

00-00-103 (6/78)



New York State Department of Environmental Conservation

MEMORANDUM

TO:
FROM:
SUBJECT.

DATE:

workplan.hw.828122.2011-08-16.D006130-24_HRP.pdf

New York State Department of Environmental Conservation

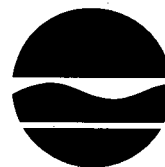
Division of Environmental Remediation

Bureau of Program Management, 12th Floor

625 Broadway, Albany, New York 12233-7012

Phone: (518) 402-9764 • **Fax:** (518) 402-9722

Website: www.dec.ny.gov



Joe Martens
Commissioner

August 16, 2011

100268 09

Nancy Garry, P.E.
HRP Associates, Inc
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

RE: Schedule 2.11s Approval
Contract/WA No.: D006130-24
Site/Spill Name: Barthlemes Mfg Site
Site/Spill No./PIN: 828122
Work Element: RI/FS

Dear Ms. Garry:

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 \$265,484. 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, Jason Pelton, at (518) 402-9814.

Sincerely,

for Eric R. Obrecht, P.E.
Chief

Contracts and Payments Section
Bureau of Program Management
Division of Environmental Remediation

ec: J. Pelton
P. Kappeller
D. Desnoyer
R. Schick
D. Weigel
M. Cruden
J. White
B. Putzig
D. Finlayson
T. Wolosen
M/WBE Unit

bec: E. Obrecht
L.Lewis

HRP Associates, Inc.

Creating the Right Solutions Together

July 26, 2010

Patricia Kappeller
NYS Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management
625 Broadway, 12th Floor
Albany, NY 12233-7012

**RE: HRP ENINGEERING P.C., D006130
WORK ASSIGNMENT #24
Barthlemes Remedial Investigation/ Feasibility Study
SUBMISSION OF WORK ASSIGNMENT BUDGET – 2.11's**

Dear Ms. Kappeller:

HRP Engineering P.C. (HRP) was issued work assignment number sixteen on May 9, 2011 for a Remedial Investigation and Feasibility Study of Barthlemes Manufacturing located at 15 Cairn Street in the City of Rochester, Monroe County, New York.

As per HRP Engineering P.C. (HRP) stand-by services contract D006130, HRP is submitting the work assignment budget for the above referenced site. HRP has followed the NYS procurement procedures to obtain the correct number of bids for each service needed to complete the work assignment as described in the work plan template included in the WA issuance/ notice to proceed letter from the NYSDEC. Also included as an attachment to this letter is the subcontractor certification forms. The work assignment will take two fiscal years due to the large volume of field work.

HRP's final budget for D006230-24 is \$265,484. HRP obtained quotes from minority, women owned businesses to comply with percentages in the contract. Based on the procurement process, HRP obtained the lowest bidder for each service, which was not always the W/MBE business. HRP is utilizing a women owned business for data validation to comply with percentages our contract.

HRP anticipates the financial expenditures for FY 2011/2012 to be \$264,636.00 and for FY 2012/2013 to be \$100,000.00.

If you have questions or comments, please feel free contact me at (518) 877-7101.

Sincerely,

HRP Associates, Inc.
dBA HRP Engineering PC



Nancy Garry, PE

Attachments

CONNECTICUT

197 Scott Swamp Road
Farmington, CT 06032
800-246-9021
860-674-9570
FAX 860-674-9624

999 Oronoque Lane, Suite 102
Stratford, CT 06825
203-380-1395
FAX 203-380-1438

FLORIDA

2435 US Highway 19
Suite 550
Holiday, FL 34691
888-477-1877
813-975-7178
FAX 813-975-7170

NEW YORK

1 Fairchild Square
Suite 110
Clifton Park, NY 12065
888-823-6427
518-877-7101
FAX 518-877-8561

SOUTH CAROLINA

1327 Miller Road
Suite D
Greenville, SC 29607
800-752-3922
864-289-0311
FAX 864-281-9846

www.hrpassociates.com

Schedule 2.11(a)

Summary of Work Assignment Price

Work Assignment Number: D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	<u>\$45,592</u>
2) Indirect Costs (Schedule 2.10(g))	<u>\$52,431</u>
3) Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	<u>\$45,472</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) Schumaker Consulting & Engineer	well surveying	\$10,388
A) Total Cost-Plus-Fixed-Fee Subcontracts		<u>\$10,388</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) TestAmerica	Laboratory	\$32,040
ii) Nancy Potak (WBE)	Data Validator	\$4,724
iii) Nothnagle Drilling, Inc.	MW drilling	\$32,061
iv) SJB	Geoprobe	\$13,415
v) Columbia Analytical Services	Soil vapor analysis	\$2,724
vi) TBD	Drummed waste disposal	\$5,100
vii) Natures Way	Excavation	\$2,800
viii) Lu Engineers	GPR and Line tracing	\$3,255
B) Total Unit Price Subcontracts		<u>\$96,119</u>

5) Subcontract Management Fee	<u>\$4,112</u>
6) Total Subcontract Costs (lines 4A + 4B + 5)	<u>\$110,619</u>
7) Fixed Fee (Schedule 2.10(h))	<u>\$11,371</u>
8) Total Work Assignment Price (Lines 1 + 2 + 3 + 6 + 7)	<u>\$265,484</u>

