Alpine Environmental Services, Inc. The undersigned agrees to the terms, conditions, and costs outlined in this proposal.

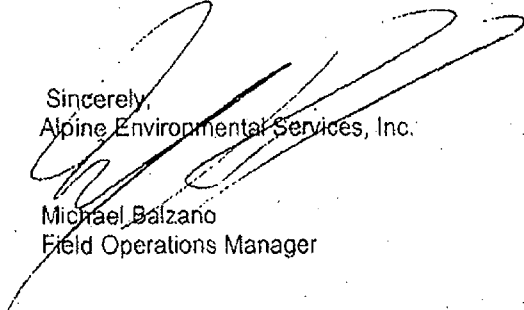
SIGNATURE

PRINTED NAME

TITLE

DATE

Sincerely,
Alpine Environmental Services, Inc.


Michael Balzano
Field Operations Manager

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name FORMER GRD MFG Mill Site

Site/Spill Number 5-46-053 Contract/WA # D006132-3

NOTE: Standby Contractor must obtain Contract Manager approval prior to award of subcontract.

Check the appropriate box and complete the chart below:

- ☐ Standby cost-plus-fixed-fee subconsultant 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.)

For other 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).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
ALPINE ENV.	518 453046	2/15/10	\$350/DAY *
* originally scheduled to be one day job, site conditions changed and escalated to 9 days total; total price ended up @ \$3150 as detailed			

IN 2.11 amendment

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

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It 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. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

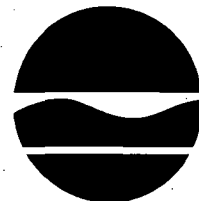
David Stoll 8/10/10
Signature of Contractor's Authorized Representative Date

Shaw E and I of New York, P.C. D006132-3
Contractor Name Contract/WA No.

ALPINE ENVIRONMENTAL SERVICES, INC.
Subcontractor Name

Rev. 02/11/10

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway, Albany, New York 12233-7012
Phone: (518) 402-9764 • **FAX:** (518) 402-9722
Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

Via E-Mail

May 6, 2009

Mr. David Stoll
Shaw Environmental, Inc.
13 British American Boulevard
Latham, NY 12110-1405

RE: Schedule 2.11 Approvals
Contract/WA No. D006132-3
Site/Spill Name - Former Ford Manufacturing Co.
Site No. - 546053

Dear Mr. Stoll:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) hereby approves the enclosed Schedule 2.11s for the above referenced WA for a total amount not to exceed \$129,737. Your firm may now submit a request for reimbursement for work completed under this WA.

If you have any questions regarding the WA, please contact the Project Manager, Mike McLean at (518) 897-1242.

Sincerely,

Michael J. Cruden, P.E.
Chief
Contracts and Payments Section
Bureau of Program Management
Division of Environmental Remediation

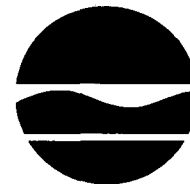
Attachments

ec: w/att. M. McLean
L. Lagasse

ec: w/o att. D. Desnoyers
S. Ervolina
D. Weigel
C. Vasudevan
J. Swartwout
R. Huyck
D. Finlayson
C. Hale

bec: M. Cruden

New York State Department of Environmental Conservation
Division of Management & Budget Services
625 Broadway, Albany, New York 12233-5028
Phone: (518) 402-9311 • FAX: (518) 402-9230
Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

May 6, 2009

MR DAVID STOLL, P.G.
SHAW ENVIRONMENTAL AND
INFRASTRUCTURE OF NY, P.C.
13 BRITISH AMERICAN BOULEVARD
LATHAM, NEW YORK 12110

Re: Contract # D006132
County: SARATOGA
Minority and Women's Business Program

Dear Mr. Stoll:

The Bureau of Affirmative Action and Minority and Women's Business Programs (BAA/W/WBP) is responsible for the administration of the Department of Environmental Conservation's (DEC) Minority and Women's Business Enterprise-Equal Employment Opportunity (M/WBE-EEO) Program. The M/WBE-EEO Program serves to assure that NY State certified minority and women-owned business enterprises (M/WBEs) are provided access to contracting opportunities. The program also ensures that minorities and women are provided equal access to employment opportunities (EEO) created by the expenditure of public funds. The Office of Minority and Women's Business Programs is in receipt of your firm's utilization plan. Based on our review, the following comments are provided for your information

- A. The contractor's detailed M/WBE utilization plan for the above contract/work assignment has been **approved**.

To be in compliance with the M/WBE-EEO program requirements, please ensure that the following procedures are followed:

1. That legally signed and executed M/WBE subcontracts are maintained in your files for review by the NYSDEC.
2. That copies of purchase orders (if used) along with copies of both sides of legally signed and canceled checks; need to be kept to verify actual payment to M/WBE's. These documents are to be kept in your files and made available when requested, for review by the NYSDEC.
3. That you Shaw Environmental & Infrastructure, of New York, provide this office, within fifteen (15) business days of the close of each federal fiscal quarter, a quarterly report listing of all M/WBE subcontracts on record for each prime contract and/or legally signed purchase orders. Please include date of award for each M/WBE subcontract, total dollar value and scope of work.

4. The OMWBP must be notified immediately of changes to the approved Utilization Plan along with the following documentation:

- Records indicating reasonable steps to promptly replace and MBE or WBE subcontractor that is unable to perform successfully with another MBE or WBE;
- Copies of the correspondence or any information relevant to the change.

If you require assistance in obtaining the names of NYS certified M/WBEs that specialize in the tasks contained in your documents, you may access the Empire State Development Corporation's M/WBE Directory via the Internet at: <http://www.nylovesmwbe.ny.gov/cf/search.cfm> or contact me at (518) 402-9311.

Sincerely,

Compliance Specialist I/Minority
Business Specialist I

From: Mike McLean
To: Lagasse, Lisa
Date: 4/30/2009 2:06 PM
Subject: Re: Ford Mfr 2.11 2nd submittal.pdf - Adobe Acrobat Standard

Hi Lisa,

I have reviewed the document, the cost breakdown appears reasonable and I have no problems with it.

Mike

>>> On 4/28/2009 at 8:59 AM, in message <49F6C57F.B184.00B1.0@gw.dec.state.ny.us>, Lisa Lagasse wrote:
Hi Mike -

I have reviewed the costing schedule for the above-referenced site. I am just waiting for Shaw to submit quotes for the excavator. Other than that, I have reviewed & the 2.11s look ok to me. Before I tell them to finalize, please review & see if you have any issues.

Thanks.

Lisa



13 British American Boulevard
Latham, NY 12110-1405
Phone: 518.783.1996
Fax: 518.783.8397

April 30, 2009

Ms. Lisa Lagasse
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway
Albany, New York; 12233-7012

**Subject: Executive Summary for Work Authorization D006132-03
Former Ford Manufacturing Company Mill Site**

Shaw Environmental & Infrastructure Engineering of New York, P.C. (Shaw) is submitting the attached 2.11 budget summary and 2.11 checklist for the Former Ford Manufacturing Company Mill Site Project (Site Number 5-46-053). This scope of services discussed herein is based upon Work Authorization (WA): D006132-3 provided to Shaw on February 11, 2009 and subsequent discussions and meetings with the NSYDEC Project Manager. Site activities will be completed in accordance with the April 9, 2009 draft work plan. Shaw assumes that all work will be completed prior to December 31, 2009. Therefore, Shaw did not include costs for 2010.

Please note that Shaw Labor Costs include direct costs (using average reimbursement rates), indirect costs and fixed fee.

Shaw solicited mobilization and other out of scope costs from our four standby geoprobe companies. These contractors were approved by the NYSDEC and are currently completing information requirements to complete their contracts and subcontractor agreements. Zebra submitted the lowest price and was selected to provide geoprobe services for this project. The local Zebra office will be performing the work and provided a lower cost than in the standby contract.

Site-specific cost estimates were solicited from five qualified geophysical vendors. Shaw received four responses and one firm provided "no bid" responses. The lowest responsive bid was received from Bucks Geophysical Corporation.

Site-specific cost estimates were solicited from three qualified UST removal vendors. All firms responded. The lowest responsive bid was received from Op-Tech.

Shaw awarded the soil/groundwater laboratory analysis to Mitkem Laboratories as they were the second company in the laboratory rotation on Shaw's potential four groundwater/soil laboratory standby contract.

Shaw used an engineer's estimate to choose the data validation company. Shaw awarded the work to Environmental Data Services (M/WBE). EDV has been very cost competitive in response to bids for the prior two work assignments – EDV had the second lowest bid in the previous two work assignments. The award is for \$6641.78 (including a \$316.28 subcontractor management fee) which is less than 5% of the total Work Assignment.

Shaw will self perform the excavation of test pits at the site. Shaw has included the rental cost of an excavator in the 2.11 package.

Task 1 – Scoping of the PSA

This task includes costs for a scoping meeting at the site with the NYSDEC as well as work plan preparation.

This task includes the following items:

- Trip to the Site for a scoping meeting;
- Work Plan Preparation and solicitations of site-specific cost estimates for closure of the USE and related disposal costs and geophysical contractors.
- Letter explaining deviations from the QAPP;
- Site Specific HASP;
- Preparation of 2.11s, progress schedule and this executive summary.

Shaw Labor	\$18,169
Travel/Materials	\$ <u>86</u>
TOTAL	\$18,255

Task 2 – Geophysical Survey/Test Pit/UST Removal

This task includes the completion of a GPR survey of the entire 2.46 acre site, excavation of 12 test pits and the collection of two soil samples from each test pit. All samples will be validated by an independent third party. Additional detail on these tasks is provided below.

Geophysical Survey

The generalized scope of work is to perform a geophysical survey across the site to identify locations of utilities, underground pipes, dry wells, cesspools, storage tanks, etc by ground penetrating radar (GPR) and electromagnetic (EM) equipment. A 10ft by 10ft grid will be established to identify surface anomalies. All anomalies will be marked/flagged for evaluation during the installation of test pits.

Soil Sampling

Twelve test pits will be advanced across the site. Two soil samples will be collected from each test pit (for a total of 24 samples). One sample will be from the surface and the other from the subsurface. The samples will be collected from either visually stained soil, or from the sample exhibiting the highest PID reading or near the water table. All samples will be analyzed for TCL volatiles organic compounds (VOCs), semi-volatile organic compounds (SVOCs), TAL metals (including cyanide and mercury), polychlorinated biphenyls (PCBs) and pesticides. No quality control samples will be collected.

Underground Storage Tank Removal

This task also includes the time and expense for an underground storage tank contractor to excavate the existing 20,000 gallon UST as detailed in the draft work plan.

This task includes the following assumptions:

- Geophysical Survey: 3 days to complete the survey with Shaw oversight
- Test pitting: 4 days, beginning after the geophysical survey
- Removal of USTs: anticipated to take 3 days

Shaw Labor	\$ 8,243
Subcontractor Costs	\$ 37,933
Travel/Materials	<u>\$ 4,322</u>
TOTAL	\$ 50,498

Task 3 – Subsurface Investigation/ Environmental Sampling and Implementation

This task includes the installation of eight soil borings to a depth of 25 feet below ground surface. Each soil boring will be completed as a monitoring well as detailed in the work plan. One soil sample and one groundwater sample will be collected from each location. Additional detail on these tasks is provided below.

Soil/Groundwater Sampling

The generalized scope of work is to advance eight monitoring wells to 25 feet bgs to assess soil and groundwater quality across the site. Locations will be continuously screened/characterized to 25 ft bgs. One soil sample will be collected per locations for laboratory analysis at the depth exhibiting the highest head space result or visible staining. Additionally, quality control samples will be collected. All samples will be analyzed for VOCs, SVOCs, metals (including cyanide and mercury), PCBs and pesticides.

After the monitoring wells have been installed and developed, Shaw will collect a groundwater samples from each monitoring well. Samples will be collected via low-flow techniques until the parameters stabilize or water is under 50 NTU. Shaw will also collect one set (MS/MSD, duplicate and a rinse blank) of quality control samples from the monitoring wells. All samples will be analyzed for VOCs, SVOCs, metals (including cyanide and mercury), PCBs and pesticides.

- Monitoring well installation: 4 days with Shaw oversight
- Groundwater sampling via low-flow techniques: 2 10-hour days
- Survey: 1 day of a Shaw geologist with subcontractor to survey test pits and monitoring well locations.

Shaw Labor	\$ 11,841
Subcontractor Costs	\$ 25,087
Travel/Materials	\$ 3,620
TOTAL	\$ 40,548

Task 4 – Final Report

This task includes the costs for providing a report summarizing all work performed and completed at the Site. The report will be issued to the NYSDEC for review no later than 30 days

after receiving all site sampling data. The report will include the field sampling methods, sample analysis results (text and tables), maps, and photographs.

Once NYSDEC comments have been received, Shaw will incorporate them into the final report. Shaw will issue NYSDEC one copy of the final report including, text, tables, figures/maps (i.e. site location, groundwater contours, analyte detections for each media, etc), photographs, etc in "bookmarked".pdf format on compact disc as well as the number of hard copy reports requested by the NYSDEC.

Additionally, Shaw will submit all original chain of custody's, forms (i.e., sampling forms, purge forms, inspection forms) as well as a copy of any data usability reports to the NYSDEC.

Shaw Labor	\$ 20,264
Travel/Materials	\$ 173
TOTAL	\$ 20,437

WORK AUTHORIZATION TOTAL \$129,737

Schedule

Upon approval of the work plan and approval of site access by the NYSDEC, Shaw will schedule the field work with the approved geophysical surveyor and direct push subcontractor. The following schedule is proposed:

- Shaw will coordinate the geophysical surveyor's schedule to expedite the sampling effort. It is anticipated that the actual field survey can be completed in three 10-hour days (based upon subcontractor estimates). The work start time will be determined by the Shaw site supervisor and may vary depending upon weather and site conditions.
- Shaw will be self performing the test pit effort. Shaw anticipates that the 10 test pits can be completed in four 10-hr days.
- Shaw will coordinate the direct-push contractor's schedule to minimize the impact to site operations and expedite the sampling effort. It is anticipated that the actual field sampling effort (Task 3) can be completed in five 10-hour days. The work start time will be determined by the Shaw site supervisor and may vary depending on weather and site conditions.
- The UST will be removed in three days.
- Analytical results will be received in a Category B deliverable format from the ELAP-approved laboratory within 28 days of sample receipt.

- All samples collected during the site investigation will be submitted to an approved third party data validation contractor. The data validation contractor will provide a data validation/usability report within 30 days of receipt of analytical results.
- The results of these investigative activities will be included in a draft letter report discussing all file review data, analytical data and field investigative activities. The report will include tabulated data, figures, boring logs, sample location maps, geophysical anomaly detection figure, geological cross sections, local groundwater flow direction, "spider" maps for exceedences and contaminant concentration plots. Three copies of the draft report will be submitted to the NYSDEC for review and comment within 90 days after completion of field work.
- Shaw will revise the draft letter report according to the comments provided by the NYSDEC. The final report will be submitted in both hard copy and electronic format. In addition an electronic data deliverable (EDD) will be submitted along with the report for use by the NYSDEC. The report and EDD will be provided to the NYSDEC and NYSDOH within 30 days after receipt of comments.

Sincerely,

Shaw Environmental & Infrastructure Engineering of New York, P.C.

Heather A. Fariello

Heather A. Fariello
Project Manager

David C. Stoll

David C. Stoll, P.G.
Program Manager

Attachments: Attachment A: 2.11 Check List
Attachment B: 2.11 Package

ATTACHMENT A

2.11 CHECKLIST

Cost Review for Work Plan or Amendment

Contractor Name: *SHAW ENV. & INFRASTRUCTURE OF N.Y.P.C.*
 WA # and Name: *D006132-3/GRD MFG.*

Date: *4/9/09*
 Reviewer: *RANDY STOLL*

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

	Schedule 2.11(b) - Standby Subcontractors	Yes	No	Comments
	Standby subcontract is active and rates (salary, direct and indirect costs, and fixed fee) match contract rates.			N/A
	A breakdown of direct non-salary costs is provided.			N/A
	Total subcontract cost matches amount on Schedule 2.11(a).			N/A
	Subcontractor has justified/obtained adequate quotes for any further subcontracted work.			N/A
	Subcontractor certification(s) have been submitted.			N/A
5.	Schedule 2.11(f) - Non-Standby Subcontractors			
	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.	✓		
	Standby Drillers (Two phase process) - Costs from at least 3 standbys (or additional quotes from non-standby drillers) are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected.	✓		
	Standby Labs and Data Validators (rotate use) - Unit costs match those in contract(s).	✓		
	M/WBE - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by an engineer's estimate.	✓		
	Cost reasonableness of sole/single source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).	✓		
	Placeholders are used only for non-standby subcontractors.			N/A
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.			N/A
	Correct management fee is calculated only on non-professional unit priced subs >\$10k and M/WBE firms from \$1. (Management fee is not allowed on professional engineering firms, architects, or surveyors unless the contract specifically allows it.)	✓		
	Total subcontract costs match the amounts on Schedule 2.11(a).	✓		
	Justification is attached for subcontracts >\$100,000 supporting a determination not to design and competitively bid the work. Response-type activities (drum removals, other construction-type activities) must be competitively bid unless otherwise approved			N/A
	Subcontractor certification(s) have been submitted.	✓		
6.	Schedule 2.11(g) - Cost Control Report			
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	✓		
7.	Schedule 2.11(h) - Subcontracted Cost Control Report(s)			
	Schedules include all applicable subcontracts and management fees (for unit price only).	✓		
8.	Schedule 2.11(i)			
	Rates for indirect and fixed fee match contract rates.	✓		
	All numbers rolled up into Schedule 2.11(a) add up.	✓		

Rev. 12/22/08

ATTACHMENT B

2.11 PACKAGE

Former Ford Manufacturing Company Mill Site
Work Assignment Cost Schedule 2.11

**New York State Department of Environmental Conservation
Superfund Standby Contract**

Work Assignment #: D006132-03

Apr-09

This cost schedule represents costs for the tasks of Scoping of the PSA (Task 1), Geophysical Survey/Soil Gas/Initial Environmental Sampling (Task 2), Subsurface Investigation/Additional Environmental Sampling and Implementation (Task 3), Final Report (Task 4)

NYSDEC Project Manager: Mike McLean

Shaw Environmental and Infrastructure Engineering of New York, P.C.

