

workplan.hw.835013.2009-08-25.D004439-09\_MPI.pdf

**New York State Department of Environmental Conservation**

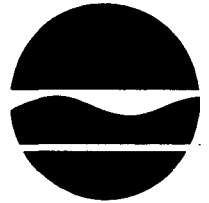
**Division of Environmental Remediation**

**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

August 25, 2009

Mr. Bruce Nelson  
Malcolm Pirnie, Inc.  
855 Route 146, Suite 210  
Clifton Park, NY 12065

**RE: Schedule 2.11s Approval  
Work Assignment #D004439-9.2  
Modock Road Springs  
Site #8-35-013**

Dear Mr. Nelson:

The New York State Department of Environmental Conservation's Division of Environmental Remediation hereby approves the enclosed Schedule 2.11s for the above-referenced work assignment (WA) amendment in the amount of \$21,049 for a total WA amount not to exceed \$618,986. Malcolm Pirnie may now submit a request for reimbursement for work completed under this WA.

If you have any questions regarding this WA, please contact the Project Manager, Jason Pelton, at (518) 402-9814.

Sincerely,

Michael J. Cruden, P.E.

Chief

Contracts & Payments Section

Bureau of Program Management

Enclosure

ec: bnelson@pirnie.com  
J. Pelton, PM  
L. Lewis, CM  
M. Cruden  
D. Desnoyers  
S. Ervolina  
D. Weigel  
R. Knizek  
J. White  
MWBE Unit  
D. Finlayson  
T. Wolosen

**From:** Jason Pelton  
**To:** Quinn, Karen  
**Date:** 8/24/2009 10:43 AM  
**Subject:** Re: Modock Road Springs 2.11s

Karen:

Thanks again for your help in processing the revised 2.11s for the Modock Road Springs site. I have reviewed and approve the amendment.

Thanks,

Jason

>>> Karen Quinn 8/12/2009 3:45 PM >>>

Jason,

Hope you had a wonderful vacation and hope you enjoy catching up on all your work. I thought I'd add to the pile...

While you were out, the approved Att. A for Modock Road Springs came back. Considering your WA had the least amount of money left in it (and because you're such a nice person), I moved yours to the top of the pile.

I've finished reviewing the 2.11s and have had Malcolm Pirnie make all necessary corrections. Attached is the final 2.11s for D004439.9-2.

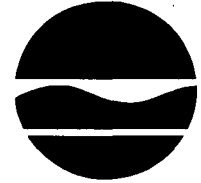
If you wouldn't mind looking them over to see if you're okay with them and sending me an email with your approval or denial, I'd appreciate it.

Thanks, Karen

Karen K. Quinn  
NYSDEC  
Div. of Environmental Remediation  
Bureau of Program Management  
625 Broadway, 12th Floor  
Albany, NY 12233-7012

518-402-9738 (desk)  
518-402-9764 (bureau)  
518-402-9722 (fax)

**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](http://www.dec.ny.gov)



Alexander B. Grannis  
Commissioner

August 12, 2009

Daniel Loewenstein, P.E.  
Malcolm Pirnie, Inc.  
43 British American Blvd.  
Latham, New York 121100

Re: Contract # D004439-9.2  
Counties: Ontario  
Modock Road Springs  
Minority and Women's Business Program

Dear Mr. Loewenstein:

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 is accepted.
- B. The firms listed on your Utilization Plan are NYS certified M/WBE's and can be used for goal crediting purposes (see UP for details).

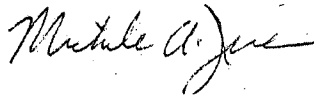
To be in compliance with the M/WBE-EEO program requirements, please ensure that the following procedures are followed:

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 (Malcolm Pirnie, Inc.) 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. That any changes in the contractor (Malcolm Pirnie, Inc.) M/WBE utilization plan herein determined to be acceptable should be brought to the attention of this office immediately.