Engineer/Contract # D006130
 Project Name RJ/FS of Barthalemes Manufacturing Site, Rochester, NY
 Work Assignment No. WA#24

Date Prepared: _____

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

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin. Support	Total No. of Direct Labor Hrs.
Task 1 Preliminary Activities	0	0	0	4	0	0	0	0	0	0	4
Task 2 RI Phase- Investigative Activities	0	0	0	6	4	0	4	4	0	0	18
Task 3 Remedial Activities	0	0	0	7	4	0	4	3	0	0	18
Task 4 Final Report	0	0	0	7	4	0	4	3	0	0	18
TOTAL HOURS	0	0	0	24	12	0	12	10	0	0	58

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

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

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

Contract/Project Administration hours would not include:

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

Engineer/Contract # D006130
 Project Name RI/FS of Barthalemes Manufacturing Site, Rochester, NY
 Work Assignment No. WA#24

Date Prepared: _____

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Tech. Support		Admin Support		Total No. of Direct Labor Hours and Costs Budgeted	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
*Av. Salary Rate (\$) _____ Year 2011 /2012	\$68.09		\$43.51		\$38.80		\$33.34		\$29.20		\$26.01		\$24.31		\$20.89		\$18.99		\$0.00		\$0.00		0	
Task 1 Preliminary Activities		\$0	0	\$0		\$0	40	\$1,334	0	\$0		\$0	60	\$1,459	20	\$418	15	\$285		\$0		\$0	135	\$3,495
Task 2 RI Phase- Field Activities		\$0	0	\$0		\$0	45	\$1,500	0	\$0		\$0	350	\$8,509	800	\$16,712	10	\$190		\$0		\$0	1205	\$26,911
Task 3 Remedial Activities		\$0	0	\$0		\$0	25	\$834	0	\$0		\$0	60	\$1,459	65	\$1,358	10	\$190		\$0		\$0	160	\$3,840
Task 4 Final Report		\$0	0	\$0		\$0	0	\$0	0	\$0		\$0	0	\$0	0	\$0	0	\$0		\$0		\$0	0	\$0
Total Hours	0		0		0		110		0		0		470		885		35		0		0		1500	
Total Direct Labor Cost (\$) Year 2011 /2012		\$0		\$0		\$0		\$3,667		\$0		\$0		\$11,426		\$18,488		\$665		\$0		\$0		\$34,245
Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Tech. Support		Admin Support		Total No. of Direct Labor Hours and Costs Budgeted	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
*Av. Salary Rate (\$) _____ Year 2012 /2013	\$70.13		\$44.82		\$39.96		\$34.34		\$30.08		\$26.79		\$25.04		\$21.51		\$19.56		\$0.00		\$0.00		0	
Task 4 Final Report	2	\$140	8	\$359		\$0	100	\$3,434	0	\$0		\$0	225	\$5,634	60	\$1,291	25	\$489		\$0		\$0		\$11,346
Total Hours	2		8		0		100		0		0		225		60		25		0		0		420	
Total Direct Labor Cost (\$) Year 2012 /2013		\$140		\$359		\$0		\$3,434		\$0		\$0		\$5,634		\$1,291		\$489		\$0		\$0		\$11,346
Total Hours for work assignment	2		8		0		210		0		0		695		945		60		0		0		1920	
Total Direct Labor Cost for work assignment		\$140		\$359		\$0		\$7,101		\$0		\$0		\$17,060		\$19,778		\$1,154		\$0		\$0		\$45,592

Schedule 2.11 (c)