Shaw Project Manager: David Stoll

SCHEDULE 2.11(a)**SUMMARY OF WORK ASSIGNMENT PRICE**

Work Assignment #: D006132-03

Printed: 04/30/09

1	Direct Salary Costs (Schedules 2.10(a) and 2.11 (b))	<u>\$24,388</u>
2	Indirect Costs (Schedule 2.10(g))	<u>\$28,047</u>
3	Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	<u>\$8,200</u>
4	Subcontract Costs	

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

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)			
ii.)			
iii.)			
A)	Total Cost-Plus-Fixed-Fee Subcontracts		<u>\$0</u>

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

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)	Zebra	MW installation	<u>\$8,856</u>
ii.)	Mitkem	Soil & groundwater analysis	<u>\$23,400</u>
iii.)	Op-Tech	UST removal and disposal	<u>\$16,525</u>
iv)	Bucks Geophysical	Geophysical Investigation	<u>\$5,600</u>
iv)	Environmental Data Validation, Inc (MBE/WBE)	Data Validation	<u>\$6,326</u>
B)	Total Unit Price Subcontracts		<u>\$60,707</u>
5	Subcontract Management Fee		<u>\$2,313</u>
6	Total Subcontract Costs (lines 4A + 4B + 5)		<u>\$63,020</u>
7	Fixed Fee (Schedule 2.10(h))		<u>\$6,082</u>
8	Total Work Assignment Price (1+2+3+6+7)		<u>\$129,737</u>

Engineer/Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Labor Hours
*Av. Salary Rate (\$) (Year: 2009)	56.60	47.59	43.24	37.25	33.23	29.78	25.54	19.98	14.60	
Task 1	7				80	60	60	60		267
Task 2	1.5				24	60	30			115.5
Task 3	1.5					120	50			171.5
Task 4	8				20	120	110	40	10	308
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	18	0	0	0	124	360	250	100	10	862
Total Direct Labor Cost	\$1,019	\$0	\$0	\$0	\$4,121	\$10,721	\$6,385	\$1,998	\$146	\$24,389

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

Engineer/Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03

Date Prepared: 4/30/2009 11:30

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Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Labor Hours
*Av. Salary Rate (\$) (Year: 2010)	58.30	49.02	44.54	38.37	34.23	30.67	26.31	20.58	15.04	
Task 1										0
Task 2										0
Task 3										0
Task 4										0
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	0	0	0	0	0	0	0	0	0	0
Total Direct Labor Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Engineer/Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(b)1
Direct Administrative Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Administrative Labor
Task 1	2				4	2	2			10
Task 2	1					1	2			4
Task 3	1					1	2			4
Task 4	2					2	2	4	1	11
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	6	0	0	0	4	6	8	4	1	29

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

1) Work Plan Budget Development

- Conflict of Interest check
- Budget schedules & Supporting documentation

2) Review work assignment (WA) progress

- Conduct progress reviews
- Prepare monthly progress schedule
- Update WA progress schedule
- Prepare M/WBE Utilization Report

3) Contractor Application for Payment (CAP)

- Oversee and prepare monthly CAP

4) Program Management

- Prepare monthly cost control report
- Cost control report
- Staffing plans
- Manage Subcontracts
- NSPE list update
- Equipment inventory

5) Miscellaneous

- Conduct Health and Safety Reviews
- Work processing and graphic artists
- Report editing

Contract/Project administrations hours would not include:

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

Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-03

SCHEDULE 2.11(c)

Printed: 04/30/09

Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
A) <i>Sample Analysis Rates (In-House Costs Only, for Subcontracts see Schedule 2.10(f) and 2.11 (f))*</i>					
NOT APPLICABLE - Intentionally left blank					
B) <i>Miscellaneous (Travel - Lodging, Meals, Transportation see Schedule 2.10(d) for rates)</i>					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	1	\$15.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	4	\$3.20
12	Mileage	\$0.550	mile	52	\$28.60
13	Parking	\$1.00	Hr	4	\$4.00
Task 1 Total:					\$50.80
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	15	\$225.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	150	\$120.00
5	Cell Phone Usage	\$30.00	Week	2.5	\$75.00
6	Mileage	\$0.550	mile	390	\$214.50
Task 2 Total:					\$634.50
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	15	\$225.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	150	\$120.00
5	Cell Phone Usage	\$30.00	Week	2.5	\$75.00
6	Mileage	\$0.550	mile	390	\$214.50
Task 3 Total:					\$634.50

Engineer/Contract#:
 Project Name:
 Work Assignment No.:

D006132
 Former Ford Manufacturing Company Mill Site
 D006132-03

SCHEDULE 2.11(c)

Printed: 04/30/09

Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
C) Printing/Plotting or Reproduction Costs					
1	Black and White - 8.5 x 11	\$0.03	copy	1000	\$30.00
2	Black and White - 11 x 17	\$0.07	copy		\$0.00
3	Color - 8.5 x 11	\$0.50	copy	10	\$5.00
4	Color - 11 x 17	\$1.00	copy		\$0.00
5	Drawings black & white	\$0.35	per sq ft or approx.		\$0.00
		\$2.40	drawing		\$0.00
6	Color Plots	\$2.25	per sq ft or approx.		\$0.00
		\$13.50	drawing		\$0.00
				Task 1 Total:	\$35.00
1	Black and White - 8.5 x 11	\$0.03	copy	3000	\$90.00
2	Black and White - 11 x 17	\$0.07	copy		\$0.00
3	Color - 8.5 x 11	\$0.50	copy	30	\$15.00
4	Color - 11 x 17	\$1.00	copy		\$0.00
5	Drawings black & white	\$0.35	per sq ft or approx.		\$0.00
		\$2.40	drawing		\$0.00
6	Color Plots	\$2.25	per sq ft or approx.	30	\$67.50
		\$13.50	drawing		\$0.00
				Task 4 Total:	\$172.50
Total Direct Non-Salary Costs					\$1,527.30



Shaw Environmental & Infrastructure, Inc.

BID ANALYSIS WORKSHEET

**BASIS OF AWARD - Refer to PR 018 - PURCHASE ORDER
AWARD JUSTIFICATION FORM, attachment 18.6**

SB AWARD DATA*

Were SBs Solicited? Yes (How Many?) No

If not, why not?

SDBs? Yes (How Many?) No

WOSBs? Yes (How Many?) No

If not, why not?

PASS or PRO-NET search Performed? Yes No

Reason(s) for SB Not Receiving Award if SB was Solicited:

- ☐ a. No Bids Received ☐ e. Not Technically Qualified
☐ b. Financially Unstable ☐ f. Unacceptable Delivery/Schedule
☐ c. Unsubstantiated Proposal ☐ g. Not Lowest, Responsible,
☐ d. Unacceptable to Customer Responsive Offeror

* If award is > \$100K, complete the SB Subcontract Award Worksheet
in lieu of the above box

Client Contract Number: D006

Prepared by: HAF

Date: 4/30/09

Job Number: 134865 0302

Job Name: Former Ford Manufacturing Mill

Materials/Serv. Required on Site by:

Period of Performance: 1 Jul 09

BID TABULATION

Reason(s) for SB Not Receiving Award If SB was Solicited: <input type="checkbox"/> a. No Bids Received <input type="checkbox"/> b. Financially Unstable <input type="checkbox"/> c. Unsubstantiated Proposal <input type="checkbox"/> d. Unacceptable to Customer <input type="checkbox"/> e. Not Technically Qualified <input type="checkbox"/> f. Unacceptable Delivery/Schedule <input type="checkbox"/> g. Not Lowest, Responsible, Responsive Offeror * If award is > \$100K, complete the SB Subcontract Award Worksheet in lieu of the above box			BUSINESS SIZE		1		2		3		4	
			VENDOR		Hertz		Abele		Anderson			
			QUOTE NO.									
			DATE		4/16/2009		4/27/2009		4/27/2009			
			F.O.B./F.O.S.									
			TERMS									
			QUOTE DELIVERY TIME OR PERIOD OF PERFORMANCE		2009							
DESCRIPTION OF SUPPLIES/SVS.			UNIT OF MEASURE	NUMBER OF UNITS	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
1	160 Excavator		Week	1	\$1,800.00	\$1,800.00	\$1,267.00	\$1,267.00	\$1,540.00	\$1,540.00		\$0.00
2	Transportation to and from Waterford		LS	1	\$300.00	\$300.00	\$250.00	\$250.00	\$575.00	\$575.00		\$0.00
3	Environmental Recovery Fee		LS	1	\$3.50	\$3.50	Included	\$0.00	Included	\$0.00		\$0.00
4	Fuel Delivery Surcharge		LS	1	\$15.00	\$15.00	Included	\$0.00	Included	\$0.00		\$0.00
5	Diesel Fuel		Gal	100	\$0.00	\$0.00	\$5.00	\$500.00	\$5.00	\$500.00		\$0.00
6	Diesel Fuel		Gal	50	\$5.00	\$250.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
7						\$0.00		\$0.00		\$0.00		\$0.00
8						\$0.00		\$0.00		\$0.00		\$0.00
9						\$0.00		\$0.00		\$0.00		\$0.00
10						\$0.00		\$0.00		\$0.00		\$0.00
11						\$0.00		\$0.00		\$0.00		\$0.00
Notes:			SUBTOTAL			\$2,368.50		\$2,017.00		\$2,615.00		\$0.00
			TAX		8.00%	\$189.48	8.00%	\$161.36	8.00%	\$209.20		\$0.00
			FREIGHT			\$0.00		\$0.00		\$0.00		\$0.00
			TOTAL			\$2,557.98		\$2,178.36		\$2,824.20		\$0.00



RENTAL QUOTE

HERTZ EQUIPMENT RENTAL CORPORATION

Office: 518-783-4598
 Fax: (866) 229-1305
 Cell: 518-878-6937
 Email: stheiss@hertz.com

Branch #: 9139

Sales Rep: STEVE THEISS

Date: 4/16/2009

Customer Information

Name: **SHAW ENVIRONMENTAL**
 Contact: DAVE STOLL
 Address: 13 British American Blvd
 City, State: Latham, NY
 Zip: 12110
 Phone: 783-1996
 Fax:

Job Site Information

Name: **NYSDEC Ford MFG**
 Contact:
 Address:
 City, State: WATERFORD, NY
 Zip:
 Phone:
 Fax:

Qty	Description	Rental Rates			Rental Term	Estimated Total
		Day	Week	4 Week		
1	DEERE 160 EXCAVATOR		1,800.00	4,500.00	1 W	1,800.00
1	FUEL DELIVERY SURCHARGE	15.00			1 D	15.00

Rental Quote is valid through: 05/31/09

Sub Total	1,815.00
Transportation Charges	300.00
Loss Damage Waiver	N Declined
Environmental Recovery Fee	3.50
Estimated Taxes	8.00% 169.48
Estimated Total	\$2,287.98

Comments :

TRANSPORTATION INCLUDES DELIVERY AND PICKUP UNIT DELIVERED FULL OF FUEL, REFUELING CHARGES \$7.50 PER GALLON

This price quote is for information purposes only and does not constitute an offer to rent or sell goods or equipment. All rentals or sales shall be subject to the terms and conditions of Hertz's Rental Contract or Sales Invoice.

THANK YOU FOR CHOOSING HERTZ EQUIPMENT RENTAL

Fariello, Heather

From: Stoll, Dave
Sent: Monday, April 27, 2009 2:42 PM
To: Fariello, Heather
Subject: FW: kobelco sk160 quote

Excavator Rental quote-Abele Equipment, Albany, NY

From: Eric Muellecker [mailto:EricM@abeletractor.com]
Sent: Monday, April 27, 2009 2:40 PM
To: Stoll, Dave
Subject: kobelco sk160 quote

Dave, the rental rate for you on a Kobelco SK160 excavator is \$1267.00 per week. \$3800.00 per mo.
Del to Waterford, \$125.00 pick up \$125.00
Any other questions please call 518-438-4444 or just email me back

4/29/2009

RENTAL QUOTE

SERVING YOUR EQUIPMENT NEEDS
FROM 14 LOCATIONS IN PA, WV AND NY

CORPORATE OFFICE:

PO Box 330
Bridgeville, PA 15017 412-343-2300

www.andersonequip.com

AFFILIATE LOCATIONS:

Albany, NY	518-785-4500	Cambridge Springs, PA	814-386-8819
Buffalo, NY	716-877-1992	Clatsop, PA	814-226-4100
Endicott, NY	607-749-3400	Clearfield, PA	814-785-5311
Olean, NY	716-372-8822	Somerset, PA	814-443-2867
Rochester, NY	585-334-8770	Charleston, WV	304-766-2800
Syracuse, NY	315-463-8673	Fairmont, WV	304-368-3075
Watertown, NY	315-788-5512		

Cust No.	Quote No.	Quote Date	Branch	Caller	Caller Phone
73089	122196	04/27/09	ALBANY, NY	DAVE STOLL	518 783-1996

B SHAW ENVIRONMENTAL &
I INFRASTRUCTURE INC.
L ATTN: ACCOUNTS PAYABLE
T PO BOX 98519
O BATON ROUGE, LA 70884-9519

S WATERFORD, N.Y.
H 2nd ST.
I
P
T
O

Quoted by:	JOHN GRIFFIN	Salesperson Code:	084	Salesperson Name:	STEVEN KENNEY
Line	Item Description			U/M	Unit Price

0001	KOMATSU-PC160	WEEKLY	1,540.00
0002			
0003	ESCO BUCKETS-BUCKETS	4 WEEK	0.00
0004			
0005	TRANSPORTATION:		
0006	DELIVERY---\$287.50 (2.5 hrs. @ \$115.00)		
	RETURN---\$287.50		
0007	E-MAIL ADDRESS: dave.stoll@shawgrp.com		

THIS IS NOT AN INVOICE

This quote is good for 30 days from above quote date. The terms of this agreement will not be binding until accepted in writing by a duly appointed manager of Anderson Equipment Company. Quoted prices are only for items listed above and do not include miscellaneous charges such as freight unless otherwise noted. Anderson Equipment Company can arrange shipping for an additional fee. This quote is subject to Anderson Equipment Company's current Rental Terms and Conditions which can be furnished upon request. Applicable Sales Tax will be added unless an Exemption Certificate is furnished.

THANK YOU

Engineer/Contract#: D006132
Project Name: Former Ford Manufacturing Company Mill Site
Work Assignment No. D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(d)1

Equipment Purchased Under the Contract

Item	Est. Purchased Price (\$)	O&M Rate* (\$/month)	Term of Usage (Months)	Est. Usage Costs (\$) (Col 2 + [3x4])
-------------	--------------------------------------	-------------------------------------	-----------------------------------	--

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TOTAL \$0.00

* The O&M rate is reimbursable only while the equipment is in the custody of the Engineer.

Engineer/Contract#: D006132
Project Name: Former Ford Manufacturing Company Mill Site
Work Assignment No. D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(d)2

Maximum Reimbursement Rate for Consultant Owned Equipment

Item	Purchased Price (\$) x 85%	Usage Rate* (\$/Unit of Time)	Capital Recovery ** Rate (\$/Unit of Time)	O&M Rate (\$/Unit of Time)	Est. Usage (Unit of Time)	Est. Usage Costs (\$) (Col 3 x 6)
------	----------------------------	-------------------------------	--	----------------------------	---------------------------	-----------------------------------

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TOTAL \$0.00

* Usage Rate = Capital Recovery Rate + O&M Rate

*The maximum usage rate for an item of equipment reverts to the O&M rate when the total capital recovery reimbursement rate exceed 85% of the purchase price.

**The Capital Recovery Rate is the equipment's depreciation for the useful life of the item

Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(d) 3

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement	Units	Est. Usage (units of Time)	Est. Rental Cost (\$) (Col 2 x3)
MiniRae 2000	75	day		\$0.00
MiniRae 2000	200	week	2	\$400.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week	2	\$380.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week	0	\$0.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week	0	\$0.00
Trimble Unit	200	day	1	\$200.00
Hertz Truck	400	LS	1	\$400.00
Excavator	2178.36	LS	1	\$2,178.36
Task 2 Total:				\$3,558.36
MiniRae 2000	75	day		\$0.00
MiniRae 2000	200	week	1	\$200.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week	1	\$190.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week	2	\$600.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week	2	\$280.00
Peristaltic Pump	75	week	2	\$150.00
Trimble Unit	200	day	1	\$200.00
Hertz Truck	400	LS	1	\$400.00
Task 3 Total:				\$2,020.00
TOTAL:				\$5,578.36

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

Engineer/Contract#: D006132 Date Prepared: 4/30/2009 11:30
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Units	Unit Cost (\$)	Total Budgeted Cost (Col 2 x3) (\$)
Gloves	2	box	15	\$30.00
Teflon Tubing	0	ft	3	\$0.00
Misc	1	ea	100	\$100.00
Task 2 Total:				\$130.00
Gloves	3	box	15	\$45.00
Tubing	240	ft	3	\$720.00
Misc	2	ea	100	\$200.00
Task 3 Total:				\$965.00
TOTAL				<u>\$1,095.00</u>

Engineer/Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(e)

Cost-Plus -Fixed Fee Subcontracts

Name of Subcontractor		Services to be Performed		Subcontract Price	
A) Direct Salary Costs					
Professional	Labor	Ave. Reimbursement	Max Reimbursement	Est. Number of	Total Est. (Direct Salary Cost
Responsibility Level	Classification	Rate (\$/Hr.)	Rate (\$/Hr.)	Hours	Ave Reim. Rate x Est # Hrs)

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Total Direct Salary Cost \$0.00

- 1) The labor rate averages and maximum 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 2.1-0(a) 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 or work assignment activities that are under the jurisdiction of the Schedule of Prevailing Wage Rates set by the New York State Department of Labor.