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,



Michele June  
Contract Compliance Specialist 1

**New York State Department Of Environmental Conservation**

Office of Minority and Women's Business Program

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

Phone: 518.402.9311 Fax: 518.402.9230

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



Version 2.1

**Consultant / Contractor Detailed M/WBE-EEO Utilization Plan**

Contractor Name:

NYSDEC Contract No:  Contractor Federal ID:

Contract Start Date:  Contract End Date:  Date Submitted:

Contractor Address:

City:  State:  Zip Code:

Contractor E-mail:  Contractor Phone Number:

Contract Type:

Project Goals Based on:

Project County:

Authorized Representative Name:

Authorized Representative Title:

M/WBE Contract Summary	%	Amount	EEO Contract Summary	%	No of Employees
1. NYSDEC Contract Amount	(A)	<input type="text" value="\$7,000,000.00"/>	7. Total Employees in this project	100 %	<input type="text" value="1697"/>
2. Recipient Share (If Applicable)	(B)	<input type="text"/>	8. Total Goal -Minority Employees %	<input type="text" value="10"/>	<input type="text" value="169.7"/>
3. Total Project Amount (A + B) *	100 %	<input type="text" value="\$7,000,000.00"/>	9. Total Goal - Female Employees %	<input type="text" value="10"/>	<input type="text" value="169.7"/>
4. MBE Project Goal %	<input type="text" value="15."/>	<input type="text" value="\$1,050,000.00"/>	10. EEO Combined Totals %	<input type="text" value="20"/>	<input type="text" value="339.4"/>
5. WBE Project Goal %	<input type="text" value="5."/>	<input type="text" value="\$350,000.00"/>	* - Goals apply on Total Project Amount		
6. M/WBE Total %	<input type="text" value="20"/>	<input type="text" value="\$1,400,000.00"/>			

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

Job Categories	Total Count of Minority Employees	Breakdown of Total Count of Minority Employees by Gender		Breakdown of Total Count of Minority Employees by Ethnicity				
		Male	Female	African American	Asian	Native American	Hispanic	White
Officials/Managers	97	30	67	8	19	1	6	63
Professionals	437	99	338	42	95	2	47	251
Technicians	78	32	46	23	8	1	15	31
Sales Workers								
Office/Clerical	162	14	148	25	10	0	16	111
Craftsman								
Laborers								
Service / Workers								
<b>Totals</b>	<b>774</b>	<b>175</b>	<b>599</b>	<b>98</b>	<b>132</b>	<b>4</b>	<b>84</b>	<b>456</b>

Comments:

Please don't remove previous comments

Modock Road Springs  
 Site # 8-35-013  
 Town of Victor, Ontario County, New York  
 Work Assignment # D-004439-9.2



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

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

M/WBE Vendor Name	Federal ID	Vendor Status	Subcontract Amount	Start Date	End Date	Payment Date	Work Description
AIR TOXIC LTD.	621102995	WBE	\$10,425.00	07/18/2005	07/18/2012		Air sample analysis
AMERICAN AUGER & DITCHING CO INC	161243205	WBE	\$133,660.00	07/18/2005	07/18/2012		Drilling
AMERICAN CHAIN LINK AND CONSTRUCTION	113241955	WBE	\$3,500.00	07/18/2005	07/18/2012		Construction
AZTECH TECHNOLOGIES	161536343	WBE	\$315,966.00	07/18/2005	07/18/2012		Drilling and field support
CAMELOT	161516198	WBE	\$86.00	07/18/2005	07/18/2012		Printing
CHEMTECH	132598184	MBE	\$447,973.00	07/18/2005	07/18/2012		Laboratory Analysis
CHEMWORLD ENVIRONMENTAL	521718050	MBE	\$19,691.00	07/18/2005	07/18/2012		Data Validation
CLANCY CULLEN STORAGE COMPANY INC	131876684	MBE	\$4,374.00	07/18/2005	07/18/2012		Moving and Storage
CON-TEST	043308124	WBE	\$5,250.00	07/18/2005	07/18/2012		Laboratory Analysis
DATA VALIDATION SERVICES	239022643	WBE	\$95,432.00	07/18/2005	07/18/2012		Data Validation
GEOLOGIC NY	016142064	WBE	\$128,815.00	07/18/2005	07/18/2012		Drilling
HAGER-RICHTER	153605696	WBE	\$3,150.00	07/18/2005	07/18/2012		Geophysical Survey
JERSEY BORING & DRILLING	222226346	WBE	\$35,200.00	07/18/2005	07/18/2012		Drilling
JOANNE DARCY CRUM	141694225	WBE	\$6,100.00	07/18/2005	07/18/2012		Survey
LAND, AIR, WATER	112957458	WBE	\$60,038.00	07/18/2005	07/18/2012		Drilling
LARSEN PE LS PC	161066373	MBE	\$26,893.00	07/18/2005	07/18/2012		Field Assistance
MJ ENGINEERING	141610087	MBE	\$5,000.00	07/18/2005	07/18/2012		Survey