Direct Non-Salary Costs

Work Assignment Number D006130-24

RI/FS of Barthales Manufacturing Site, Rochester, NY

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost
A) Other			
TASK 1 (Preliminary Activities)			
1) Reproduction _ B&W 8x11	\$0.03 per copy	200	\$6.00
2) Reproduction _ B&W 11x17	\$0.07 per copy	25	\$1.75
3) Reproduction _ Color 8x11	\$0.50 per copy	0	\$0.00
Total for Task 1A			\$7.75
TASK 2 (RI Phase- Field Activities)			
1) Reproduction _ B&W 8x11	\$0.03 per copy	200	\$6.00
2) Reproduction _ B&W 11x17	\$0.07 per copy	20	\$1.40
3) Reproduction _ Color 8x11	\$0.50 per copy	10	\$5.00
Total for Task 2A			\$12.40
TASK 3 (Remedial Activities)			
1) Reproduction _ B&W 8x11	\$0.03 per copy	60	\$1.80
2) Reproduction _ B&W 11x17	\$0.07 per copy	15	\$1.05
3) Reproduction _ Color 8x11	\$0.50 per copy	10	\$5.00
Total for Task 3A			\$7.85
TASK 4 (Final Report)			
1) Reproduction _ B&W 8x11	\$0.03 per copy	400	\$12.00
2) Reproduction _ B&W 11x17	\$0.07 per copy	40	\$2.80
3) Reproduction _ Color 8x11	\$0.50 per copy	20	\$10.00
4) Reproduction _ Color 11x17	\$1.00 per copy	10	\$10.00
6) Fed Ex / mailing	\$22.00 shipment	5	\$110.00
Total for Task 4A			\$144.80
B) Miscellaneous			
TASK 1 (Preliminary Activities)			
1) PPE (level D)	\$15.00 per man/per day	3	\$45
Total for Task 1B			\$45
TASK 2 (RI Phase- Field Activities)			
1) PPE (level D)	\$15.00 per man/per day	127	\$1,905
2) PPE (level C)	\$30.00 per man/per day	20	\$600
3) LVE	\$0.80 per person-field	930	\$744
Total for Task 2B			\$3,249
TASK 3 (Remedial Activities)			
1) PPE (level D)	\$15.00 per man/per day	10	\$150
2) PPE (level C)	\$30.00 per man/per day	4	\$120
3) LVE	\$0.80 per person-field	30	\$24
Total for Task 3B			\$294
C) Travel			
TASK 1 (Preliminary Activities)			
1) Tolls - round trip	\$20.00 per trip	3	\$60
1) Meals	\$35 per day	3	\$105
2) Meals - per diem	\$51 per day	3	\$153
2) Mileage - round trip	\$0.550 per mile	1200	\$660
6) Lodging	\$96 per day	3	\$288
Total for Task 1C			\$1,266
TASK 2 (RI Phase- Field Activities)			
1) Meals	\$35 per day	30	\$1,050
2) Meals - per diem	\$51 per day	78	\$3,978
3) Gas rental/vehicles	\$80.00 per trip	3	\$240
4) Vehicle rental	\$60.00 per day	3	\$180
5) Vehicle rental -per week	\$60.00 per week	0	\$0
6) Lodging	\$96 per day	90	\$8,640
7) Mileage	\$0.550 per mile	9600	\$5,280
8) Tolls	\$20.00 per trip	24	\$480
Total for Task 2C			\$19,848
TASK 3 (Remedial Activities)			
1) Meals	\$35 per day	5	\$175
2) Meals - per diem	\$51 per day	8	\$408
3) Lodging	\$96 per day	8	\$768
4) Gas rental/vehicles	\$80.00 per trip	3	\$240
5) Vehicle rental	\$60.00 per day	5	\$300
6) Tolls	\$20.00 per trip	3	\$60

7) Mileage	\$0.550 per mile	1200	\$660
		Total for Task 3C	\$2,611

Total Direct Non-Salary Costs	\$27,486
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Schedule 2.11(d) 3
RI/FS of Barthalemes Manufacturing Site, Rochester, NY
Work Assignment Number: D006130-24
Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max Reimbursement Rate	Unit	Shipping charges (round trip)	Est. Usage (unit of time)	Est. Rental Cost
PID Mini RAE2000 w/10.6 eV lamp	\$200.00	per week	\$80.00	15	\$4,200.00
Dust TRAK 8520 Aerosol Monitor -2 units (\$300wk/per unit)	\$600.00	per week	\$150.00	5	\$3,750.00
Dust TRAK Tripod & enclosure (2 units- upwind & downw)	\$90.00	per week	\$50.00	5	\$700.00
Weather Station	\$135.00	per week	\$50.00	5	\$925.00
Solinst Model 122 Interface Probe (150' length)	\$110.00	per day	\$50.00	10	\$1,600.00
Honda EU2000I Generator	\$180.00	per week	\$0.00	1	\$180.00
Bosch Hammer Drill w/ 1.5" by 16" bit	\$100.00	per day	\$0.00	2	\$200.00
PID ppbRAE w/10.6 eV lamp	\$150.00	per day	\$80.00	3	\$690.00
Horiba U-22 water quality meter	\$150.00	per day	\$80.00	10	\$2,300.00
				Sub-total :	\$14,545
				Tax:	\$1,236
				TOTAL:	\$15,781

Schedule 2.11(d) 5

RI/FS of Barthalemes Manufacturing Site, Rochester, NY

Work Assignment No.: D006130-24

Maximum Reimbursement Rate for Consumables

Item	Estimated Quantity	Unit Cost (\$)	Total Budgeted Cost (Col 2 x 3) (\$)
Ice (1 pound bags)	25	\$3.00	\$75.00
Health & safety items (e.g., drinks and water)	15	\$45.00	\$675.00
Health & safety items (cups)	4	\$7.00	\$28.00
Safety Gloves (boxes)	8	\$10.00	\$80.00
Tubing (Soil Vapor)	2	\$100.00	\$200.00
Traffic Cones	10	\$10.00	\$100.00
Ziploc bags	8	\$4.00	\$32.00
Draeger Tubes	10	\$6.00	\$60.00
Tyvek Protective Clothing	8	\$35.00	\$280.00
Respirator Cartridges	8	\$30.00	\$240.00
Locks	30	\$14.50	\$435.00
		TOTAL:	<u>\$2,205.00</u>

**D006130-24 NYSDEC STANDBY ENGINEERING CONTRACT
BARTHELEMES SITE, FIELD SERVICES, MONROE COUNTY, NEW YORK
SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, P.C.**