B) Indirect Costs

Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum of 115% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Max Reimbursement Rate (Specify Unit)	Est. Number of Units	Total Est. Cost
------	---------------------------------------	----------------------	-----------------

- 1) Travel Schedule 2.10(d) for rates
- 2) Supplies

Total Direct Non-Salary Costs

D) Fixed Fee

** The fixed fee is: 11.6%

Engineer/Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
-----------------------	--------------------------	-------------------	----------------

Zebra	Geoprobe holes	\$8,856.00	\$0.00
-------	----------------	------------	--------

Max. Reimbursement Rate				
Item	(\$)*	Units	Est. No. of Units	Total Est. Cost
Mobilization	\$200.00	ls	1	\$200.00
Daily Rate with 2 man crew (8 hrs)	\$1,375.00	day	4	\$5,500.00
Macro core probe sampling/ MW Installation to 25 25 ft	\$322.00	each	8	\$2,576.00
6" Curb Box	\$60.00	each	6	\$360.00
55-gallon drums	\$55.00	each	4	\$220.00
Task 3 Total:				\$8,856.00

Subcontract Total: \$8,856.00

Subcontract Management Fee: \$0.00

TOTAL: \$8,856.00

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

Subcontract Certification

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

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at: <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. (Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors, the COI certification must be submitted to the project manager upon activation.)
4. For subcontracts in excess (or anticipated to be) of \$10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of \$10,000 the subconsultant submitted an acceptable New York State Vendor Responsibility Questionnaire. (Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>.)
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises/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) is included as appropriate.
9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Randa Stoll 4/22/09
Signature of Contractor's Authorized Representative Date
SHAW ENVIRONMENTAL & INDUSTRIAL ENGINEERING D001632-03
Contractor Name OF NEW YORK, P.C. Contract No. WA No.
ZEBRA ENVIRONMENTAL CORP.
Subcontractor Name 3/2/07



Shaw Environmental & Infrastructure, Inc.

BID ANALYSIS WORKSHEET

**BASIS OF AWARD - Refer to PR 018 - PURCHASE ORDER
AWARD JUSTIFICATION FORM, attachment 18.6**

SB AWARD DATA*

Were SBs Solicited? Yes ___ (How Many? ___) No ___

If not, why not?

SDBs? Yes ___ (How Many? ___) No ___

WOSBs? Yes ___ (How Many? ___) No ___

If not, why not?

PASS or PRO-NET search Performed? Yes ___ No ___

Reason(s) for SB Not Receiving Award if SB was Solicited:

- ☐ a. No Bids Received ☐ e. Not Technically Qualified
☐ b. Financially Unstable ☐ f. Unacceptable Delivery/Schedule
☐ c. Unsubstantiated Proposal ☐ g. Not Lowest, Responsible,
☐ d. Unacceptable to Customer Responsive Offeror

* If award is > \$100K, complete the SB Subcontract Award Worksheet
in lieu of the above box

Client Contract Number: D006132

Prepared by: HAF

Date: 4/20/2009

Job Number: 134865 0302

Job Name: Former Ford Manufacturing Mill

Materials/Serv. Required on Site by:

Period of Performance: 2009

BID TABULATION

Reason(s) for SB Not Receiving Award if SB was Solicited:				1		2		3		4	
<input type="checkbox"/> a. No Bids Received <input type="checkbox"/> b. Financially Unstable <input type="checkbox"/> c. Unsubstantiated Proposal <input type="checkbox"/> d. Unacceptable to Customer <input type="checkbox"/> e. Not Technically Qualified <input type="checkbox"/> f. Unacceptable Delivery/Schedule <input type="checkbox"/> g. Not Lowest, Responsible, Responsive Offeror * If award is > \$100K, complete the SB Subcontract Award Worksheet in lieu ofm the above box		BUSINESS SIZE		Small							
		VENDOR		Aztech Technologies		Parratt-Wolff		Zebra			
		QUOTE NO.		3/26/1900		09112		GP15657			
		DATE		3/20/2009		3/19/2009		3/20/2009			
		F.O.B./F.O.S.		WBE							
		TERMS									
QUOTE DELIVERY TIME OR PERIOD OF PERFORMANCE		2009									
DESCRIPTION OF SUPPLIES/SVS.		UNIT OF MEASURE	NUMBER OF UNITS	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
1 Second man to help on rig and hand clear to 5'		day	4	\$360.00	\$1,440.00	\$200.00	\$800.00	Included	\$0.00		\$0.00
2 Mobe/Demob - Geoprobe		ls	1	\$650.00	\$650.00	\$600.00	\$600.00	\$200.00	\$200.00		\$0.00
3 Daily Rate with 2 man crew (8hrs)		day	4	\$1,050.00	\$4,200.00	\$1,500.00	\$6,000.00	\$1,375.00	\$5,500.00		\$0.00
4 Macro core probe soil sampling/MW Installation		LS	1	\$2,700.00	\$2,700.00	\$2,600.00	\$2,600.00	\$2,576.00	\$2,576.00		\$0.00
5 6" Curb Box		each	6	\$135.00	\$810.00	\$75.00	\$450.00	\$60.00	\$360.00		\$0.00
6 55-gallon drums		ea	4	\$56.00	\$224.00	\$60.00	\$240.00	\$55.00	\$220.00		\$0.00
Notes:			SUBTOTAL		\$10,024.00		\$10,690.00		\$8,856.00		\$0.00
			TAX	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00
			FREIGHT		\$0.00		\$0.00		\$0.00		\$0.00
			TOTAL		\$10,024.00		\$10,690.00		\$8,856.00		\$0.00



EXPERTISE YOU CAN COUNT ON

5 McCrea Hill Road Phone: (518) 885-5383
 Ballston Spa Fax: (518) 885-5385
 New York 12020 www.aztechtech.com

Estimate

DATE	ESTIMATE #
3/25/2009	86

A WOMAN OWNED BUSINESS: NYS WBE #49360

NAME / ADDRESS
Shaw Environmental and Infrastructure 13 British American Blvd. Latham, NY 12110 (518) 783-1996 Dave.Stoll@shawgrp.com

PROJECT LOCATION
Waterford Saratoga County, NY

TERMS	PROJECT
Due upon receipt	

DESCRIPTION	QTY	COST	TOTAL
DESCRIPTION OF WORK - TASK 1 Install eight (8) temporary monitoring wells to a maximum depth of twenty-five (25) feet using Geoprobe direct push techniques. At each boring one (1) sample will be taken at a depth of five (5) feet and then again at five (5) foot intervals between fifteen (15) feet and twenty-five (25) feet. Totalling four (4) samples per location. Each well will be constructed using ten (10) foot of screen - 20-slot schedule 40 PVC. Well is not to be completed at this time. PVC will be left above ground. Per client, decontamination is not required.			0.00
Mobilization and demobilization - Geoprobe and crew	1	665.00	665.00
TECHNICIAN ASSISTANT/LABORER - Hand clearing of boring locations	8	45.00	360.00
Probe/Drill Rig Daily Rate with 2 man crew - 8 hrs	5	1,050.00	5,250.00
Direct Push Expendables-per foot charge	200	1.50	300.00
Install eight (8) monitoring wells to a depth of twenty-five (25')	200	12.00	2,400.00
Reconditioned 55 Gallon Open Head Drum Unlined	4	55.9975	223.99
Dig Safely New York to be contacted by Aztech Technologies for clearance of utilities located in the right of way or leading up to site. The Client is responsible for clearance / location of private underground utilities located on the subject property.			0.00
This is a cost ESTIMATE. All efforts have been made to be as precise as possible. Cost estimate is based on the information available at the time. Additional costs due to unforeseen events (i.e. difficult drilling, site accessibility, etc.) will be reflected on the final invoice. Verbal approval for change-orders will be negotiated before commencing with additional work.			0.00
The above pricing is valid for 45 days.			TOTAL

**EXPERTISE YOU CAN COUNT ON**

5 McCrea Hill Road Phone: (518) 885-5383
Ballston Spa Fax: (518) 885-5385
New York 12020 www.aztechtech.com

Estimate

DATE	ESTIMATE #
3/25/2009	86

A WOMAN OWNED BUSINESS: NYS WBE #49360

NAME / ADDRESS
Shaw Environmental and infrastructure 13 British American Blvd. Latham, NY 12110 (518) 783-1996 Dave.Stoll@shawgrp.com

PROJECT LOCATION
Waterford Saratoga County, NY

TERMS	PROJECT
Due upon receipt	

DESCRIPTION	QTY	COST	TOTAL
This estimates assume rig accessibility, i.e. no parked cars, snow pile, etc... This estimate does not include any State, Local or city sales tax. Saratoga sales tax \$657.40 Tax Exempt		0.00%	0.00
The above pricing is valid for 45 days.		TOTAL	\$9,198.99

PARA H WOLFF
Waterford
Price Estimate

Request for Quote - NYSDEC Site Investigation
Waterford, New York
March 19, 2009
Proposal No. 09112

Item No.	Quantity	U/M	Item or Service	Unit cost	Unit Total
1	4	Day	Direct push rig with operator	\$ 1,500.00	\$ 6,000.00
2		each	Groundwater sample points	\$ 50.00	\$ -
3		each	Soil vapor sample points	\$ 75.00	\$ -

	1	lump sum	Mobilization and Demobilization	\$ 600.00	\$ 600.00
	4	day	Second man to help on rig and to hand clear to 5' prior to drilling	\$ 300.00	\$ 1,200.00
	200	linear feet	2" diameter PVC well installed	\$ 12.00	\$ 2,400.00
	8	each	2" diameter J-plugs and locks	\$ 25.00	\$ 200.00
	1	lump sum	Pull and grout eight wells	\$ 1,500.00	\$ 1,500.00
	10	each	55-gallon drums filled and staged onsite	\$ 60.00	\$ 600.00

Estimated total \$ 12,500.00

Note: Prices are based on using a geoprobe model 66 or equivalent

ZEBRA

Shaw Environmental, Inc.
13 British American Blvd.
Latham, NY 12110

March 20, 2009

Attention: Mr. Dave Stoll

RE: Proposal for Geoprobe Sampling & Installation Services
Waterford, New York
ZEBRA Proposal #: GP15657

Dear Mr. Stoll:

ZEBRA Environmental is pleased to submit the following proposal for the collection of soil samples and the installation of groundwater monitoring points at the above-referenced site located in Waterford, New York.

SCOPE OF WORK: ZEBRA understands the scope of work to include the collection of continuous soil samples to an approximate depth of 25' below grade at eight (8) locations to be identified by Shaw Environmental, Inc.'s on-site representative. All sampling locations will be hand-cleared to 5' below grade prior to probing.

Additionally, the ZEBRA probe crew will be prepared to install and develop groundwater monitoring points at each of the sampling locations.

ZEBRA will mobilize a fully equipped 6620DT or 7720DT-mounted Geoprobe unit to the job site with an Operator and Technician to work in a coordinated fashion with a representative from Shaw Environmental, Inc. ZEBRA operates a fleet of twenty (20) plus Geoprobe units including ATV's, Tracks, Remotes, five (5) 6600 series units and two (2) NEW 7720 track units. ZEBRA will mobilize the equipment best suited to the project requirements. Please note that specialized probe equipment is not available at each ZEBRA location. An additional mobilization charge may be necessary if a particular probe unit is required.

ZEBRA's vehicle mounted probe units are equipped with rotary concrete drill bits capable of cutting through between 4" of standard sidewalk/flooring pavement. If reinforced concrete or pavement greater than 4" in thickness is anticipated, a concrete core drill should be brought to the site.

To collect soil samples, either a Macro Core (MC) sampler or a Closed Piston Macro Core (CPMC) drive point sampler will be used. The MC samplers are open tube design and measure approximately 2" in diameter by 60" long. The samplers are fitted with a removable cutting shoe

and clear acetate liner. Samples can be collected from 0' to 5', 5' to 10', 10 to 15' below grade and possibly deeper depending on subsurface conditions. If probe hole "cave-in" is significant at the lower depths, it may be necessary to use the CPMC assembly that fits into the MC cutting shoe. CPMC drive point samplers can be used to collect soil samples at points where subsurface conditions prevent the use of MC open samplers or where continuous sampling is not necessary. The CPMC samplers can be driven closed to a desired sampling depth. In order to collect samples with the CPMC drive point sampler, it is first driven to the desired sampling depth and then opened and driven five (5) feet further. The CPMC sampler remains completely closed while it is being driven to depth and is opened by releasing a stop pin from the surface. Releasing the stop pin allows a piston to retract inside the sample tube as the soil core is displacing it. Each of the samplers used will be fitted with a new acetate liner prior to use. The acetate liner assists in the removal of the soil sample from the tube and helps insure sample integrity.

ZEBRA will install groundwater monitoring points at each location to a depth of 25' below grade. ZEBRA will utilize 3.25" diameter drive casing to install the points. Each monitoring point will be constructed of 2" diameter schedule 40 PVC and will be fitted with 10' of .010" slotted screen. The monitoring point will be extended to the surface and left as a temporary PVC stickup.

ZEBRA may return to the site in the future to finish the points with flush mount well boxes or abandon the installations.

ZEBRA will rely on Shaw Environmental, Inc. to provide sample containers and any on-site sample screening equipment unless other arrangements are made prior to project commencement.

All sampling tools will be decontaminated with Alconox and water between probe holes.

UTILITY CLEARANCE/MARK OUTS: Shaw Environmental, Inc. or the property owner must verify the location of all underground utilities and structures in the work area. ZEBRA cannot be responsible for the repair or replacement of any underground utility or structure damaged during work under Shaw Environmental, Inc.'s direction. ZEBRA's lead operator will ask Shaw Environmental, Inc.'s on-site representative to sign a form stating that all the necessary steps have been taken by Shaw Environmental, Inc. to locate and mark all underground utilities and structures prior to beginning any subsurface work.

ANTICIPATED CONTAMINANT LEVELS: It is our understanding that Shaw Environmental, Inc. agrees to provide ZEBRA with all available information regarding potential Health and Safety issues, including anticipated contaminant levels and exposure pathways, so that appropriate measures can be implemented to manage risks. In the event unanticipated conditions are present during the performance of ZEBRA's activities, the lead operator will notify Shaw Environmental, Inc. and the ZEBRA client representative so that the scope of work can be modified to accommodate risk reduction.

COST ESTIMATE:

ZEBRA will provide a fully equipped 6620DT or 7720DT Geoprobe unit with an Operator and Technician at the following rates:

6620DT/7720DT Geoprobe w/Two Man Crew \$2,750.00

Estimate two (2) days @ \$1,375./day.

NOTE: This daily rate includes up to 8 hours on site. Should it become necessary to continue working on site beyond 8 hours, an additional charge of \$300./hour will apply.

Soil Sample Charge \$256.00

Estimate eight (8) 25 foot borings @ \$32./each.

Monitoring Point Materials (2" PVC) \$2,000.00

Estimate eight (8) points @ \$250./each.

Well Development \$320.00

Estimate eight (8) wells developed @ \$40./each.

Drums \$110.00

Estimate two drums (2) @ \$55./each.

Mobilization/Demobilization 200.00

Total Estimated Project Cost = \$5,636.00

Optional Tasks

Well Box Installation As Requested

Installation of eight (8) wells boxes @ \$185./box.

Monitoring Point Abandonment As Requested

Abandonment of eight (8) points @ \$135./point.

* Please note that this cost estimate does not include state or local taxes, if applicable.

March 20, 2009

PROPOSAL TERMS/ACCEPTANCE:

The unit prices listed above are firm for 30 days. ZEBRA Environmental's payment terms are NET 15 days, interest charges of 1.5% per month (18% per year) will accrue on all past due amounts. On unpaid amounts, interest and all expenses of collections including a reasonable attorney fee will be charged. This estimate is based upon the information available and our experience with projects of a similar nature. This proposal makes no provision for Federal, State, or local taxes, if applicable.

Prior to scheduling a project, ZEBRA must receive written acceptance of our proposal, unit pricing, and payment terms. To accept this proposal, please sign below and forward a copy to our office.

ZEBRA Environmental appreciates the opportunity to submit this proposal and looks forward to completing this project with Shaw Environmental, Inc. If you have any questions concerning this proposal, please do not hesitate to call us.

Sincerely,

Accepted by: Shaw Environmental, Inc.



Matthew G. Ednie
ZEBRA Environmental Corp.