M/WBE Vendor Name	Federal ID	Vendor Status	Subcontract Amount	Start Date	End Date	Payment Date	Work Description
MEGA ENGINEERING	133256907	DUAL	\$27,710.00	07/18/2005	07/18/2012		Survey
MITKEM	050476460	DUAL	\$161,208.00	07/18/2005	07/18/2012		Laboratory Analytical
MUNOZ ENGINEERS	133241117	MBE	\$12,250.00	07/18/2005	07/18/2012		Survey
NANCY J. POTAK	030335575	WBE	\$13,669.00	07/18/2005	07/18/2012		Data Validation
NOVA CONSULTING	050588004	MBE	\$46,875.00	07/18/2005	07/18/2012		Field Support
OM P. POPLI	161424510	MBE	\$45,473.00	07/18/2005	07/18/2012		Survey
RADAR SOLUTIONS INTERNATIONAL	018388642	WBE	\$6,475.00	07/18/2005	07/18/2012		Geophysical Survey
TERRY BERGENDORFF COLLINS	061272865	WBE	\$7,100.00	07/18/2005	07/18/2012		Survey
YEC, INC.	133256907	MBE	\$37,300.00	07/18/2005	07/18/2005		Survey
WATTS ARCHITECTURE AND ENGINEERING	161387864	MBE	\$10,978.00	07/18/2005	07/18/2005		Field Support
	Total Subcontract Amount		\$1,670,591.00				
	Total Subcontract Amount		\$1,670,591.00				
	Total Subcontract Amount		\$1,670,591.00				
	Total Subcontract Amount		\$1,670,591.00				
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	Total Subcontract Amount		\$1,670,591.00				
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	Total Subcontract Amount		\$1,670,591.00				

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

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

Authorized Representative Signature (Print Name)

**DANEIL LOEWENSTEIN**

**FOR NYSDEC MWBE UNIT USE ONLY**

Approved By:

Approved Date:

**Schedule 2.11 (a)**  
**SUMMARY OF WORK ASSIGNMENT PRICE**  
D-004439-9.2  
Modock Road Springs

1. Direct Salary Costs [Schedule 2.11(b)]	\$105,940
2. Indirect Costs (1.753)	\$185,713
3. Direct Non-Salary Costs [Schedule 2.11(c)(d)]	\$31,715

**Subcontract Costs:**

**Cost-plus-fixed-fee Subcontracts [Schedule 2.11 (e)]**

Name of Subcontractor	Services To Be Performed	Subcontractor Price
A.	0	0 \$0
<b>4. Subtotal Cost-plus-fixed-fee Subcontracts</b>		<b>\$0</b>

**Unit Price Subcontracts [Schedule 2.11(f)]**

Name of Subcontractor	Services To Be Performed	Subcontractor Price
A. Laboratory - Chemtech (MBE)	Air Analytical	\$12,530
B. Laboratory - TestAmerica	Soil and GW Analytical	\$17,465
C. Data Validation - Data Validation Services (WBE)	Data Validation	\$6,340
D. Springs Geoprobe - Aztech Technologies (WBE)	Geoprobe Drilling	\$6,206
E. Soil Gas Analysis - Beacon Environmental Services Inc.	Soil Gas Analysis	\$28,054
F. Sonic Drilling - Stearns Drilling	Sonic Drilling	\$119,010
H. MIP Drilling - Zebra Environmental	MIP Drilling	\$26,350
I. IDW - EWMI	IDW Disposal	\$3,100
J. DLS Property Geoprobe - Geologic NY (WBE)	Geoprobe Drilling	\$19,200
K. Survey - Om P Popli (MBE)	Survey	\$3,688
L. Larsen Engineers- Field Crew (MBE)	Field Work Assistance	\$8,180
M. Laboratory - Columbia Analytical Services	Air Analytical	\$3,978
<b>5. Total Unit Price Subcontracts</b>		<b>\$254,101</b>