**Schedule 2.11 (e)
Cost-Plus-Fixed-Fee Subcontract**

Name of Subcontractor	Service to be Performed	Subcontract Price
Shumaker (WBE)	Site Investigation	\$10,388

A) Direct Salary Costs

Professional Responsibility Level	Labor Classification	Avg. Reimburse ment 2010 Rate (\$/Hr.)	Field	Office	Total Estimated Hours	Total Est. Direct Salary Cost (Max. Reimb. Rate x Est. # of Hrs.)
			Survey Hours	Est. Hours		
Land Surveyor III	VIII	\$53.50	0	0	0	\$ -
Land Surveyor II	V	\$35.25	2	4	6	\$ 211.50
Sr. Eng. Technician	III	\$24.91	2	10	12	\$ 298.92
Eng. Technician	II	\$19.45	2	4	6	\$ 116.70
Party Chief (Field)	III	\$26.10	40	0	40	\$ 1,044.00
Instrument Person (Field)	II	\$19.46	40	0	40	\$ 778.40
Total Direct Salary Costs						\$2,449.52

Footnotes:

- 1) Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum for each labor category.
- 2) The average rates in each labor category can be modified only by mutual written agreement and approved by both the Department and the Comptroller.
- a) Horizontal and vertical survey control will be established on site utilizing GPS equipment and procedures.
- b) Horizontal survey datum will be North American Datum of 1983 (NAD 83), New York State Plane Western Zone.
- c) Vertical survey datum will be North American Vertical Datum of 1988 (NAVD 88).
- d) Horizontal and vertical (elevations) coordinates will be provided for approximately 120 locations, consisting of monitoring wells, soil borings, test pits, and vapor points.
- e) No monitoring well inverts will be required.
- f) Project deliverables will include a table of monitoring wells and sample area locations in an X-Y-Z format.
- g) Topographic survey and mapping will not be required and has not been included in this estimate.
- h) Boundary survey and mapping will not be required and has not been included in this estimate.
- i) Construction stakeout will not be required and has not been included in this estimate.

B) Indirect Costs

Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum of 149.48 % or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.
Amount budgeted for indirect costs is:

\$ 3,661.54

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Max. Reimburse ment			Total Est. No. Of Units	Total Est. Cost
	Rate	Specify Unit	(Units)		
Per Diem, Monroe County	\$147.00	per night	8	8	\$ 1,176.00
Misc. Supplies	\$25.00			0	\$ -
Mileage	\$0.55	per mile	400	400	\$ 220.00
Tolls	\$10.00	per Trip	1	1	\$ 10.00
Prev. Wage/Supp. Bene. Diff	\$2,250.00	lump sum	1	1	\$ 2,250.00
Outsourced Repro-Deed, Maps	\$10.00	lumps sum	1	1	\$ 10.00
Total Direct Non-Salary Costs					\$ 3,666.00

D) Fixed Fee

The fixed Fee is: 10 %

\$611.11

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Nancy Potak (WBE)</u>	<u>Data Validation</u>	<u>\$4,724</u>	<u>\$236</u>

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
1) TCL VOCs +10, Cat B	\$20.00 per sample	100	\$2,000
2) TCL SVOCs +20, Cat B	\$28.00 per sample	10	\$280
3) TCL Pesticides/PCBs, Cat B	\$28.00 per sample	10	\$280
4) TAL metals, Cat B	\$14.00 per sample	50	\$700
5) Water VOCs 8260 Cat B	\$11.00 per sample	79	\$869
6) TAL metals, Cat B	\$14.00 per sample	40	\$560
7) TCLP for soil disposal	\$35.00 per sample	1	\$35

Subtotal-Subcontract Price

\$4,724

Subcontract Management Fee

\$236

TOTAL

\$4,960

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>TestAmerica</u>	<u>Laboratory Services</u>	<u>\$32,040</u>	<u>\$1,602</u>
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
1)	TCL VOCs +10, Cat B \$105.00 per sample	100	\$10,500
2)	TCL SVOCs +20, Cat B \$185.00 per sample	10	\$1,850
3)	TCL Pesticides/PCBs, Cat B \$115.00 per sample	10	\$1,150
4)	TAL metals, Cat B \$125.00 per sample	50	\$6,250
5)	VOCs 8260 Cat B \$85.00 per sample	79	\$6,715
6)	TAL metals, Cat B \$125.00 per sample	40	\$5,000
7)	TCLP for soil disposal \$575.00 per sample	1	\$575
Subtotal-Subcontract Price			<u>\$32,040</u>
Subcontract Management Fee			<u>\$1,602</u>
TOTAL			<u><u>\$33,642</u></u>

NOTES:

TCL SOIL = 81 samples = 16 new GW wells installed, 70 soil samples including test pits, 4 sediment samples, 2 surfac
2 trip blank, 3 rinsate blank, 2 MS, 2 MSD