MGE/bb

Signature

Date

Printed Name & Title

cc: Paul Fleischmann, ZEBRA-Lynbrook, NY

Purchase Order/Work Authorization #
ZGP15657.MGE.bb



Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Milkem	Soil and GW Analysis	\$23,400.00	\$1,170.00

Max. Reimbursement Rate				
Item	(\$)*	Units	Est. No. of Units	Total Est. Cost
Soil - TCL VOCs	\$70.00	each	24	\$1,680.00
Soil -TCL SVOCs	\$165.00	each	24	\$3,960.00
Soil - TAL Metals (no CN)	\$75.00	each	24	\$1,800.00
Soil - TAL Mercury	\$13.00	each	24	\$312.00
Soil - TAL CN	\$20.00	each	24	\$480.00
Soil - TCL Pesticides/PCBs	\$125.00	each	24	\$3,000.00
Task 2 Total:				\$11,232.00
Soil - TCL VOCs	\$70.00	each	13	\$910.00
Soil -TCL SVOCs	\$165.00	each	13	\$2,145.00
Soil - TAL Metals (no CN)	\$75.00	each	13	\$975.00
Soil - TAL Mercury	\$13.00	each	13	\$169.00
Soil - TAL CN	\$20.00	each	13	\$260.00
Soil - TCL Pesticides/PCBs	\$125.00	each	13	\$1,625.00
GW - TCL VOCs	\$70.00	each	13	\$910.00
GW -TCL SVOCs	\$165.00	each	13	\$2,145.00
GW - TAL Metals (no CN)	\$75.00	each	13	\$975.00
GW- TAL Mercury	\$13.00	each	13	\$169.00
GW - TAL CN	\$20.00	each	13	\$260.00
GW - TCL Pesticides/PCBs	\$125.00	each	13	\$1,625.00
Task 3 Total:				\$12,168.00
Subcontract Total:				\$23,400.00
Subcontract Management Fee:				\$1,170.00
TOTAL:				\$24,570.00

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

Subcontract Certification

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

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at: <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. (Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors, the COI certification must be submitted to the project manager upon activation.)
4. For subcontracts in excess (or anticipated to be) of \$10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of \$10,000 the subconsultant submitted an acceptable New York State Vendor Responsibility Questionnaire. (Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>).
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises/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) is included as appropriate.
9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Nand Stoll 4/9/09
Signature of Contractor's Authorized Representative Date
STAN ENVIRONMENTAL & INFRASTRUCTURE OF NY/PA. D006132-3
Contractor Name Contract No. WA No.
MITKEM LABORATORIES
Subcontractor Name 3/2/07

Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
OpTech	UST Removal		\$0.00

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Excavator and Crew/Operator (including mob/demob) assume 2 days	\$5,400.00	each	1	\$5,400.00
Daily use of Vac Truck	\$800.00	day	1	\$800.00
Cleaning & disposal of 20,000-gal UST	\$2,000.00	LS	1	\$2,000.00
Backfill - bank run gravel, delivered	\$9.50	ton	250	\$2,375.00
Transportation/disposal of Petroleum-Contaminated Soil	\$42.00	ton	100	\$4,200.00
Transportation/disposal of tank liquids	\$0.55	gal	1000	\$550.00
Additional per day charge for excavation & operator	\$1,200.00	day	1	\$1,200.00

Task 2 Total: \$16,525.00

Subcontract Total: \$16,525.00

Subcontract Management Fee: \$826.25

TOTAL: \$17,351.25



BID ANALYSIS WORKSHEET

**BASIS OF AWARD - Refer to PR 018 - PURCHASE ORDER
AWARD JUSTIFICATION FORM, attachment 18.6**

SB AWARD DATA*

Were SBs Solicited? Yes____(How Many?____) No____

If not, why not? _____

SDBs? Yes____(How Many?____) No____

WOSBs? Yes____(How Many?____) No_____

If not, why not? _____

PASS or PRO-NET search Performed? Yes___ No___

Reason(s) for SB Not Receiving Award if SB was Solicited:

- ☐ a. No Bids Received
- ☐ b. Financially Unstable
- ☐ c. Unsubstantiated Proposal
- ☐ d. Unacceptable to Customer
- ☐ e. Not Technically Qualified
- ☐ f. Unacceptable Delivery/Schedule
- ☐ g. Not Lowest, Responsible,
Responsive Offeror

* If award is > \$100K, complete the SB Subcontract Award Worksheet in lieu of the above box

DESCRIPTION OF SUPPLIES/SVS.

DESCRIPTION OF SUPPLIES/SVS.		UNIT OF MEASURE	NUMBER OF UNITS	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
1	Excavator and Crew/Operator (including mobe/demobe) - assume 2 days	each	1	\$4,640.00	\$4,640.00	\$5,400.00	\$5,400.00	\$5,100.00	\$5,100.00		\$0.00
2	Daily Use of Vac Truck	day	1	\$840.00	\$840.00	\$800.00	\$800.00	\$880.00	\$880.00		\$0.00
3	Cleaning & dispoal of 20,000-gal UST	ls	1	\$5,130.00	\$5,130.00	\$2,000.00	\$2,000.00	\$6,570.00	\$6,570.00		\$0.00
4	Backfill - Bank Run gravel, Delivered	ton	250	\$8.95	\$2,237.50	\$9.50	\$2,375.00	\$34.00	\$8,500.00		\$0.00
5	Transportation/Disposal of Petroleum-Contaminated Soil (assumes 100 tons)	ton	100	\$42.95	\$4,295.00	\$42.00	\$4,200.00	\$120.00	\$12,000.00		\$0.00
6	Transportation/Disposal of Tank Liquids	gal	1000	\$0.85	\$850.00	\$0.55	\$550.00	\$0.60	\$600.00		\$0.00
7	Additional per day charge for excavation & operator	day	1	\$1,449.00	\$1,449.00	\$1,200.00	\$1,200.00	\$3,100.00	\$3,100.00		\$0.00
8					\$0.00		\$0.00		\$0.00		\$0.00
9					\$0.00		\$0.00		\$0.00		\$0.00
10					\$0.00		\$0.00		\$0.00		\$0.00
11					\$0.00		\$0.00		\$0.00		\$0.00
Notes:			SUBTOTAL		\$19,441.50		\$16,525.00		\$36,750.00		\$0.00
			TAX	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00
			FREIGHT		\$0.00		\$0.00		\$0.00		\$0.00
			TOTAL		\$19,441.50		\$16,525.00		\$36,750.00		\$0.00

Itemized Cost Estimate
Shaw Environmental Project-Waterford, New York

Excavator and Crew/Operator (including mobe)-assume 2 days \$ 5,100

Daily use-vacuum truck \$ 880 for an 8 hour day (\$110/HR portal-to-portal inc. round trip to facility)

Cleaning and Disposal, 20,000 gallon UST- \$ 6,570 (include certificate of disposal back to Shaw)

Backfill/ton (must be certified "clean") including transportation to site \$ 34/TN in place (applies to all imported backfill)

Soil Disposal (Assume 100 tons) \$ 12,000 (includes stockpiling onsite) Facility: Clean Earth

Disposal/gallon of liquid \$ 0.60 (assumes #2 fuel oil/diesel and water mixture) Facility: EWT

Additional per day charge for excavator and operator \$ 3,100 (also applies to loader and operator)

Notes

- Assumes less than 20' of pipe to be removed.
- Price includes prevailing wages. Permits are excluded.
- All professional environmental work is the responsibility of Shaw.
- Private locator service, shoring, groundwater control, removal of concrete slab or vault and site restoration, if required, will be additional.

Signature: Mark Giaconia

Company: Tyree Services

Date: 3/19/09

**OP-TECH**

150 Rotterdam Industrial Park

Schenectady, NY 12306

Phone: 518.355.0197

Fax: 518.355.3256

www.op-tech.us

24-Hour Emergency Response: 1.800.225.6750

Branch Offices (Phone Number)

* Syracuse, NY	315.463.1643
* Albany, NY	518.355.0197
* Buffalo, NY	716.873.7680
* Rochester, NY	585.272.1151
* Massena, NY	315.764.1917
* Plattsburgh, NY	518.561.8368
* Waverly, NY	607.565.8891
* 360 Facility-Waverly, NY	607.565.8892
* Edison, NJ	732.650.0080
* Cleveland, OH	216.635.0835

Services

- * Industrial Cleaning
- * 24 Hour Spill Response
- * Vacuum Truck Services
- * Drum Management
- * Plant Decommissioning
- * Waste Transportation and Disposal
- * Mold & Lead Remediation
- * Lab Packs
- * Subsurface & Above Ground Tank Services

Please contact Tom Madison, Senior Sales Manager, at 518.355.0197 if you would like to learn more about our services, or visit www.op-tech.us.

TO:

David Stoll

FROM:

Steve Kenny

COMPANY:

Shaw Group

DATE:

3/19/09

FAX #:

518-783-8397

RE:

Waterford Bid

Total pages sent including cover:

4

Message:

Please call w/ any questions.thanksSteve

The information in this facsimile and the accompanying pages is intended solely for the addressee(s) named above. If you are not an addressee, or responsible for delivering these documents to an addressee, you have received these documents in error and you are strictly prohibited from reading or disclosing it. The information contained in these documents is highly confidential and may be subject to legally enforceable privileges. Unless you are an addressee, or associated with an addressee for delivery purposes, you may violate these privileges and subject yourself to liability if you do anything with these documents or the information it contains other than calling us immediately at the number listed above and returning these documents to us at once.



150 Rotterdam Industrial Park
Schenectady, NY 12306
P: (518) 355-0197
F: (518) 355-3266
www.op-tech.us

March 9, 2009
(Revised March 19, 2009)

Shaw Environmental, Inc.
200 Horizon Center Blvd.
Trenton, NJ 08691
Attn: Mr. David Stoll

Re: Tank Removal/Excavation of Contaminated Soil Proposal
NYSDEC Jobsite
121-125 2nd Street, Waterford, N.Y.

Dear Mr. Stoll:

Pursuant to your request, OP-TECH Environmental Services, Inc. (OP-TECH) is pleased to present this proposal to Shaw for removal of a 20,000-gallon underground storage tank (UST) at the above referenced site. The following shall serve to detail the proposed scope, assumptions, exclusions and estimated costs of the project based on the information provided in Shaw's RFP.

Scope of Services

Mobilization Activities

- Coordinate with Shaw and Others for site access and logistics.
- Mobilize personnel as well as sufficient, equipment and materials to perform the scope of work as qualified below.

Task 1: Evacuation of Tank Contents

- Expose top of 20,000-gallon Fuel Oil UST for access to tank contents
- Evacuate #2 Fuel Oil from tank and transport to licensed disposal facility

Task 2: Removal/Disposal of UST/Excavation of Contaminated Soil

- Remove UST, clean, and transport for off-site disposal
- Excavate approximately 100 tons of contaminated soil
- Backfill excavation with bank run gravel
- Compaction with excavator bucket only
- Samples to be collected by others

20,000 Gallon UST Removal
Waterford, New York

March 9, 2009

Assumptions/Exclusions

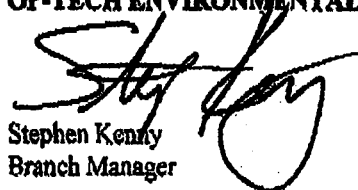
- OP-TECH will have free and ready access to the work site and a staging area for the equipment and materials.
- The customer and OP-TECH agree to the attached General Terms and Conditions.
- This proposal is exclusive of New York State sales tax. An 8% tax will be applied to the final invoice should a tax-exempt certificate not be provided to OP-TECH.
- This proposal does not include restoration or compaction other than with excavator bucket.
- This proposal is valid for a period of thirty (30) days.
- Based on age of oil, recovery and reuse is not a option and disposal will be a per gallon price to dispose of at licensed facility.
- The scrap value of the tank is offset by the cost to transport the tank to a scrap yard so there will be no credit, but no charge for transportation of the tank off-site.
- Estimated volumes based on 1.5 tons/cubic yard (yd³).
- Pre-characterization of waste to be performed by others.
- Daily rates are based on an 8 hour work day.
- Anticipates no concrete pad over tank to be demolished and no anchors holding down tank.

Estimated Costs:

Based on OP-TECH's understanding of the project, the information provided by Shaw in the RFP dated 3/5/09, OP-TECH shall perform the above scope of work consistent with the cost estimate defined below:

Item #	Description	Quantity	Unit	Rate	Total	
1	Disposal of #2 Fuel Oil to Industrial Oil	TBD	gallons	\$0.55/gallon	TBD	
2	Vacuum Truck and Driver (3,000 gal capacity/load)	1	Day	\$800.00	\$800.00	
3	Excavator/Operator, field tech, utility vehicle, mob/demob	2	Days	\$2,700.00	\$5,400.00	✓
4	Tank Cleaning	1	LS	\$2,000.00	\$2,000.00	✓
5	Bank Run Gravel (delivered)	250	Tons	\$9.50/ton	\$2,375.00	✓
6	T&D of Non-Hazardous Contaminated soil to Albany Landfill	100	Tons	\$42.00/ton	\$4,200.00	✓
7	Excavator/Operator	1	Day	\$1,200.00	If required	✓

Sincerely,
OP-TECH ENVIRONMENTAL SERVICES, INC.


Stephen Kenny
Branch Manager

Itemized Cost Estimate
Shaw Environmental Project-Waterford, New York

Excavator and Crew/Operator (including mobilize) assume 2 days \$5,400

Daily use-vacuum truck \$800/day

Cleaning and Disposal, 20,000 gallon UST- \$2,000 L.S. (Include certificate of disposal back to Shaw)

Backfill/ton (must be certified "clean") including transportation to site \$9.50/Ton

Soil Disposal (Assume 100 tons) \$42/Ton (Identify facility in response)

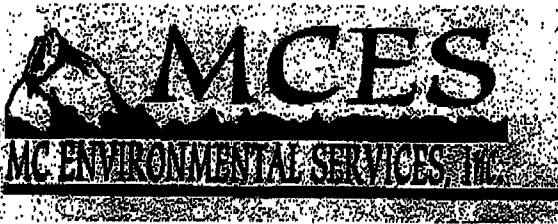
Disposal/gallon of liquid \$0.55/gallon (Identify facility in response)

Additional per day charge for excavator and operator \$1,200.00/day

Signature [Signature]

Company OP-TECH Environmental Services, Inc.

Date 3/19/09



526 Queensbury Avenue
Queensbury, NY 12804

518-615-0349 Fax: 615-0355

Fax Transmittal

783-8397

Date: 3-23-09

of pages: 3
(including cover page):

To: Dano Stoll, Shaw Env.
From: Dee Dee Diccicco-Craft

Re: UST Removal - Waterford, NY



Message:

Per our conversation, the Service Quotation follows.
We've added a line item for excavation/
stockpiling of the soils (100 tons)

Please call if you have any questions. We appreciate
this opportunity to be of service.

Itemized Cost Estimate

Shaw Environmental Project-Waterford, New York

Excavator and Crew/Operator (including mobe)-assume 2 days \$4,640.00Daily use-vacuum truck \$840 / day (excluding first day)Cleaning and Disposal, 20,000 gallon UST- \$5,130.00 (include certificate of disposal back to Shaw)Backfill/ton (must be certified "clean") including transportation to site \$8.95 / tonSoil Disposal (Assume 100 tons) \$42.95 / ton - Colonie Landfill - includes transportSoil Excavation / Stock-piling (Assume 100 tons): \$ 775.00 (excluding poly sheeting*)
(*If poly sheeting required, additional cost would be \$ 187.50 / roll, 6-mil, 40' x 100')Disposal / gallon of liquid \$0.85 / gallon (includes transport to Norlite Corporation)Additional per day charge for excavator and operator \$1,449.00 / day

Signature



Company

MC Environmental Services, Inc.Date 3/23/09

* Please see notes, exclusions on attached page.

Installation of backfill would be charged at the daily rate for excavator and operator (\$1,449 / day)



526 Queensbury Avenue
Queensbury, New York 12804

518-615-0349 fax: 615-0355

March 23, 2009

Mr. David Stoll
Shaw Environmental, Inc.
13 British American Boulevard
Latham, New York 12110

Re: Removal of UST - Waterford, New York - Service Quotation

Dear Mr. Stoll:

M C Environmental Services, Inc. is pleased to offer a proposal to excavate, cut, clean and dispose of one 20,000 gallon #2 fuel oil storage tank at the above-referenced location, as follows:


Item 1: Excavator and Crew / Operator (including mob-demob) - 2 days:	\$ 4,640.00
Item 2: Daily Use of Vacuum Truck (first day is included with Item 3):	\$ 840.00 / day
Item 3: Cleaning & Disposal of 20,000-gallon UST:	\$ 5,130.00
Item 4: Backfill - Bank Run Gravel, Delivered:	\$ 8.95 / ton
Item 5: Transportation / Disposal of Petroleum-Contaminated Soil (assumes 100 tons)	\$ 42.95 / ton
Item 6: Soil Excavation/Stock-piling-Assume 100 tons (excluding poly sheeting*) (*if poly sheeting required, additional cost would be \$187.50 / roll, 6-mil, 40' x 100')	\$ 775.00
Item 6: Transportation / Disposal of Tank Liquids:	\$ 0.85 / gal
Item 7: Additional per day charge for excavator & operator:	\$ 1,449.00 / day
Item 8: Excavation / Stock-piling of Petroleum-Contaminated Soil (assumes 100 tons):	\$ 775.00

This quotation assumes that the tank is accessible with our equipment, and that soil analysis required for disposal and tank closure is done by others. The price for daily use of the vacuum truck would only apply after the first day. Prices do not include management of groundwater, if encountered, or New York State sales tax. Disposal prices are based on acceptance of the waste profile at the Town of Colonie landfill.

The prices listed above are also included in the Itemized Cost Estimate form, attached.

Thank you for the opportunity to quote on this project. If you have any questions, please call me at 615-0349.

Very truly yours,
MC Environmental Services, Inc.


Dee Dee Dicoicco-Craft
President

MC Environmental Services, Inc. is a New York State Certified Woman-Owned Business Enterprise

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

Subcontract Certification

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

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at: <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. (Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors, the COI certification must be submitted to the project manager upon activation.)
4. For subcontracts in excess (or anticipated to be) of \$10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of \$10,000 the subconsultant submitted an acceptable New York State Vendor Responsibility Questionnaire. (Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbul/g221.htm>).
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises/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) is included as appropriate.
9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Randa Stone

4/9/09

Signature of Contractor's Authorized Representative

Date

STON ENGINEERING & INFRASTRUCTURE OF N.Y.C.