6. Subcontract Management Fee	\$12,352
7. Total Subcontract Costs (lines 4+5+6)	\$266,453
8. Fixed Fee	\$29,165
<b>9. Total Work Assignment Price (lines 1+2+3+7+8)</b>	<b>\$618,986</b>

**SCHEDULE 2.11 (b) - Tasks 1 through 5**

**SUMMARY TOTAL OF DIRECT LABOR HOURS**

D-004439-9.2

Modock Road Springs

NSPE Labor Classification		9	8	7	6	5	4	3	2	1	Tech	
Average 2007 Rate		\$65.98	\$65.98	\$55.81	\$42.30	\$36.01	\$32.84	\$28.14	\$24.56	\$20.10	\$13.69	
Average Tasks 1-3 2008 Rate		\$67.96	\$67.96	\$57.48	\$43.57	\$37.09	\$33.83	\$28.98	\$25.30	\$20.70	\$14.10	
Average Task 4 2008 Rate		\$68.54	\$68.54	\$57.97	\$43.94	\$37.41	\$34.11	\$29.23	\$25.51	\$20.88	\$14.59	
Average 2009 Rate		\$67.72	\$67.72	\$59.06	\$44.77	\$38.11	\$34.75	\$29.78	\$25.99	\$21.27	\$14.87	
Task #	Task Name	Total Direct Labor Hours by Task for each NSPE Labor Classification										Total Direct Labor Hours Budgeted
Task 1	Work Plan Preparation	5	51	66	2	0	8	240	275	2	130	779
Task 2	Site Investigation	2	91	115	0	8	4	465	391	40	370	1,486
Task 3	Feasibility Study	8	49	65	0	0	0	145	58	20	0	345
Task 4	Supplemental Scope	0	18	110	0	0	246	30	39	155	0	598
Task 5	PRAP/ROD	0	18	36	0	0	72	4	0	4	0	134
<b>Subtotals:</b>											<b>TOTALS:</b>	
2007 hours:		6	126	156	2	4	8	555	546	22	430	1,855
2007 costs:		\$395.88	\$8,313.48	\$8,706.36	\$84.60	\$144.04	\$262.72	\$15,617.70	\$13,409.76	\$442.20	\$5,886.70	\$53,263.44
2008 hours:		9	75	153	0	4	158	295	217	101	70	1,082
2008 costs:		\$611.64	\$5,102.80	\$8,825.80	\$0.00	\$148.36	\$5,389.38	\$8,549.10	\$5,498.29	\$2,105.28	\$987.00	\$37,217.65
2009 hours:		0	26	83	0	0	164	34	0	98	0	405
2009 costs:		\$0.00	\$1,760.72	\$4,901.98	\$0.00	\$0.00	\$5,699.00	\$1,012.52	\$0.00	\$2,084.46	\$0.00	\$15,458.68
<b>Total Work Assignment Hours</b>		<b>15</b>	<b>227</b>	<b>392</b>	<b>2</b>	<b>8</b>	<b>330</b>	<b>884</b>	<b>763</b>	<b>221</b>	<b>500</b>	<b>3,342</b>
<b>Total Cost for Each NSPE Level</b>		<b>\$1,007.52</b>	<b>\$15,177.00</b>	<b>\$22,434.14</b>	<b>\$84.60</b>	<b>\$292.40</b>	<b>\$11,351.10</b>	<b>\$25,179.32</b>	<b>\$18,908.05</b>	<b>\$4,631.94</b>	<b>\$6,873.70</b>	
<b>Total Work Assignment Direct Labor Cost</b>											<b>\$105,939.77</b>	