VOC and TAL GW samples = 79 samples = 15 existing wells, 20 new wells, 2 events (only 1 event with metals)
2 trip blank, 3 rinsate, 2 MS, 2MSD

assumes 3 soil, 3 GW, 2 sediment, and 2 surface water samples for full analysis

e water samples, 2 events

Unit Price Subcontracts
Work Assignment Number D006130-11

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee	
<u>Lu Engineers</u>	<u>GPR Services</u>	<u>\$3,255</u>	<u>\$0</u>	
Item	Max. Reimbursement Rate	Unit	Est. No. of Units	Total Est. Cost
1) GPR service and pipe/line traci	1,085.00	per day	3	\$3,255
Assume 3 days needed				
Subtotal-Subcontract Price				<u>\$3,255</u>
Subcontract Management Fee				<u>\$0</u>
TOTAL				<u><u>\$3,255</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

Name of Subcontractor SJB	Services to be Performed <u>Geoprobe Services</u>	Subcontract Price <u>\$13,415</u>	Management Fee <u>\$671</u>
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Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
1) Mob-Demob geoprobe	\$ 300.00 lumpsum	1	\$300
1) Mob-Demob coring machine	\$ 200.00 lumpsum	1	\$200
2) Geoprobe sampling	\$ 1,100.00 per day	10	\$11,000
3) 2" diameter PVC well materials for geoprobe holes	\$ 9.00 foot	60	\$540
4) Installation of 8" flush mounted casing	\$ 250.00 each	3	\$750
5) Development time, standby time, or decon	\$ 150.00 hour	2	\$300
6) 55 gallon drums	\$ 65.00 each	5	\$325

Assume that 5 drums will be needed based on the number of probe points and wells being installed

Subtotal-Subcontract Price	<u>\$13,415</u>
Subcontract Management Fee	<u>\$671</u>
TOTAL	<u><u>\$14,086</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>Nothnagle Drilling, Inc.</u>		<u>Drilling Services</u>		<u>\$32,061</u>	<u>\$1,603</u>
Item		Max. Reimbursement Rate	Units	Est. No. of Units	Total Est. Cost
1)	Mobilization & Demobilization	\$3,000.00	Lump Sum	1	\$3,000
2)	Overtime (> 8 Hours onsite) - Driller	\$82.50	Hour	0	\$0
3)	Helper OT (>8hrs Onsite)	\$75.00	Hour	0	\$0
4)	Stand-by time	\$185.00	Hour	0	\$0
5)	4.25" Auger (0-50')	\$12.00	Lin Ft	325	\$3,900
6)	6.25" Auger (0-50')	\$14.00	Lin Ft	100	\$1,400
7)	2" Split Spoon (0-50')	\$12.00	Each	221	\$2,652
8)	4" Air Hammer (0-50')	\$22.00	Lin Ft	80	\$1,760
9)	4" steel casing installed (grouted with	\$22.00	Lin Ft	120	\$2,640
10)	2-inch Sch 40 PVC riser pipe (0-50')	\$12.00	Lin Ft	150	\$1,800
11)	2-inch Sch 40 PVC, #10 slot screen (<10	\$15.00	Lin Ft	130	\$1,950
12)	Install filter pack for 2-inch well (<100')	\$9.00	Lin Ft	306	\$2,754
	Install bentonite filter pack for 2-inch				
13)	well (<100')	\$26.00	Lin Ft	26	\$676
14)	Riser backfill for 2-inch well (<100')	\$8.00	Lin Ft	78	\$624
15)	8" curb boxes, installed	\$195.00	Each	17	\$3,315
16)	Develop well by airlift method	\$150.00	Hour	4	\$600
17)	Decontamination pad construction	\$250.00	Lump Sum	1	\$250
18)	Equipment decontamination	\$150.00	Hour	8	\$1,200
19)	New DOT 55-gallon drum	\$45.00	Each	52	\$2,340
20)	Moving 55-gallon drums to borehole; filling, transporting and staging of	\$150.00	Hour	8	\$1,200
Subtotal-Subcontract Price					<u>\$32,061</u>
Subcontract Management Fee					<u>\$1,603</u>
TOTAL					<u><u>\$33,664</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>	<u>Management Fee</u>
<u>Colombia Analytical Services</u>	<u>Soil Gas analysis</u>	<u>\$2,724</u>	<u>\$0</u>
<u>Item</u>	<u>Max. Reimbursement Rate (Specify Unit)</u>	<u>Est. No. of Units</u>	<u>Total Est. Cost</u>
1) TO-15, Category B (price includes canister and regulator) (price for just analysis is \$152)	\$227 per sample	12	\$2,724 \$0
Subtotal-Subcontract Price			<u>\$2,724</u>
Subcontract Management Fee			<u>\$0</u>
TOTAL			<u><u>\$2,724</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>Natures Way</u>		<u>Test Pits / Excavation</u>		<u>\$2,800</u>	<u>\$0</u>
Item		Max. Reimbursement Rate	Unit	Est. No. of Units	Total Est. Cost
1)	Mobilization / demobilization test pits	\$400.00	lump sum	1	\$400
2)	Installation of test pits	\$800.00	per day	3	\$2,400
3)					
4)					
5)					
6)					
7)					
8)					
9)					
Subtotal-Subcontract Price					<u>2,800.00</u>
Subcontract Management Fee					<u>\$0</u>
TOTAL					<u><u>\$2,800</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number D006130-24