D006132-3

Contractor Name

Contract No. WA No.

OP-TECH

Subcontractor Name

3/2/07

Engineer/Contract#:
Project Name:
Work Assignment No.:

D006132
Former Ford Manufacturing Company Mill Site
D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Bucks Geophysical Corporation	Geophysics Survey	\$5,600.00	\$0.00

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Mobilization	600	ea	1	\$600.00
GPR survey of 2.46 acre site	4,000	LS	1	\$4,000.00
EM Survey over 1/2 acre lot	1,000	LS	1	\$1,000.00
Task 2 Total:				\$5,600.00

Subcontract Total: \$5,600.00

Subcontract Management Fee:

TOTAL: \$5,600.00

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

Subcontract Certification

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

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at: <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. (Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors, the COI certification must be submitted to the project manager upon activation.)
4. For subcontracts in excess (or anticipated to be) of \$10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of \$10,000 the subconsultant submitted an acceptable New York State Vendor Responsibility Questionnaire. (Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>.)
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises/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) is included as appropriate.
9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

*N/A - Project
specific
need*

Sarah Enila *4/9/09*
Signature of Contractor's Authorized Representative Date
Sarah Enila, Manager of Infrastructure of N.Y.P.C. *D006132-3*
Contractor Name Contract No. WA No.
BULLS GEOPHYSICAL
Subcontractor Name 3/2/07



Shaw Environmental & Infrastructure, Inc.

BID ANALYSIS WORKSHEET

**BASIS OF AWARD - Refer to PR 018 - PURCHASE ORDER
AWARD JUSTIFICATION FORM, attachment 18.6**

SB AWARD DATA*

Were SBs Solicited? Yes (How Many?) No

If not, why not?

SDBs? Yes (How Many?) No

WOSBs? Yes (How Many?) No

If not, why not?

PASS or PRO-NET search Performed? Yes No

Reason(s) for SB Not Receiving Award If SB was Solicited:

- ☐ a. No Bids Received ☐ e. Not Technically Qualified
☐ b. Financially Unstable ☐ f. Unacceptable Delivery/Schedule
☐ c. Unsubstantiated Proposal ☐ g. Not Lowest, Responsible,
☐ d. Unacceptable to Customer Responsive Offeror

* If award is > \$100K, complete the SB Subcontract Award Worksheet
in lieu of the above box

Client Contract Number: D0006132

Prepared by: HAF

Date: 3/18/09

Job Number: 134685 03000000

Job Name: Former Ford Manufacturing Mill Site

Materials/Serv. Required on Site by:

Period of Performance: 2009

BID TABULATION

Reason(s) for SB Not Receiving Award if SB was Solicited:				1		2		3		4	
<div><div><input type="checkbox"/> a. No Bids Received</div><div><input type="checkbox"/> b. Financially Unstable</div><div><input type="checkbox"/> c. Unsubstantiated Proposal</div><div><input type="checkbox"/> d. Unacceptable to Customer</div></div> <div><div><input type="checkbox"/> e. Not Technically Qualified</div><div><input type="checkbox"/> f. Unacceptable Delivery/Schedule</div><div><input type="checkbox"/> g. Not Lowest, Responsible, Responsive Offeror</div></div> <div><div>* If award is > \$100K, complete the SB Subcontract Award Worksheet in lieu ofm the above box</div></div>		BUSINESS SIZE									
		VENDOR		Naeva Geophysics Inc.		Bucks Geophysical		Geod Corp		Geophysical Applications	
		QUOTE NO.		RFP 030403 NYSDEC		RFP 030403 NYSDEC		RFP 030403 NYSDEC		RFP 030403 NYSDEC	
		DATE		3/6/2009		3/6/2009		3/6/2009		3/6/2009	
		F.O.B./F.O.S.									
TERMS											
QUOTE DELIVERY TIME OR PERIOD OF PERFORMANCE											
DESCRIPTION OF SUPPLIES/SVS.		UNIT OF MEASURE	NUMBER OF UNITS	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL
1	Mobilization	Each	1	\$630.00	\$630.00	\$600.00	\$600.00	\$1,686.61	\$1,686.61	\$975.00	\$975.00
2	GPR Survey of 2.46acre lot	Each	1	\$600.00	\$600.00	\$4,000.00	\$4,000.00	\$15,626.11	\$15,626.11	\$3,285.00	\$3,285.00
3	EM survey of 2.46 acre lot	each	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	Included		\$1,655.00	\$1,655.00
4	Labor	hr	24	\$225.00	\$5,400.00	Included		Included		Included	
5	perdiem	day	3	\$300.00	\$900.00	Included		Included		Included	
6	data processing	hr	12	\$50.00	\$600.00	Included		Included		Included	
7	reports/graphics	hrs	7	\$100.00	\$700.00	Included		Included		Included	
8	materials	LS	1	\$275.00	\$275.00	Included		Included		Included	
9					\$0.00		\$0.00		\$0.00		\$0.00
10					\$0.00		\$0.00		\$0.00		\$0.00
11					\$0.00		\$0.00		\$0.00		\$0.00
Notes:			SUBTOTAL		\$9,605.00		\$5,600.00		\$17,312.72		\$5,915.00
			TAX	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00	0.00%	\$0.00
			FREIGHT		\$0.00		\$0.00		\$0.00		\$0.00
			TOTAL		\$9,605.00		\$5,600.00		\$17,312.72		\$5,915.00

Shaw Environmental Inc.

Request for Quote
RFP #030309
NYSDEC
Waterford, NY
Geophysical Surveying

Item No.	Quantity	U/M	Item or Service	Price Per Unit	Total
1	1	ea	Mobilization & Demobilization		\$ 600.00
2	1	LS	GPR survey of 2.46 Acre Site		\$ 4000.00
3	1	LS	Magnetometer Survey of 2.46 Acre Site		\$ 1000.00
4					\$ -
5					\$ -
6					\$ -
7					\$ -
8					\$ -
9					\$ -
10					\$ -
11					\$ -
12					\$ -
13					\$ -
<p>Quotation as per attached specifications. Please note any and all taxes, fees, surcharges, etc. Those not disclosed in the bid, will not be paid. This bid sheet is only a suggestion, bidder may use own pricing sheet. Quantities are estimated. Bidder shall be paid on actual quantities.</p>					
				Subtotal	5000.00
				Freight	
				TOTAL	5000.00

Shaw Environmental Inc.
200 Horizon Center Blvd. Trenton, NJ 08691
609-689-7834 or fax 609-588-6404
Email: Stephan.Wurzbarger@shawgrp.com

Quotation Submitted by: Matthew J. McMillen
Company Name: Bucks Geophysical Corporation
Address: P.O. Box 388, Plumsteadville, PA 18949
Phone / Fax: 215-345-7193 / 215-345-8553
Name Printed: Matthew J. McMillen
Authorized Signature: Matthew J. McMillen
Date: 3-5-2009

Delivery: Results to Trenton, NJ

Quote due: C.O.B. 3/6/09

March 5, 2009

Stephan Wurzburger
Shaw Environmental, Inc.
200 Horizon Center Blvd.
Trenton, NJ 08691



PROPOSAL: GEOPHYSICAL INVESTIGATION
RFQ 030309
NYSDEC Jobsite Waterford, NY

Dear Mr. Wurzburger:

Thank you for your request for a proposal regarding a geophysical investigation at a site Waterford, NY. We understand that you need to locate possible underground tanks, drums, utilities, foundations, etc., and investigate subsurface conditions on the site.

GEOPHYSICAL METHODOLOGY

The survey will be conducted using ground penetrating radar (GPR) and magnetic methods to fulfill the requirements of the survey.

A survey grid will be established over the area to be surveyed, using a 300-foot tape, spray paint, and transit if necessary. The grid will be referenced to building features, fences, etc.

The magnetic survey will be conducted using a GSM - 19G magnetometer where possible. Magnetic data will be collected every .5 second(Approximately every 2.5 feet) feet along survey lines spaced 5 feet apart. The data will then be reduced and a magnetic contour map will be generated to identify any possible anomalous areas.

The GPR survey will be conducted using a GSSI SIR3000 digital radar system and a 400 mhz antenna over the entire area where possible. The GPR survey will be conducted along survey lines spaced at 5 foot intervals. Additional lines spaced at 2.5 foot intervals will be added where a magnetic anomaly is detected. GPR traverses will be oriented parallel and perpendicular to each other.

COST

We anticipate that the field work would require 2.5 field days to complete. The cost of this survey is detailed below.

Mob/Demob	\$ 600
GPR Survey Lump Sum	\$ 4,000
Magnetometer survey Lump Sum	\$ 1,000
Total Cost	\$ 5,600

March 5, 2009

page - 2 -

DELIVERABLES

A full report including anomaly map, conductivity contour map, magnetic contour map, and interpretation will be completed within 10 work days following the completion of the fieldwork. All maps and figures of the site included in the report will be in AutoCAD format.

MISCELLANEOUS

The area to be surveyed will need to be clear of vehicles, dumpsters, barrels, etc., and any other obstructions that would interfere with the survey.

Terms of payment for services rendered are Net 30 days. An interest charge of 2.0% per month will be added to any outstanding balance after 30 days.

If this proposal is acceptable please sign the bottom in the space provided and return a copy to us.

We look forward to working with you on this project. If there are any questions concerning this proposal please contact us.

Respectfully submitted,
BUCKS GEOPHYSICAL CORPORATION

Matthew J. McMillen

Matthew J. McMillen
President and Geophysicist

Signed _____ Date _____

Title _____

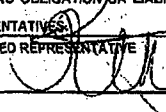
ACORDTM CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 01/05/2009
PRODUCER Haney Associates, Inc 20 N. 4th Street Emmaus, PA 18049	Phone: (610)965-0425	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.
INSURED Bucks Geophysical Corporation P.O. BOX 388 PLUMSTEADVILLE, PA 18949	INSURERS AFFORDING COVERAGE INSURER A: Admiral Insurance Company INSURER B: INSURER C: INSURER D: INSURER E:	NAIC #

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR. INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPIOP AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: -AGG \$
	EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER				WC STATUTORY LIMITS OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional	EO000002656-05	09/29/2008	09/29/2009	occ/aggregate 1/2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>20</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE  (KTH)

ACORD CERTIFICATE OF LIABILITY INSURANCEOPID VC
BUCKS-9DATE IMMEDIATE
02/23/09

PRODUCER
Univest Insurance, Inc.
521 West Main Street
P.O. Box 391
Lansdale PA 19446
Phone: 215-362-7000 Fax: 215-855-0985

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION
ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE
HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR
ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Bucks Geophysical Corporation
Matthew McMillen
PO Box 388
Plumsteadville PA 18949

INSURERS AFFORDING COVERAGE

NAIC #

INSURER 1 Ohio Casualty Group 24074

INSURER 2

INSURER 3

INSURER 4

INSURER 5

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED AND NO OTHER POLICIES
ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR
MAY PERTAIN TO THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH
POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'LTR INSR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE MM/DD/YY	POLICY EXPIRATION DATE MM/DD/YY	LIMITS
A X	GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR	CBP9774233	09/26/08	09/26/09	EAC - OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (EAC OCCURRENCE) \$100,000 MED EXP (any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPOUND AGG \$2,000,000
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS X HIRE AUTOS X NON-OWNED AUTOS	CBP9774233	09/26/08	09/26/09	COMBINED SINGLE LIMIT \$1,000,000 BODILY INJURY (per person) \$ BODILY INJURY (per accident) \$ PROPERTY DAMAGE (per accident) \$ GARAGE LIABILITY ANY AUTO \$ OTHER THAN AUTO \$ AGG \$ EXCESS/UMBRELLA LIABILITY EACH OCCURRENCE \$ AGGREGATE \$ DEDUCTIBLE \$ RETENTION \$
A	WORKERS COMPENSATION AND EMPLOYERS LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED Spec A. PROVISIONS apply OTHER	WC9774833	09/26/08	09/26/09	X TOTAL LIMITS TOTAL \$ E. EACH ACCIDENT \$1,000,000 E. DISEASE - EACH EMPLOYEE \$1,000,000 E. DISEASE - POLICY LIMIT \$1,000,000
A	Property	CBP9774233	09/26/08	09/26/09	Rented Eq \$60,000
A	Equipment	CBP9774233	09/26/08	09/26/09	Deductible \$500

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

CANCELLATION

SESSION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION
DATE THEREOF THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN
NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT BUT FAILURE TO DO SO SHALL
IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER OR ITS AGENT'S OR
REPRESENTATIVE'S
AUTHORIZED REPRESENTATIVE

Shaw Environmental Inc.

Request for Quote
RFP #30309
NYSDEC
Waterford, NY
Geophysical Surveying

Item No.	Quantity	U/M	Item or Service	Price Per Unit	Total
1	1	ea	Mobilization & Demobilization		\$ -
2	1	LS	GPR survey of 2.46 Acre Site		\$ -
3	1	LS	Magnetometer Survey of 2.46 Acre Site		\$ -
4					\$ -
5					\$ -
6					\$ -
7					\$ -
8					\$ -
9					\$ -
10					\$ -
11					\$ -
12					\$ -
13					\$ -
Quotation as per attached specifications. Please note any and all taxes, fees, surcharges, etc. Those not disclosed in the bid, will not be paid. This bid sheet is only a suggestion, bidder may use own pricing sheet. Quantities are estimated. Bidder shall be paid on actual quantities.					
				Subtotal	\$0.00
				Fright	
				TOTAL	\$0.00

→ 1686.61
→ 15 626.11

→ 17,312.72

Shaw Environmental Inc
200 Horizon Center Blvd. Trenton, NJ 08691
609-689-7834 or fax 609-588-6404
Email: Stephan.Warzbarger@shawgrp.com

Quotation Submitted by:

Company Name:

Address:

Phone / Fax:

Name Printed:

Authorized Signature:

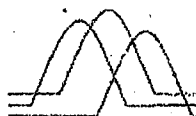
Date:

PAUL J. EMILIUS
GEOD CORPORATION
24 KANDUSE ROAD
NEW FOUNDLAND NJ 07435
PAUL J. EMILIUS
03/06/09

Delivery: Results to Trenton, NJ

Quote due: C.O.D. 3/6/09

FAX: 973-8386433



NAEVA GEOPHYSICS INC.

THE LEADER IN SUBSURFACE DETECTION

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

March 6, 2009

Mr. Stephan Wurzburger
Shaw Environmental, Inc.
200 Horizon Center Boulevard
Trenton, NJ 08691-1904
(609) 689-7834
(609) 588-6404 fax

RE: Proposal for Geophysical Investigation

Dear Mr. Wurzburger:

NAEVA Geophysics Inc. is pleased to submit for your review the following scope of work and costs associated with a geophysical investigation to be conducted at a former textile mill located at 121-125 2nd Street in Waterford, New York. All above ground structures related to the mill have been removed from the 2.5-acre site, and the property is now relatively open and level with only one significant building. The purpose of the investigation will be to identify and document the locations of detectable subsurface structures.

This investigation will be conducted using the geophysical methods outlined in the Shaw request for proposal (RFP). These methods include a magnetic investigation for buried ferrous objects and a ground penetrating radar (GPR) investigation to both supplement the magnetic investigation and to try to locate non-metallic features such as foundations. It is our understanding that Shaw will arrange for the removal/exclusion of vehicles from the area of investigation during our survey.

NAEVA's Technical Approach

Ground Penetrating Radar Investigation The RFP suggests geophysical data be collected on 10-foot grid centers. NAEVA takes exception to this line spacing, believing it is too loose; particularly for the GPR survey. In order to have enough data to produce useful 3-D subsurface images, NAEVA proposes to use a tighter line spacing.

We plan to establish a reference grid of parallel traverses spaced 5 feet apart across the site. Utilizing a Mala GeoScience cart-mounted GPR system with a 250 MHz antenna, GPR data profiles will then be collected at a 2.5-foot line spacing. These profiles will be processed and examined for reflections that can be interpreted as being caused by foundations or footings, utilities, or other

NEW YORK

50 N. Harrison Street
Suite 11
Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

MARYLAND

4707 Benson Avenue
Suite 104
Baltimore
Maryland 21227
(410) 536-7600
(410) 536-7602 Fax

VIRGINIA

P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

non-metallic structures. Additional post-acquisition processing, which will take up to 2 days, will then be performed at our office. After completion of the data processing, NAEVA will return to the site to mark out the locations of anomalies that are identified.

It should be noted that the GPR needs a relatively smooth, level, and unobstructed surface upon which to operate. Also, being affected by conditions such as the near-surface soil type, varied ground surface materials, and soil moisture, the GPR's depth of penetration is highly site specific. Therefore, the depth of penetration and usefulness of GPR data cannot be known in advance of its use on site. In general, the GPR's depth of penetration is greatest in electrically resistive soils such as dry sand and gravel. However, in electrically conductive wet or clayey soils, penetration can be less than 1 foot.

Magnetic Investigation To search for buried ferrous metallic objects we will utilize a Geometrics G858 cesium-vapor magnetometer. Using the same grid that was established for the GPR investigation, total field magnetic data will be collected at a 5-foot line spacing. With the magnetometer operating in auto-collect mode and cycling at a rate of 5 readings per second, data will be collected at approximately 0.5-foot intervals along each line. A Geometrics AX856 magnetometer will be set up in a secluded area to collect background data that can be used to correct for geomagnetic diurnal drift.

The magnetic data will be processed and used to generate a contour map of the Earth's magnetic field. The contour map will be inspected for anomalous areas that could indicate the presence of subsurface utilities, reinforced concrete foundations, septic tanks, or other buried metallic objects. Significant anomalies seen in the contour maps will be further investigated using a Fisher TW-6 hand-held radio-frequency metal detector in an attempt to more fully characterize their sources.