Remedial Investigation/ Feasibility Study of Barthelmes Manufacturing Site, Rochester, NY

Name of Subcontractor <u>TBD</u>	Services to be Performed <u>Waste disposal</u>	Subcontract Price <u>\$5,100</u>	Management Fee <u>\$0</u>
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
1)	Disposal cost 55 gal. drum, haz waste \$300.00 per drum	5	\$1,500
2)	Disposal cost 55 gal. drum, non-haz waste \$85.00 per drum	30	\$2,550
3)	Pick up fee \$525.00 per trip	2	\$1,050

**Based on engineers cost estimate from previous projects involving similar chemical compounds

Subtotal-Subcontract Price	<u>\$5,100</u>
Subcontract Management Fee	<u>\$0</u>
TOTAL	<u><u>\$5,100</u></u>

Schedule 2.11 (g) - Summary

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

Engineer HRP Engineering P.C.
Contract No. D006130
Project Name RI/FS of Barthalemes Manufacturing Site, Rochester, NY
Work Assignment No. 24
Task #/Name Summary
Complete 0%

Page 1 of 7
Date Prepared _____
Billing Period _____
Invoice No. _____
CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$45,592	\$45,592	\$45,592	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$52,431	\$52,431	\$52,431	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$98,022	\$98,022	\$98,022	\$0
4. Travel	\$0	\$0	\$0	\$0	\$23,725	\$23,725	\$23,725	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$21,747	\$21,747	\$21,747	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$45,472	\$45,472	\$45,472	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$106,507	\$106,507	\$106,507	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$4,112	\$4,112	\$4,112	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$254,114	\$254,114	\$254,114	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$11,371	\$11,371	\$11,371	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$265,484	\$265,484	\$265,484	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

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

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name RI/FS of Barthalemes Manufacturing Site, Rochester, NY
 Work Assignment No. 24
 Task #/Name Task 1 - Preliminary Activites
 Complete 0%

Page 2 of 7
 Date Prepared _____
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$3,495	\$3,495	\$3,495	\$0
2. Indirect Costs - %	\$0	\$0	\$0	\$0	\$4,019	\$4,019	\$4,019	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$7,514	\$7,514	\$7,514	\$0
4. Travel	\$0	\$0	\$0	\$0	\$1,266	\$1,266	\$1,266	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$53	\$53	\$53	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$1,319	\$1,319	\$1,319	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$8,833	\$8,833	\$8,833	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$872	\$872	\$872	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$9,704	\$9,704	\$9,704	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

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

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name RI/FS of Barthalemes Manufacturing Site, Rochester, NY
 Work Assignment No. 24
 Task #/Name Task 2 - RI Phase- Field Activities
 Complete 0%

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 Date Prepared _____
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$26,911	\$26,911	\$26,911	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$30,947	\$30,947	\$30,947	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$57,858	\$57,858	\$57,858	\$0
4. Travel	\$0	\$0	\$0	\$0	\$19,848	\$19,848	\$19,848	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$20,748	\$20,748	\$20,748	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$40,596	\$40,596	\$40,596	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$106,507	\$106,507	\$106,507	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$4,112	\$4,112	\$4,112	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$209,073	\$209,073	\$209,073	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$6,712	\$6,712	\$6,712	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$215,784	\$215,784	\$215,784	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

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

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name RI/FS of Barthalemes Manufacturing Site, Rochester, NY
 Work Assignment No. 24
 Task #/Name Task 3 - Remedial Activities
 Complete 0%

Page 4 of 7
 Date Prepared _____
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$3,840	\$3,840	\$3,840	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$4,416	\$4,416	\$4,416	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$8,256	\$8,256	\$8,256	\$0
4. Travel	\$0	\$0	\$0	\$0	\$2,611	\$2,611	\$2,611	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$802	\$802	\$802	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$3,413	\$3,413	\$3,413	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$11,669	\$11,669	\$11,669	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$958	\$958	\$958	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$12,626	\$12,626	\$12,626	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

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

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name RI/FS of Barthalemes Manufacturing Site, Rochester, NY
 Work Assignment No. 24
 Task #/Name Task 4 -Final Report
 Complete 0%

Page 5 of 7
 Date Prepared _____
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$11,346	\$11,346	\$11,346	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$13,048	\$13,048	\$13,048	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$24,395	\$24,395	\$24,395	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$145	\$145	\$145	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$145	\$145	\$145	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$24,540	\$24,540	\$24,540	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$2,830	\$2,830	\$2,830	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$27,369	\$27,369	\$27,369	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g) - Supplemental

Cost Control Report for Subcontracts

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name RI/FS of Barthales Manufacturing Site, Rochester, NY
 Work Assignment No. 24

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 Date Prepared _____
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Subcontract Name</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>
	<i>Subcontract Costs Claimed this Application Inc. Resubmittals</i>	<i>Subcontract Costs Approved for Payment on Previous Applications</i>	<i>Total Subcontract Costs to Date (A plus B)</i>	<i>Subcontract Approved Budget</i>	<i>Management Fee Budget</i>	<i>Management Fee Paid</i>	<i>Total Costs to Date (C plus F)</i>
1. TestAmerica	\$0	\$0	\$0	\$32,040	\$1,602	\$0	\$0
2. Nancy Potak (WBE)	\$0	\$0	\$0	\$4,724	\$236	\$0	\$0
3. Nothnagle Drilling, Inc. (WBE)	\$0	\$0	\$0	\$13,415	\$671	\$0	\$0
4. SJB	\$0	\$0	\$0	\$32,061	\$1,603	\$0	\$0
5. Columbia Analytical Services	\$0	\$0	\$0	\$2,724	\$0	\$0	\$0
6. TBD	\$0	\$0	\$0	\$5,100	\$0	\$0	\$0
7. TBD	\$0	\$0	\$0	\$2,800	\$0	\$0	\$0
8. Lu Engineers	\$0	\$0	\$0	\$3,255	\$0	\$0	\$0
TOTALS	\$0	\$0	\$0	\$96,119	\$4,112	\$0	\$0

Project Manager: _____

Date: _____

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

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

Page 7 of 7

Engineer/Contract # HRP Engineering P.C. /D006130
 Project Name RI/FS of Barthalemes Manufacturing Site, Rochester, NY
 Work Assignment No. 24

Date Prepared _____
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>NSPE Labor Classification</i>	<i>IX Exp/Est</i>	<i>VIII Exp/Est</i>	<i>VII Exp/Est</i>	<i>VI Exp/Est</i>	<i>V Exp/Est</i>	<i>IV Exp/Est</i>	<i>III Exp/Est</i>	<i>II Exp/Est</i>	<i>I Exp/Est</i>	<i>Admin.</i>	<i>Total No. of Direct Labor Hrs. Exp/Est</i>
Task 1	0 / 0	0 / 0	0 / 0	0 / 40	0 / 0	0 / 0	0 / 60	0 / 20	0 / 15	0 / 0	0 / 135
Task 2	0 / 0	0 / 0	0 / 0	0 / 45	0 / 0	0 / 0	0 / 350	0 / 800	0 / 10	0 / 0	0 / 1205
Task 3	0 / 0	0 / 0	0 / 0	0 / 25	0 / 0	0 / 0	0 / 60	0 / 65	0 / 10	0 / 0	0 / 160
Task 4	0 / 2	0 / 8	0 / 0	0 / 100	0 / 0	0 / 0	0 / 225	0 / 60	0 / 25	0 / 0	0 / 420
Total Hours	0 / 2	0 / 8	0 / 0	0 / 210	0 / 0	0 / 0	0 / 695	0 / 945	0 / 60	0 / 0	0 / 1920

* Expended/Estimated

Project Manager: _____

Date: _____

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Barthelmes Manufacturing Site

Site/Spill Number 828122 Contract/WA # D006130-24

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.

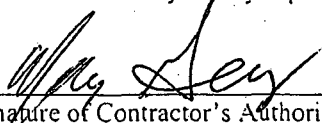
Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes and an engineer's estimate to support cost reasonableness.

- 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).

<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>
SJB Services, Inc.	(716) 649-8110	7/22/11	\$13,090.00
Aztech Technologies, Inc.	(518) 885-5383	6/29/11	\$18,121.80
Zebra Environmental Corp.	(716) 297-6567	7/13/11	\$20,525.00

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. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

	<u>7/29/11</u>
Signature of Contractor's Authorized Representative	Date
<u>HRP Engineering, P.C.</u>	<u>D006130-24</u>
Contractor Name	Contract/WA No.
<u>SJB Services, Inc.</u>	
Subcontractor Name	

Rev. 09/28/10

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Bartheles Manufacturing Site

Site/Spill Number 828122 Contract/WA # D006130-24

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
Test America	(518) 438-8140	7/20/11	\$ 38,130.00

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. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

	<u>7/29/11</u>
Signature of Contractor's Authorized Representative	Date
<u>HRP Engineering, P.C.</u>	<u>000130-24</u>
Contractor Name	Contract/WA No.
<u>Test America - Lab</u>	
Subcontractor Name	

Rev. 09/28/10

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Barthelmes Manufacturing Site

Site/Spill Number 828122 Contract/WA # D006130-24

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).

<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>
Columbia Analytical Services	(800) 645-7222	7/20/11	\$2,724.00

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

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Site/Spill Number 828122 Contract/WA # D006130-24

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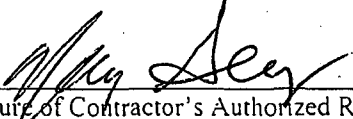
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Subcontractor/Subconsultant	Phone Number	Date	Price Quote
Pegasus Env. Company	(585) 279-0103	7/20/11	\$1,250.00
Lu Engineers	(585) 385-7417	7/22/11	\$1,085.00
Diversified Geophysics, Inc.	(516) 326-0586	7/16/11	\$2,000.00

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>).
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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).
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9. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.
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Signature of Contractor's Authorized Representative

7/29/11
Date

HRP Engineering, P.C.
Contractor Name

D006130-24
Contract/WA No.