A report detailing our methods and results, and containing representative magnetic gradient data profiles as well as the tabulated GPS data listing our interpreted landfill edge coordinates, will be submitted after completion of the field work.

Deliverables

A report detailing our methods and results and containing a scaled AutoCAD site plan indicating the locations of all detected subsurface utilities and features relative to permanent aboveground structures, as well as appropriate magnetic contour and GPR reflective image maps, will be prepared and submitted after completion of the field work.

Lump Sum Pricing

NAEVA Geophysics' cost for this investigation, including a two-man field crew, all equipment, reporting, round trip travel, and staff per diem allowances is shown in the pricing table below. These prices are based upon performing both the magnetic and the GPR investigations consecutively during one mobilization. If the investigative phases are required to be performed individually, costs will change. NAEVA is prepared to begin

this work within ten (10) business days of receiving notice to proceed. This proposal will remain valid a minimum of ninety (90) days from the date of submittal.

Below are the **lump sum** costs for the investigation as described above:

<u>Item</u>	<u>Rate</u>	<u>Cost</u>
24 hours labor (crew of two)	\$225/hr	\$5,400.00
Mobilization	\$630/lump sum	630.00
2 days GPR	\$600/day	1,200.00
1 day magnetometer (two units)	\$250/day/unit	500.00
3 days per diem	\$300/day	900.00
12 hrs data processing	\$50/hr	600.00
7 hours report/graphics	\$100/hr	700.00
<u>Materials</u>		275.00
		Total \$10,205.00

Field personnel

NAEVA's approach to geophysical investigations begins with a highly experienced crew. Our on-site personnel, without exception, are geophysicists and geologists with a strong understanding of the scientific principles applicable to effective geophysical surveys. The team leaders who will be assigned to projects have performed hundreds of subsurface investigations. All employees have completed an OSHA approved HAZWOPER 40-hour hazardous materials site worker course, are current with their annual 8-hour refresher training, and are enrolled in NAEVA's medical monitoring program.

Considerations

The above costs are based on the information provided us and assume a smooth and level surface, easy vehicle access, sparse vegetation, and minimal snow cover. Please also note the following considerations.

Investigating Subsurface Utilities and Features

- It should be understood that the location of subsurface objects, pipes, and utilities is dependent upon the recognition of physical phenomena at the ground surface. These phenomena can be magnetic fields or electromagnetic waves, which are interpreted as representative of subsurface objects. These fields or waves, however, may be attenuated and/or distorted by a number of factors including soil moisture, steel reinforced concrete, and proximity to other surface and subsurface facilities.

In practical terms, NAEVA serves to reduce the chances of accidental damage during excavation operations. However, it is important to be aware that, for physical reasons,

not all underground lines, piping, utilities, and facilities are detectable. Underground conduits or utilities made of non-metallic or non-electrically conductive materials are usually more difficult to detect than ones made of conducting metals.

- It will be necessary that the area of investigation be reasonably clear of surface objects such as stored materials, vehicle, debris and metals.
- We recommend that you mark any proposed excavations on the ground and notify the regional "one-call" center to inform them of your intentions to dig a minimum of 72 hours prior to breaking ground. The responsibility to make this call is yours.

Magnetic Investigations

- The ability to detect buried ferromagnetic features is a function of the quality of the data collected. Data quality is adversely affected when collected near aboveground ferromagnetic objects such as vehicles, dumpsters, stored materials, etc. We suggest that such ferromagnetic objects be removed from the survey area prior to our arrival on site.
- The National Oceanic and Atmospheric Administration is called each day that magnetic data is collected to determine the expected geomagnetic activity. In rare instances, the activity may be too high to obtain good quality data, in which case, we will look to you for flexibility in rescheduling this project.

Investigations Using Ground Penetrating Radar (GPR)

- GPR is affected by site conditions such as the near-surface soil type, varied ground surface materials, and soil moisture, therefore, the depth of penetration and usefulness of GPR data cannot be known until our arrival on site.

Contractual Arrangements

- If NAEVA is awarded this contract and your Company requires a subcontract, please provide a copy of the agreement to:

Mr. Mark Weis, Office Manager
NAEVA Geophysics, Inc.
50 North Harrison Avenue, Suite 11
Congers, NY 10920
(845) 268-1800 (845) 268-1802-fax
mweis@naevageophysics.com

Please allow adequate time for contract negotiation.

Billing

- Unless other contractual arrangements have been made, payment terms are net 30 days. Overdue invoices are subject to a monthly finance charge of 1.5%.
- If this project must be scheduled during off-hours (weekends or at night) additional charges may apply.

Thank you for the opportunity to submit this proposal. We look forward to working with you soon. Please call me if I may answer any questions.

Sincerely,

Mark E. Weis

Mark E. Weis
Manager-New York Operations
NAEVA Geophysics, Inc.

Shaw Environmental Inc.

Request for Quote
RFP '030309
NYSDEC
Waterford, NY
Geophysical Surveying

Item No.	Quantity	U/M	Item or Service	Price Per Unit	Total
1	1	ea	Mobilization & Demobilization	475.00	\$475.00
2	1	LS	GPR survey of 2.46 Acre Site	3285.00	\$3285.00
3	1	LS	Magnetometer Survey of 2.46 Acre Site	1655.00	\$1655.00
4					\$ -
5					\$ -
6					\$ -
7					\$ -
8					\$ -
9					\$ -
10					\$ -
11					\$ -
12					\$ -
13					\$ -
			Quotation as per attached specifications. Please note any and all taxes, fees, surcharges, etc. Those not disclosed in the bid, will not be paid. This bid sheet is only a suggestion, bidder may use own pricing sheet. Quantities are estimated. Bidder shall be paid on actual quantities.		
				Subtotal	30.00
				Fright	
				TOTAL	5,915.00

Shaw Environmental Inc
200 Horizon Center Blvd. Trenton, NJ 08691
609-689-7834 or fax 609-588-6404
Email: Stephan.Wurzbarger@shawgrp.com

Quotation Submitted by: Charlene Sullivan
Company Name: Geophysical Applications
Address: 215 Hopping Brook Rd
Phone / Fax: 508-429-2430
Name Printed: Charlene Sullivan
Authorized Signature: Charlene Sullivan
Date: March 6, 2009

Delivery: Results to Trenton, NJ

Quote due: C.O.B. 3/6/09

These costs assume two geophysicists + all expenses for mob/demob, data acquisition + analysis + report preparation. Fieldwork to be accomplished in one trip.
Gridding + magnetometer survey + 2hrs of GPR on day 1
GPR for ~ 8 hours on Day 2 to complete the survey.

Technical exception attached.

We can generally mobilize to a site such as this with one or two weeks notice to proceed. Magnetic maps will be available (draft) within 2 days.

Technical Exceptions to Statement of Work, March 6, 2009

Geophysical Applications, Inc.
215 Hopping Brook Road
Holliston, MA 01746

508-429-2430

Re: RFP 030309, Waterford, NY

We have prepared the attached quote using the specifications stated in the RFP. As discussed with Mr. Wurzbarger on March 6, 2009, the 10-foot spacing for the magnetometer survey is adequate to locate medium to large sized buried objects (drum size and larger). Small objects such as a metal pail or paint can would not always be detected.

1) Note also that if the detection of linear objects such as pipes is the main objective, the EM31 electromagnetic instrument does a better job of delineating these types of objects to a depth of 15 feet. The magnetometer is very sensitive and can see deeper (up to ~35 feet), however, as stated above does not show linear objects as nicely when contoured. These two instruments will be adversely affected by visible surface metal objects (buildings, fences, etc.) approximately 25 feet from the instrument.

If your depth of interest is only 4 to 6 feet, you could also consider the EM61 electromagnetic instrument. This instrument does not "see" very deep however it is designed to be relatively unaffected by surface metal (5 feet away or less on average). This instrument would need to be run on a 5-ft grid though, and as such would take twice as long as the other 2 instruments. As your site is mostly open, this would likely not be cost effective.

The data acquisition technique and time/costs for these 3 instruments are the same. All 3 involve walking up and down parallel traverses at an average walking pace.

2) We have costed the survey for the requested 10-foot GPR grid. Note that GPR traverses are collected along parallel traverses oriented in both directions (NS and EW), as objects look very different to the GPR depending on whether you are crossing them or traversing along them (e.g. a pipe or UST).

O'Brien and Gere has not stated the survey objective, however please note that 10-foot spacing is quite large. That spacing is useful for detecting laterally extensive pipes, or very long, straight foundation walls. However it is not adequate for USTs, short pipe segments or short wall segments. In general 5-foot line spacing is adequate for 1,000-gallon USTs and larger.

Another approach O'Brien and Gere may wish to consider is to collect closely-spaced GPR only over magnetic/electromagnetic anomalies and not over the whole site. Or collect the entire site at 10-foot spacings with a smaller grid over the anomalies.

Our day rate for collecting GPR will be \$2,800 for a two-person crew (excluding mob).
For time-estimates, roughly 2.5 hours to grid, 3.5 hours to collect one mag/electromag
technique and 11 hours to collect data over the site at 10-foot spacings.

Charlene Sullivan

3-6-2007

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

Subcontract Certification

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

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at: <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. (Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors, the COI certification must be submitted to the project manager upon activation.)
4. For subcontracts in excess (or anticipated to be) of \$10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of \$10,000 the subconsultant submitted an acceptable New York State Vendor Responsibility Questionnaire. (Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbul/g221.htm>).
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises/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) is included as appropriate.
9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

David Stoll *4/9/09*
Signature of Contractor's Authorized Representative Date
State of New York Department of Environmental Conservation *DO0612-3*
Contractor Name Contract No. WA No.
ENVIRONMENTAL DATA VALIDATION, INC.
Subcontractor Name 3/2/07

Engineer/Contract#:
 Project Name:
 Work Assignment No.:

D006132
 Former Ford Manufacturing Company Mill Site
 D006132-03

Date Prepared: 4/30/2009 11:30

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Environmental Data Validation (MBE)	Soil and GW Analysis	\$6,325.50	\$316.28

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Soil - VOCs	\$23.22	each	24	\$557.28
Soil - SVOCs	\$25.77	each	24	\$618.48
Soil - Metals	\$25.77	each	24	\$618.48
Soils - CN	\$12.99	each	24	\$311.76
Soils - Mercury	\$12.99	each	24	\$311.76
Soils - Pesticides/PCBs	\$25.77	each	24	\$618.48
Task 2 Total:				\$3,036.24
Soil /Groundwater - VOCs	\$23.22	each	26	\$603.72
Soil /Groundwater - SVOCs	\$25.77	each	26	\$670.02
Soil / Groundwater - Metals	\$25.77	each	26	\$670.02
Soils/GW - CN	\$12.99	each	26	\$337.74
Soils/GW - Mercury	\$12.99	each	26	\$337.74
Soils/GW - Pesticides/PCBs	\$25.77	each	26	\$670.02
Task 3 Total:				\$3,289.26
Subcontract Total:				\$6,325.50
Subcontract Management Fee:				\$316.28
TOTAL:				\$6,641.78

Schedule 2.11(g)

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

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03
 Task No./Name: Task 1-4 Summary
 Complete: 0%

Page 1 of 5
 Date Prepared: 4/30/2009 11:30
 Billing Period: _____
 Invoice No.: _____

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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,388	\$24,388
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,047	\$28,047
Subtotal Direct Salary 3 Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52,435	\$52,435
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$462	\$462
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,738	\$7,738
6 Subtotal Direct Non-Sala	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,200	\$8,200
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$63,020	\$63,020
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$123,654	\$123,654
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,082	\$6,082
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$129,737	\$129,737

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

Monthly Cost Control Report Summary of Fiscal Information

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03
 Task No./Name: 01/Preliminary Activities
 Complete 0%

Page 2 of
 Date Prepared: 4/30/2009 11:30
 Billing Period
 Invoice No.

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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$7,572.47	\$7,572.47
2 Indirect Costs 115%	\$0.00			\$0.00			\$8,708.34	\$8,708.34
Subtotal Direct Salary 3 Costs and Indirect Costs	\$0.00			\$0.00			\$16,280.81	\$16,280.81
4 Travel				\$0.00			\$32.60	\$32.60
5 Other Non-Salary Costs				\$0.00			\$53.20	\$53.20
6 Subtotal Direct Non-Sala	\$0.00			\$0.00			\$85.80	\$85.80
7 Subcontractors				\$0.00			\$0.00	\$0.00
8 Total WA Cost	\$0.00			\$0.00			\$16,366.61	\$16,366.61
9 Fixed Fee	\$0.00			\$0.00			\$1,888.57	\$1,888.57
10 Total WA Price	\$0.00			\$0.00			\$18,255.18	\$18,255.18

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

Monthly Cost Control Report Summary of Fiscal Information

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03
 Task No./Name: 02/Geophysical Survey/Soil Gas/Initial Environmental Sampling
 Complete 0%

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 Date Prepared: 4/30/2009 11:30
 Billing Period _____
 Invoice No. _____

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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$3,435.10	\$3,435.10
2 Indirect Costs 115%	\$0.00			\$0.00			\$3,950.37	\$3,950.37
Subtotal Direct Salary 3 Costs and Indirect Costs	\$0.00			\$0.00			\$7,385.47	\$7,385.47
4 Travel				\$0.00			\$214.50	\$214.50
5 Other Non-Salary Costs				\$0.00			\$4,107.86	\$4,107.86
6 Subtotal Direct Non-Sala	\$0.00			\$0.00			\$4,322.36	\$4,322.36
7 Subcontractors				\$0.00			\$37,933	\$37,932.99
8 Total WA Cost	\$0.00			\$0.00			\$49,640.82	\$49,640.82
9 Fixed Fee	\$0.00			\$0.00			\$856.71	\$856.71
10 Total WA Price	\$0.00			\$0.00			\$50,497.53	\$50,497.53

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03
 Task No./Name: 03/Subsurface Investigation/Additional Environmental Sampling and Implementation
 Complete 0%

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 Date Prepared: 4/30/2009 11:30
 Billing Period _____
 Invoice No. _____

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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$4,935.45	\$4,935.45
2 Indirect Costs 115%	\$0.00			\$0.00			\$5,675.77	\$5,675.77
Subtotal Direct Salary Costs and Indirect Costs	\$0.00			\$0.00			\$10,611.22	\$10,611.22
4 Travel				\$0.00			\$214.50	\$214.50
5 Other Non-Salary Costs				\$0.00			\$3,404.50	\$3,404.50
6 Subtotal Direct Non-Sala	\$0.00			\$0.00			\$3,619.00	\$3,619.00
7 Subcontractors				\$0.00			\$25,086.51	\$25,086.51
8 Total WA Cost	\$0.00			\$0.00			\$39,316.73	\$39,316.73
9 Fixed Fee	\$0.00			\$0.00			\$1,230.90	\$1,230.90
10 Total WA Price	\$0.00			\$0.00			\$40,547.63	\$40,547.63

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03
 Task No./Name: 04/Final Report
 Complete 0%

Page 5 of 5
 Date Prepared: 4/30/2009 11:30
 Billing Period _____
 Invoice No. _____

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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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00			\$8,445.40	\$8,445.40
2 Indirect Costs 115%	\$0.00			\$0.00			\$9,712.21	\$9,712.21
Subtotal Direct Salary								
3 Costs and Indirect Costs	\$0.00			\$0.00			\$18,157.61	\$18,157.61
4 Travel				\$0.00			\$0.00	\$0.00
5 Other Non-Salary Costs				\$0.00			\$172.50	\$172.50
6 Subtotal Direct Non-Sala	\$0.00			\$0.00			\$172.50	\$172.50
7 Subcontractors				\$0.00			\$0.00	\$0.00
8 Total WA Cost	\$0.00			\$0.00			\$18,330.11	\$18,330.11
9 Fixed Fee	\$0.00			\$0.00			\$2,106.28	\$2,106.28
10 Total WA Price	\$0.00			\$0.00			\$20,436.39	\$20,436.39

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: David Stoll
 Contract#: D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03
 Task No./Name N/A
 Complete 0%

Page 0 of 0
 Date Prepared: 4/30/2009 11:30
 Billing Period _____
 Invoice No. _____

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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	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs				\$0.00				\$0.00
2 Indirect Costs 115%	\$0.00			\$0.00				\$0.00
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00			\$0.00				\$0.00
4 Travel				\$0.00				\$0.00
5 Other Non-Salary Costs				\$0.00				\$0.00
6 Subtotal Direct Non-Sala	\$0.00			\$0.00				\$0.00
7 Subcontractors				\$0.00				\$0.00
8 Total WA Cost	\$0.00			\$0.00				\$0.00
9 Fixed Fee	\$0.00			\$0.00				\$0.00
10 Total WA Price	\$0.00			\$0.00				\$0.00

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontracts

PM/Engineer: David Stoll
D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03
 Complete 0%

Page 1 of 2
 Date Prepared: 4/30/2009 11:30
 Billing Period _____
 Invoice No. _____

	A	B	C	D	E	F	G
Subcontract Name	Subcontracts Costs Claimed this Application Inc. Resubmittals	Subcontract Costs Approved for Payment on Previous	Total Subcontract Costs to Date (A + B)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date (C plus F)
1 Zebra			\$0.00	\$8,856			\$0.00
2 Mitkem - Soil & GW.			\$0.00	\$23,400	\$1,170		\$0.00
3 Op-Tech			\$0.00	\$16,525	\$826		\$0.00
4 Bucks Geophysical Corporation			\$0.00	\$5,600			\$0.00
5 Environmental Data Validation (MBE/WBE)			\$0.00	\$6,326	\$316		\$0.00
6							
7							\$0.00
8							\$0.00
9							\$0.00
Total	\$0.00	\$0.00	\$0.00	\$60,707	\$2,313	\$0.00	\$0.00

Project Manager _____

Date _____

NOTES:

- 1 Costs listed in Columns A, B, C & D do not include any management fee costs.
- 2 Management fee is applicable to only properly procured, satisfactorily completed, unit price subcontracts over \$10,000.
- 3 Line 11, Column G should equal Line 7 (Subcontractors), Column D of Summary Cost Control Report.