Lu Engineers
Subcontractor Name

Rev. 09/28/10

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Barthelmes Manufacturing Site

Site/Spill Number 828122 Contract/WA # D006130-24

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Subcontractor/Subconsultant	Phone Number	Date	Price Quote
Northagle Drilling, Inc.	(585) 538-2328	7/15/11	\$ 32,061.00
Paratt-Wolff, Inc.	(800) 782-7260	7/14/11	\$ 43,060.00
Aquifer Drilling & Testing, Inc.	(518) 274-3949	7/14/11	\$ 37,560.00
Aztec Technologies, Inc.	(518) 885-5383	6/29/11	\$ 32,178.85
SJB Services, Inc.	(716) 649-8110	7/25/11	\$ 34,655.00

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Barthelmes Manufacturing Site

Site/Spill Number 828122 Contract/WA # D006130-24

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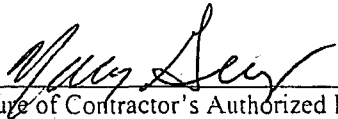
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Subcontractor/Subconsultant	Phone Number	Date	Price Quote
Nancy Potak (Data Validator)	(802) 533-9206	7/20/11	\$5,490.00

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.
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9. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

 7/29/11
Signature of Contractor's Authorized Representative Date

HRP Engineering, P.C. D006136-24
Contractor Name Contract WA No.

Nancy Potak - Data Validator
Subcontractor Name

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Barthelmes Manufacturing Site
Site/Spill Number 828 122 Contract/WA # D006130-24

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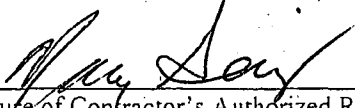
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<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>
Schmaker Consulting+Engineering	(518)452-5730	7/20/11	\$10,388.00

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:

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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.nv.us/agencies/ebull/e221.htm>
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Signature of Contractor's Authorized Representative

7/29/11
Date

HRP Engineering, P.C.
Contractor Name

DO06136-24
Contract WA No.

Schumaker Consulting + Engineering
Subcontractor Name

Cost Review for Schedule 2.11 Package

Contractor Name: *HRP Engineering, P.C.*

Date: *7/25/11*

WA # and Name: *DO06130-24, Site BA828122/Barthelemy Manufacturing*

Reviewer: *Nancy Garry-HRP*

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>w/mbe plan being emailed separately</i>
1	Cover Letter			
	Provides brief justification of the budget supported by the 2.11s.	✓		
	Anticipated completion date(s) for the work are included. For amendments, there is an explanation of how the submittal affects the existing schedule.	✓		
	Duration of anticipated work does not exceed the next fiscal year. (Work subsequent to that should be part of a future amendment or new work assignment.)	✓		
	If proposing work for multiple years, a brief justification is included.	✓		<i>Cover letter</i>
	Includes anticipated billings by State fiscal year. For amendments, both the unexpended budget and the new costs being added are identified.	✓		
	If an amendment, the current status of work (what's completed/billed, what remains) is provided.	N/A		
2	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 IX) labor hours charged to WA are less than 2% of the total.	✓		
	Total labor hours match hours on Schedule 2.11(h).	✓		
3	Schedule 2.11(b-1) - Direct Administrative Labor Hours			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance:	✓		
4	Schedule 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 misc. costs match contract Schedule 2.10(b) or 2.10(c) (2).	✓		
	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.	N/A		
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR. Field costs must be receipted.	✓		
	Appropriate lodging/per diem/mileage rates are used.	✓		
	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).	✓		
	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 the WA (such as blower purchased to upgrade SVE system).	✓		
	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).	✓		

5	Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts		
	Proposed subconsultant is on standby or has DEC-approved rates with another standby consultant. Otherwise, financial information required for cost analysis must be submitted.	✓	
	Standby subcontract is active and rates (salary, direct and indirect costs, and fixed fee) match contract rates.	✓	
	A breakdown of direct non-salary costs is provided.	✓	
	Total subcontract cost matches amount on Schedule 2.11(a).	✓	
	Subcontractor has justified/obtained adequate quotes for any further subcontracted work.	✓	
	Subcontractor certification(s) have been submitted.	✓	
6	Schedule 2.11(f) - Unit Price Subcontracts		
	There are quotes for non-standby subcontracts >\$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	✓	
	<i>Standby Drillers</i> (Two phase process) - Quotes from all standbys are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected. Explanation for declinations has been provided.	✓	
	<i>Standby Labs and Data Validators</i> (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).	N/A	
	Placeholders are used only for non-standby subcontractors.	✓	
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.	✓	
	Correct contract management fee is calculated only on non-professional unit priced subs >\$10k and M/WBE firms from \$1. (Management fee is not allowed on professional engineering firms, architects, or surveyors unless the contract specifically allows it.)	✓	
	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.	✓	
7	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).	✓	
8	Schedule 2.11(g) - Supplemental - Cost Control Report (subs)		
	Includes all applicable subcontracts and management fees (for unit price only).	✓	
9	Schedule 2.11(a)		
	Rates for indirect and fixed fee match contract rates.	✓	
	All numbers rolled up into Schedule 2.11(a) add up.	✓	

rev. 8.23.10