Schedule 2.11(h)
Monthly Costs Control Report
Summary of Labor Hours

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

Engineer/Contract#: David Stoll / D006132
 Project Name: Former Ford Manufacturing Company Mill Site
 Work Assignment No.: D006132-03

Date Prepared: 4/30/2009 11:30
 Billing Period: _____
 Invoice No.: _____

NSPE Labor Classification	IX Exp/Est	VIII Exp/Est	VII Exp/Est	VI Exp/Est	V Exp/Est	IV Exp/Est	III Exp/Est	II Exp/Est	I Exp/Est	Admin	Total Direct Labor Hours Exp/Est
Task 1	5				76	58	58	60		10	267
Task 2	0.5				24	59	28			4	115.5
Task 3	0.5					119	48			4	171.5
Task 4	6				20	118	108	36	9	11	308
Task 5											0
Task 6											0
Task 7											0
Task 8											0
Task 9											0
Task 10											0
Task 11											0
Task 12											0
Total Hours	0 12	0 0	0 0	0 0	0 120	0 354	0 242	0 96	0 9	0 29	862

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

Engineer/Contract#: David Stoll / D006132 Date Prepared: 4/30/2009 11:30
Project Name: Former Ford Manufacturing Company Mill Site
Work Assignment No.: D006132-02

Schedule 2.11(i)

Monthly Cost Control Report

PM/Engineer: _____

1 Equipment Description

Purchase Date _____

Purchase Price _____

Dates & Location of Use Since Last Report (Identify WA) _____

Present Storage Location _____

Condition of Equipment _____

Responsible Person and Phone No. _____

2 Equipment Description

Purchase Date _____

Purchase Price _____

Dates & Location of Use Since Last Report (Identify WA) _____

Present Storage Location _____

Condition of Equipment _____

Responsible Person and Phone No. _____

3 Equipment Description

Purchase Date _____

Purchase Price _____

Dates & Location of Use Since Last Report (Identify WA) _____

Present Storage Location _____

Condition of Equipment _____

Responsible Person and Phone No. _____

4 Equipment Description

Purchase Date _____

Purchase Price _____

Dates & Location of Use Since Last Report (Identify WA) _____

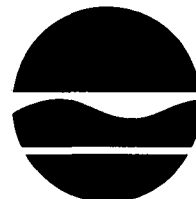
Present Storage Location _____

Condition of Equipment _____

Responsible Person and Phone No. _____

- * This form must be completed for all Department owned equipment in the custody of the Engineer and submitted as part of the Monthly Cost Control Report.

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway, Albany, New York 12233-7012
Phone: (518) 402-9764 • **FAX:** (518) 402-9722
Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

Via E-Mail

May 7, 2009

Mr. David Stoll
Shaw Environmental, Inc.
13 British American Boulevard
Latham, NY 12110-1405

RE: Termination of Work Assignment
Contract/WA No. D006132-3
Site/Spill Name - Former Ford Manufacturing Co.
Site No. - 546053

Dear Mr. Stoll:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) is terminating the above-referenced work assignment.

Funding for this Site, through the EPA Brownfield Targeted Site Assessment grant, is no longer available.

We apologize for any inconvenience. If you have any questions, please contact me at (518) 402-9719.

Sincerely,

Michael J. Cruden, P.E.
Chief
Contracts and Payments Section
Bureau of Program Management
Division of Environmental Remediation

ec: w/att. M. McLean
L. Lagasse

ec: w/o att. D. Desnoyers
S. Ervolina
D. Weigel
C. Vasudevan
J. Swartwout
R. Huyck
D. Finlayson
C. Hale

New York State Department of Environmental Conservation

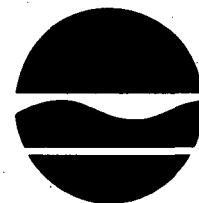
Division of Environmental Remediation

Bureau of Program Management, Room 1224

625 Broadway, Albany, New York 12233-7012

Phone: (518) 402-9764 • FAX: (518) 402-9722

Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

Via E-Mail

February 11, 2009

Mr. David Stoll
Shaw Environmental, Inc.
13 British American Boulevard
Latham, NY 12110-1405

Re: WA Issuance/Notice to Proceed

Dear Mr. Stoll:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) is issuing to your firm and authorizing your firm to proceed with the work assignment (WA) identified below and in the enclosed work plan template for the performance of a Site Characterization.

Please contact DER's Project Manager (PM) immediately to discuss the WA, staffing, time critical work and any site specific concerns.

<i>Contract/WA No.:</i>	D006132-3
<i>Site/Spill No./PIN:</i>	5-46-053
<i>Site/Spill Name:</i>	Former Ford Manufacturing Company Mill Site
<i>Program Element:</i>	Site Characterization
<i>Est. Total WA Budget:</i>	\$150,000
<i>Project Manager:</i>	Mike McLean
<i>PM Phone No.:</i>	(518) 897-1242
<i>PM E-mail:</i>	mpmclean@gw.dec.state.ny.us
<i>Contract Manager:</i>	Lisa M. Lagasse
<i>CM Phone No.:</i>	(518) 402-9747
<i>CM E-mail:</i>	lmlaga@gw.dec.state.ny.us
<i>M/WBE Contact:</i>	Thomas Christian
<i>M/WBE Phone No:</i>	(518) 402-9311
<i>M/WBE E-mail:</i>	techrist@gw.dec.state.ny.us

Please review your firm's relationship with the Potential Responsible Parties (PRPs) listed on the enclosed Conflict of Interest Certification form. Complete the form, accept or reject the WA, and return the form to the Contract Manager (CM) within **5 calendar days** of the date of this letter.

The Schedule 2.11s and M/WBE Utilization Plan for the WA must be completed and sent electronically in a single Adobe® PDF document to the CM within **21 calendar days** of the date of this letter. If multiple sites are included in the WA, Schedule 2.11s must be provided for each site and the total WA. The Schedule 2.11s must be in accordance with the executed standby contract. The Schedule 2.11s should identify areas of work requiring subcontracting and the certified M/WBE firms to be utilized, if known. If the M/WBE Utilization Plan for the WA does not meet the M/WBE goals set forth in the standby contract, an explanation must be provided at the time the M/WBE Utilization Plan is submitted. Standby subcontractors should be utilized to the extent practical. Project specific subcontracts must be procured in accordance with the overall schedule (i.e. a reasonably estimated placeholder cost can be included for services not yet procured). The Schedule 2.11s should identify the management and technical staff assigned to the WA. Include resumes of staff not previously approved by DER. The Schedule 2.11s should reflect the scope of work outlined in the Work Plan Template. A cover letter accompanying the submittal of the Schedule 2.11s should include a brief justification of the budget supported by the Schedule 2.11s.

If you have any questions regarding the WA's scope of work (work plan template), and/or budget (schedule 2.11s), please contact the PM. Requests for reimbursement for the WA should not be submitted and will not be processed prior to the approval of the schedule 2.11s.

If work is not initiated in a timely manner or the schedule 2.11s are not approved by DER within **60 calendar days** of the date of this letter, the WA may be terminated and reimbursement will be limited to a negotiated amount based on work performed to date of termination.

Sincerely,



Michael J. Cruden, P.E.
Chief
Contracts and Payments Section
Bureau of Program Management
Division of Environmental Remediation

Attachments

ec: w/enc. M. McLean
L. Lagasse

ec: w/o enc. D. Desnoyers
S. Ervolina
D. Weigel
C. Vasudevan
J. Swartwout
R. Huyck
D. Finlayson
T. Christian

bec: M. Cruden

**New York State Department of Environmental Conservation
Division of Environmental Remediation
Conflict of Interest Certification
for
Standby Contract Work Assignment**

I. Potential Responsive Parties

To the best of the New York State Department of Environmental Conservation's knowledge, the potential responsible parties (PRPs) listed on the attachment are the known PRPs, as of the date of the work assignment issuance letter.

II. Conflict of Interest

Please check the appropriate boxes below and provide the necessary explanations:

- ☒ The Contractor believes there are no potential organization or personal conflicts of interest with the PRPs listed and is accepting the above referenced work assignment. *— SEE NOTE ON EMAIL ASSUMING NO RELATION TO IORD MOTOR COMPANY*
- ☐ The Contractor believes there are potential organizational and/or personal conflict(s) as indicated below:

- a) ☐ The Contractor believes the conflicts would not prohibit the Contractor from excepting the work assignment
- b) ☐ The Contractor believes the conflicts would prohibit the Contractor from excepting the work assignment.

Please explain and include as an attachment what the organizational and/or personal conflicts may be. Please note that organizational and personal conflicts of interest issues that must be addressed are defined in Appendix B, Section III, Conflict of Interest, in the executed standby contract. Additional items to address include the estimated percentage and dollar value that the contractor's business with the PRP bears to the contractor's business as a whole, whether there are mechanisms in place that allow for adequate independent quality assurance such as Professional Engineer certifications, quality assurance quality control of data, independent periodic inspections of work.

III. Certification

The undersigned authorized representative for the contractor indicated below hereby certifies that the information provided in this form or as an attachment to this form is a accurate representation of the relevant facts or circumstances which would give rise to an organizational or personal conflict of interest as defined in Appendix B, Section III, Conflict of Interest, of the executed standby contract indicated below, except as disclosed herein.

Nand Stoll 2/15/09
Signature of Contractor's Authorized Representative Date
SHOW ENVIRONMENTAL & INFRASTRUCTURE OF NY P.C.
Contractor Name

Please e-mail completed form to DEC Contract Manager within 5 calendar days of the date of the Work Assignment Issuance/Notice to Proceed Letter.

6/3/08

From: "Stoll, Dave" <Dave.Stoll@shawgrp.com>
To: "Lisa Lagasse" <lm1aga@gw.dec.state.ny.us>
CC: "Mike McLean" <mpmclean@gw.dec.state.ny.us>
Date: 2/16/2009 11:31 AM
Subject: Former Ford Textile Facility, Waterford NY
Attachments: COI_001.pdf

Lisa-please find attached COI review for the former Ford Textile facility in Waterford, NY. Based upon the information found on local historical site we have no Conflict of Interest on this project with either the Ford Family or Reis Company.

* John Ford incorporated the Ford Manufacturing Company in 1891 and constructed a large textile mill on the Hudson River to the north of the village. Later purchased by the Reis Company, the mill was also in operation for much of the twentieth century. Its buildings have also been demolished.

Please note that Shaw does provide services for Ford Motor Company nationwide but we found no mention in the files reviewed regarding any connection to Ford Motors.

Thanks again and we look forward to working with you on this project.

David C. Stoll, P.G.

Senior Project Manager

Commercial , State and Local Division

Shaw Environmental and Infrastructure Group

13 British American Blvd.

Latham, NY 12110

(518) 783-1996

fax 783-8397

Shaw(tm) a world of Solutions(tm)
www.shawgrp.com <<http://www.shawgrp.com/>>

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The Shaw Group Inc.

<http://www.shawgrp.com>

TABLE 3
LIST OF OWNERS/OPERATORS
Ford Manufacturing Co. Brownfield Project

LIST OF OWNERS & OPERATORS OF FORMER FORD MANUFACTURING SITE							
Previous Owner	Parcel	Date	New Owner	Operator	Last Known Address	Phone #	Applicant's Relationship
Bernard Lavery	A (Northern)	8/22/1895	Ford Manufacturing Co.	Ford Manufacturing Co.	123 Second St. Waterford NY 12188	Unknown	None
Alfred J. Nealer & Maria K. Nealer	B (Southern)	11/1/1919	Ford Manufacturing Co.	Ford Manufacturing Co.	123 Second St. Waterford NY 12188	Unknown	None
Ford Manufacturing Co.	A & B	1919	Robert Reis & Company (Pres. Robert S. MacArthur)	Robert Reis & Company	123 Second St. Waterford NY 12188	Unknown	None
Robert Reis & Company	A & B	4/22/1980	Clifford S. Tironi (died 1982)	Not Applicable	Box 267 Waterford NY 12188	Unknown	None
Estate of Clifford L. Tironi	A & B	4/25/1986	Water Commissioners of the Town of Waterford	Not Applicable	127 Second St. Waterford NY 12188	518-237-0422	Applicant

Site/Spill No./PIN: 546053

Site/Spill Name: Former Ford Manufacturing Mill

Work Plan Template

Work Element: Site Characterization

Date: Jan 6, 2009

The scope of work will generally encompass activities contained in Work Element I of Schedule 1 Phased Remedial Investigation/Feasibility Study and other work elements as appropriate in the Engineering Standby Contract. Site Characterizations should be conducted in accordance with the "Draft DER-10, Technical Guidance for Site Investigation and Remediation, Dated 12/25/02" or the latest version when available. Quality Assurance/Quality Control (QA/QC) must conform to the most current version of the NYSDEC Analytical Services Protocol (ASP). Soil vapor investigations will be performed in accordance with the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York." Additional information can be found at: http://www.health.state.ny.us/environmental/investigations/soil_gas/svi_guidance

Task 1: Preliminary Activities			
Unless otherwise approved in writing by the Department's project manager, all work shall conform to standby contractor's approved QAPP, HASP and FAP.			
1 Trip to Albany for Scoping Meeting	1	Max Hours	10
1 Trip to Site	1	Max Hours	10
File Review	1	Max Hours	10
Evaluation of data for reclassification/delist or continuation of Site Characterization		Max Hours	
Priority Raking System for sites reclassified to Class 2		Max Hours	
Develop Schedule 2.11s	1	Max Hours	60
Progress Schedule Required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Max Hours	4
Draft Report with reclassification documentation and hazard ranking system PA scoring or pre-scoring (if applicable)	0	Max Hours	
Executive Summary Required for Respository? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Max Hours	
		Total Task 1 Max Hours	74
Notes	Limited DEC File information exists, October 2007 ERP Application contains all site information. Time above includes Work Plan Preparation.		

Task 2: Geophysical Survey/Soil Gas/Initial Environmental Sampling									
At locations approved by NYSDEC (See attached Figure- <input type="checkbox"/> Site Location Map/Tax Parcel ID Map								Estimated Subcontract Costs	
Geophysical Survey								Site Survey	\$ 12,000
Ground penetrating radar <input checked="" type="checkbox"/>		Electromagnetic terrain conductivity <input type="checkbox"/>		Electrical resistivity surveys <input type="checkbox"/>		Geophysical		\$ 12,500	
Magnetometer <input checked="" type="checkbox"/>		Test pits <input checked="" type="checkbox"/>	Trenches <input type="checkbox"/>	Daily <input type="checkbox"/>	Weekly <input type="checkbox"/>	Soil Gas		\$	
Soil Gas	Volatile Organic Compounds <input type="checkbox"/>							Lab Analysis	\$ 24,000
Initial Environmental Sampling								Test Pit/Trenching	\$ 7,500
Soil <input type="checkbox"/> 24		Sediment <input type="checkbox"/>		Ground Water <input type="checkbox"/>		Surface Water <input type="checkbox"/>			
Full TCL <input checked="" type="checkbox"/>		Full TCL <input type="checkbox"/>		Full TCL <input type="checkbox"/>		Full TCL <input type="checkbox"/>			
Mercury or Total Cyanide <input type="checkbox"/>		Mercury or Total Cyanide <input type="checkbox"/>		Mercury or Total Cyanide <input type="checkbox"/>		Mercury or Total Cyanide <input type="checkbox"/>			
Metals <input type="checkbox"/>		Metals <input type="checkbox"/>		Metals <input type="checkbox"/>		Metals <input type="checkbox"/>			
Volatiles <input type="checkbox"/>		Volatiles <input type="checkbox"/>		Volatiles <input type="checkbox"/>		Volatiles <input type="checkbox"/>			
Semi-Volatiles <input type="checkbox"/>		Semi-Volatiles <input type="checkbox"/>		Semi-Volatiles <input type="checkbox"/>		Semi-Volatiles <input type="checkbox"/>			
Petroleum <input type="checkbox"/>		Petroleum <input type="checkbox"/>		Petroleum <input type="checkbox"/>		Petroleum <input type="checkbox"/>			
PCBs/Pesticides <input type="checkbox"/>		PCBs/Pesticides <input type="checkbox"/>		PCBs/Pesticides <input type="checkbox"/>		PCBs/Pesticides <input type="checkbox"/>			
Decision Point	NPL Nomination <input type="checkbox"/>	Reclassification <input type="checkbox"/>	Delist and Stop Action <input type="checkbox"/>	Continue <input type="checkbox"/>	Total Task 2 Max Hours 160				
Notes	Ten soil borings installed and documented by previous contractor, GPR Survey of entire 2.46 acre site and 12 additional test pits proposed with two samples from each (one surface, one subsurface). Sampling to include data validation.								

Task 3: Subsurface Investigation/Additional Environmental Sampling and Implementation

1. Wells will be installed working 10 hour days, including travel.
2. A geologist will supervise the well installation.
3. A senior geologist will make 1 site visit to the site during the well installation.
4. Well development will be performed following well installation.
5. Soil cuttings and development water will be placed in NYSDOT approved 55 gallon drums and stored on-site at one location.
6. The wells will be purged using low-flow sampling techniques. A minimum of 1 well volume will be removed from the well and field parameters must be stable for at least 3 readings.
7. A complete round of water levels will be collected and each well will be checked for DNAPL with interface probe.

Monitoring Well Installation and Development		Wells installed at locations approved by NYSDEC (see attached) Figure- <input type="text"/>		Estimated Drilling Cost\$ 45,000	
# of Wells installed w/1 mobilization <input type="text" value="8"/>		Auger Size <input type="text" value="6.25"/> inches		Depth of Well <input type="text" value="25"/> feet	
Interval Split Spoon Samples <input type="text" value="5"/> feet		Continuous Split Spoon Samples from <input type="text" value="15"/> feet to <input type="text" value="25"/> feet			
Screened across the water table		Feet at the deepest point <input type="text" value="25"/>		Depth of Screen <input type="text" value="10"/> foot long	
Screens made of <input type="text" value="2"/> Inch diameter Sch <input type="text" value="40"/> PVC		Finish with: Flush-mount protective casing <input type="text" value="Stick-up"/>			
Additional Ground Water, Surface Water, Soil and Sediment Sampling		Other (specify) <input type="text"/>			
Samples will be collected at locations approved by NYSDEC		Samples will be analyzed and MD/MSD samples (20%), field duplicates (10%), and rinse blanks (20%) will also be collected			
Soil <input type="text" value="8"/>	Sediment <input type="text"/>	Ground Water <input type="text" value="8"/>	Surface Water <input type="text"/>		
Full TCL <input checked="" type="checkbox"/>	Full TCL <input type="checkbox"/>	Full TCL <input checked="" type="checkbox"/>	Full TCL <input type="checkbox"/>		
Mercury or Total Cyanide <input type="checkbox"/>	Mercury or Total Cyanide <input type="checkbox"/>	Mercury or Total Cyanide <input type="checkbox"/>	Mercury or Total Cyanide <input type="checkbox"/>		
Metals <input type="checkbox"/>	Metals <input type="checkbox"/>	Metals <input type="checkbox"/>	Metals <input type="checkbox"/>		
Volatiles <input type="checkbox"/>	Volatiles <input type="checkbox"/>	Volatiles <input type="checkbox"/>	Volatiles <input type="checkbox"/>		
Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>		
Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>		
Petroleum <input type="checkbox"/>	Petroleum <input type="checkbox"/>	Petroleum <input type="checkbox"/>	Petroleum <input type="checkbox"/>		
PCBs/Pesticides <input type="checkbox"/>	PCBs/Pesticides <input type="checkbox"/>	PCBs/Pesticides <input type="checkbox"/>	PCBs/Pesticides <input type="checkbox"/>		
				Total Task 3 Max Hours <input type="text" value="125"/>	

Notes

Installation of 8 MWs to a depth of 25' proposed. One soil and groundwater sample from each location proposed. Sampling to include data validation.

Task 4: Final Report		
Pre-Scoring		Hazard Raking System PA Scoring 310
		Total Task 4 Max Hours 250
Notes	Final report will summarize all site work performed and be completed within 60 days of receiving all site sampling data.	

Multi-year work assignments can include a 3% escalation for costs in subsequent years. Administrative level of effort (LOE) should not exceed 4% of the overall LOE. NSPE level IX LOE should be limited to 2% of the total LOE.

Level of Effort (LOE):

Task 1:	74
Task 2:	160
Task 3:	125
Task 4:	250
Total	609

Estimated Subcontract Costs \$67,500

Estimated Direct Non-Salary Costs \$84,500

Estimated Project Cost \$152,000

Calendar Days:

60
120
60

Project Milestones:

Work Plan
Field Work
Final Report

1/8/2009



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Site Project Summary Report



Site Code	546053	Site Name	Former Ford Manufacturing Compai		
Classification	P	Address	121-125 2nd Street		
Region	5	City	Waterford	Zip	12188
Latitude		Town	Waterford		
Longitude		County	Saratoga	Project Manager	Mpmclean
Site Type				Estimated Size	2.4600

Site Description

The site is 2.5 acres in size and was last utilized as a mill complex in the 1960's, portions of the abandoned and deteriorating mill complex was demolished in the 1970s. The Town of Waterford took possession of the property in 1986, the majority of the site is an open field. The proposed future use of the site is a new, upgraded Town of Waterford Water Treatment Plant. Initial investigation work conducted by the Town has identified a 20,000 gallon petroleum storage tank and significant contaminated soils.

Contaminants of Concern (Including Materials Disposed)	Quantity Disposed
--	-------------------

Analytical Data Available for :

Applicable Standards Exceeded for:

Site Environmental Assessment

Limited Phase II work completed at the location by Waterford has identified a 20,000 gallon petroleum UST and petroleum contaminated soils in the area of the UST. Additional assessment work needed.

Site Health Assessment

1/8/2009

Project Information

Operable Unit 01 New P Site

	Agency	Bureau	Office	Manager	Funding Source
Site Characterization	DEC	BURA	REG 5	MPMCLEAN	Federal Government (EPA)

Remedial Investigation

Remedial Design

Remedial Action

OM & M

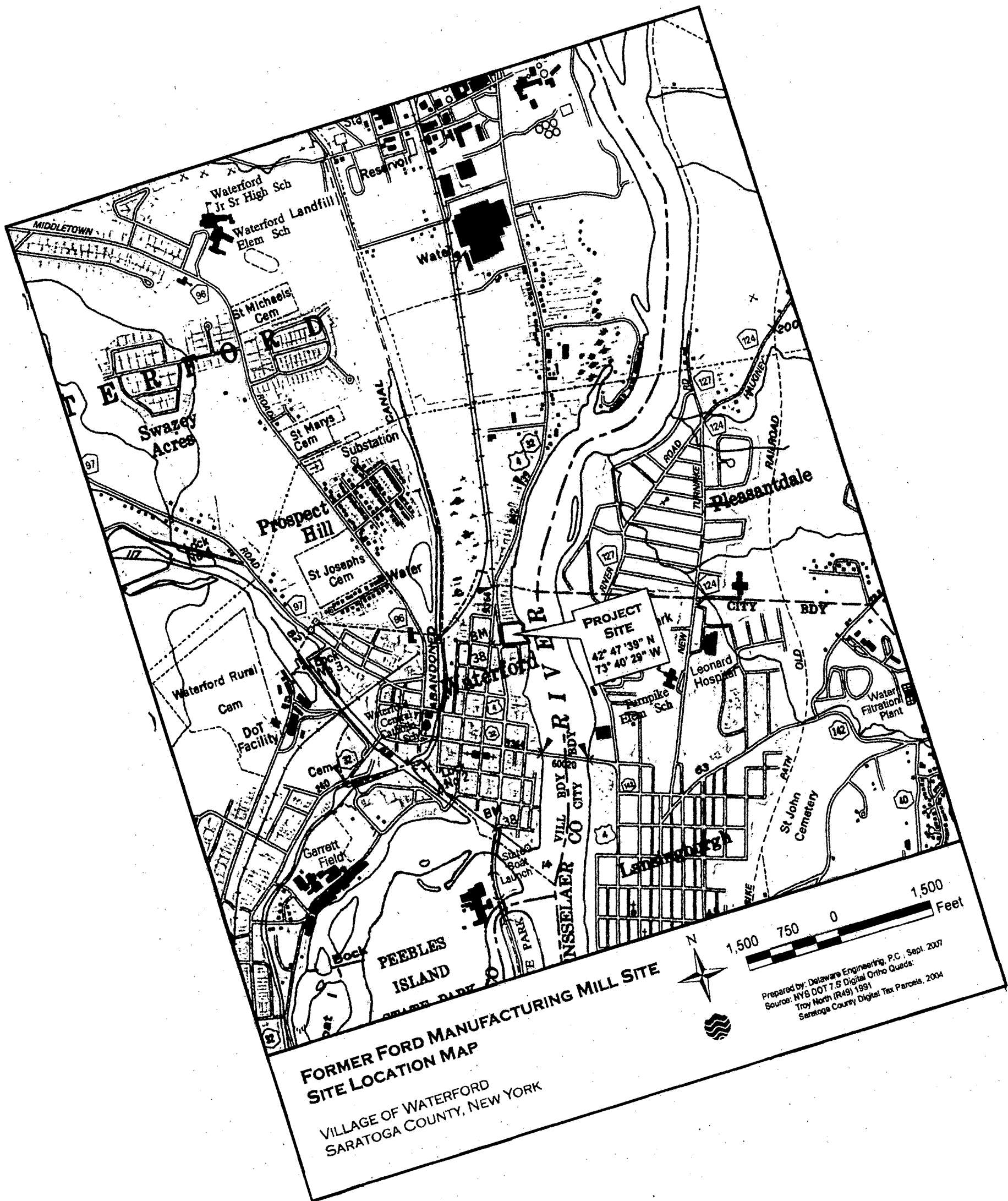
	Start Date	Stat.	End Date	Stat.	Rev. Start Date	Stat.	Rev. End Date	Stat.
Site Characterization	08/21/2008	ACT	02/28/2009	PLN	03/31/2009	PLN	02/28/2010	PLN

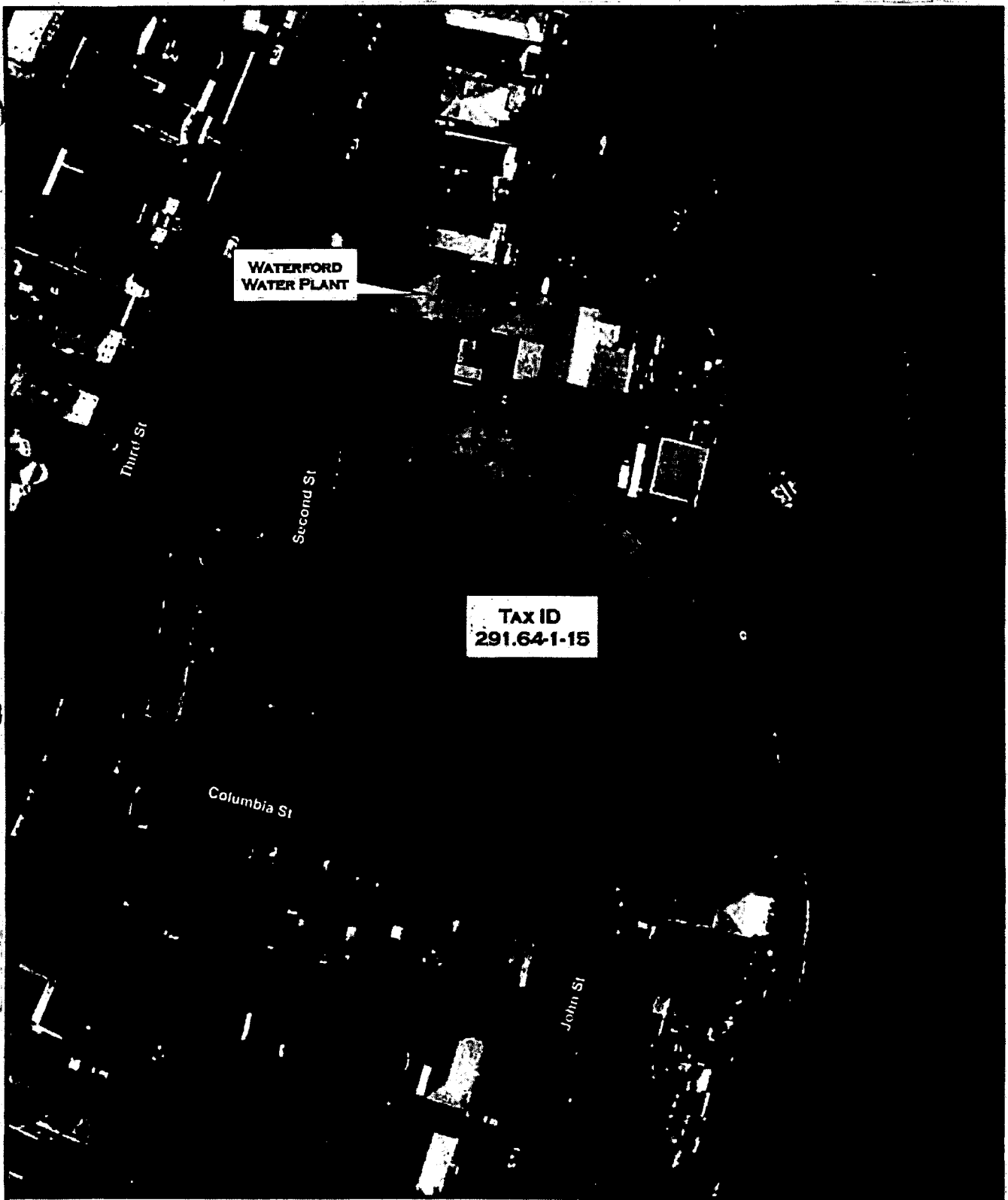
Remedial Investigation

Remedial Design

Remedial Action

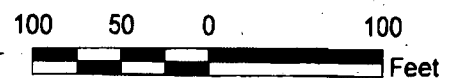
OM & M








**FORMER FORD MANUFACTURING MILL SITE
TAX PARCEL ID MAP**

VILLAGE OF WATERFORD
SARATOGA COUNTY, NEW YORK



Prepared by: Delaware Engineering, P.C., Sept. 2007
Source: NYS Digital Ortho Imagery, Spring 2004
Saratoga County Digital Tax Parcels, 2004

AUTHORIZED SIGNATURES

 Agency Head	Approve	<input checked="" type="checkbox"/>	Disapprove	<input type="checkbox"/>	Date:	JAN 21 2009
 Division of the Budget Signature	Approve	<input checked="" type="checkbox"/>	Disapprove	<input type="checkbox"/>	Date:	2.5.09
 State Operations Signature	Approve	<input checked="" type="checkbox"/>	Disapprove	<input type="checkbox"/>	Date:	2/6/09

From: Laurie Rizzo
To: Lagasse, Lisa
Date: 1/14/2009 1:42 PM
Subject: Fwd: 546053, Former Ford Manufacturing Company Mill Site, Waterford

Lisa, it is a TSA, the 9pt is correct and the info I gave you is accurate.

Laurie

>>> Russell Huyck 1/14/2009 1:38 PM >>>

>>> John Swartwout 11/6/2008 11:17 AM >>>

Mike-

I noticed in the Region 5 monthly report that the number \$50,000 is mentioned in connection with the planned Brownfield Targeted Site Assessment which EPA is funding through the grant to DEC. The budget available for this investigative work is actually \$150,000. I'm told that we will have access to these funds shortly, so you can start developing the scope of work for the standby contract work assignment.

John

From: Laurie Rizzo
To: Lagasse, Lisa
CC: Karwiel, Steve
Date: 1/14/2009 9:46 AM
Subject: Fwd: Re: work assignment att A

Lisa,

If a cost center is what you need, it's 677904 KE 86. If a grant number is what you need, it's, Brownfield State Response Grant, No. RP-98298003-5. If these don't answer your question, I'm available any time.

Region 9 has all the current sites for Targeted Site Assessment against this grant, and Steve is keeping a spreadsheet of costs. Would you please let both Steve and I know which site was approved for Attachment A, which contract, and the dollar amount?

Thank you

Laurie

From: Michael Cruden
To: Lisa Lagasse
Date: 1/13/2009 4:43 PM
Subject: Fwd: Re: work assignment att A

please see lorie and revise

>>> Donna Weigel 1/13/2009 4:41 PM >>>
then the funding source is incorrect. It should be Federal Capital Fund Brownfield grant. Lorie Rizzo can give you the grant number.

>>> Michael Cruden 1/13/2009 4:29 PM >>>
PM says it's an EPA funded targeted site assessment

>>> Donna Weigel 1/13/2009 4:26 PM >>>
Funding source has ACT should be Account could be confusing. Also it says it is for TSA. This is not for a TSA funded from the BOA grant is it? otherwise, why are we calling it TSA.

>>> Michael Cruden 1/13/2009 4:03 PM >>>
Andria,

Here's attachment A for engineering standby work assignment. Please forward to the Attachment A mailbox from Dale and copy me.

Thanks,

Mike

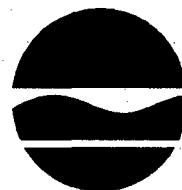
New York State Department of Environmental Conservation

Office of Environmental Quality, Region 5

1115 NYS Route 86, PO Box 296, Ray Brook, New York 12977

Phone: (518) 897-1241/1242 • FAX: (518) 897-1245

Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

MEMORANDUM

TO: Michael Cruden, Chief, Contracts and Payments Section, DER
FROM: Russell Huyck, Region 5 Remediation Engineer By Mike McLean through Chittibabu Vasudevan, Bureau A Director
RE: **Work Assignment Issuance Request, Site Number 546053**
Former Ford Manufacturing Company Mill Site, Waterford, Saratoga Co.

DATE: January 8, 2009

Site Name and Number, Location:

Former Ford Manufacturing Company Mill Site, Site #546053, 121-125 2nd Street, Waterford, Saratoga County

Site Information:

See attached copy of UIS report.

Conflict of Interest:

See attached list of Owners/Operators.

Work Element:

Site Characterization

Duration:

18 months

Estimated Budget:

\$150,000

Funding Source:

Federal Grant (EPA Targeted Site Assessment)

Brief Description of Scope of Work:

Perform a Targeted Site Assessment/Site Characterization of the 2.46 acre location. A limited Phase II performed at the location identified a 20,000 gallon petroleum UST and significant petroleum contaminated soils on site. A copy of the completed Work Plan Template is attached, proposed work includes a GPR survey, test pitting, monitoring well installation, soil and groundwater sampling, and report preparation.

Attachments

ec:	D. Desnoyers, Division Director	R. Huyck, Regional Manager
	S. Ervolina, Assistant Division Director	M. McLean, Project Manager
	D. Weigel, BPM Bureau Director	
	C Vasudevan, Bureau Director	
	J. Swartwout, Section Chief	