**SCHEDULE 2.11 (b-1) - Tasks 1 through 5**

**SUMMARY TOTAL OF DIRECT ADMINISTRATIVE LABOR HOURS**

D-004439-9.2

Modock Road Springs

<b>NSPE Labor Classification</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	
Average 2007 Rate	\$65.98	\$65.98	\$55.81	\$42.30	\$36.01	\$32.84	\$28.14	\$24.56	\$20.10	
Average 2008 Rate	\$68.54	\$68.54	\$57.97	\$43.94	\$37.41	\$34.11	\$29.23	\$25.51	\$20.88	
Average 2009 Rate	\$67.72	\$67.72	\$59.06	\$44.77	\$38.11	\$34.75	\$29.78	\$25.99	\$21.27	
<b>TASK</b>	<b>Total Direct Administrative Hours by Task for each NSPE Labor Classification</b>									<b>Total Direct Administrative Hours</b>
Task 1	0	7	0	2	0	8	0	5	2	24
Task 2	0	35	0	0	0	0	0	51	20	106
Task 3	0	9	0	0	0	0	0	8	10	27
Task 4	0	4	0	0	0	2	0	8	5	19
Task 5	0	0	0	0	0	1	1	0	0	2
<b>Subtotals:</b>										<b>TOTALS:</b>
2007 Hours	0	51	0	2	0	8	0	64	32	157
2007 Task 1 Costs	\$0.00	\$461.86	\$0.00	\$84.60	\$0.00	\$262.72	\$0.00	\$122.80	\$40.20	\$972.18
2007 Task 2 Costs	\$0.00	\$2,309.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,252.56	\$402.00	\$3,963.86
2007 Task 3 Costs	\$0.00	\$593.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$196.48	\$201.00	\$991.30
2007 Costs	\$0.00	\$3,364.98	\$0.00	\$84.60	\$0.00	\$262.72	\$0.00	\$1,571.84	\$643.20	\$5,927.34
2008 Hours	0	4	0	0	0	2	0	8	5	19
2008 Costs	\$0.00	\$274.16	\$0.00	\$0.00	\$0.00	\$68.22	\$0.00	\$204.08	\$104.40	\$650.86
<b>Total Hours</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>11</b>	<b>1</b>	<b>72</b>	<b>37</b>	<b>178</b>
<b>Total Cost (NSPE Level)</b>	<b>\$0.00</b>	<b>\$3,639.14</b>	<b>\$0.00</b>	<b>\$84.60</b>	<b>\$0.00</b>	<b>\$330.94</b>	<b>\$0.00</b>	<b>\$1,775.92</b>	<b>\$747.60</b>	
<b>Total Work Assignment Direct Administrative Cost</b>										<b>\$6,578.20</b>

Schedule 2.11 (c)

**DIRECT NON-SALARY COSTS**

D-004439-9.2

Modock Road Springs

Item	Maximum Reimbursement Rate	Estimated Number of Units	Estimated Cost	Total Estimated Cost
<b>In-house</b>				
Mail	At Cost	At Cost	\$2,275.00	\$2,275.00
<b>Miscellaneous</b>				
2007 Per Diem (full day)	\$131.00 /day	30 days	\$3,930.00	
2007 Per Diem (first day & lodging)	\$120.00 /day	44 days	\$5,280.00	
2007 Per Diem (last day & 75% meals)	\$33.00 /day	44 days	\$1,452.00	
2008 Per Diem (full day)	\$145.00 /day	7 days	\$1,015.00	
2008 Per Diem (first day & lodging)	\$134.00 /day	8 days	\$1,072.00	
2008 Per Diem (last day & 75% meals)	\$33.00 /day	2 days	\$66.00	
Mileage (2007)	\$0.485 /mile	9,900 miles	\$4,801.50	
Mileage (2008)	\$0.585 /mile	2,200 miles	\$1,287.00	
Mileage (2009)	\$0.550 /mile	550 miles	\$302.50	\$19,206.00
<b>TOTAL</b>				<b>\$21,481.00</b>

**Schedule 2.11 (d)**

**SUMMARY OF EQUIPMENT ACTIVITY**

D-004439-9.2

Modock Road Springs

<b>SCHEDULE</b>	<b>Task 1</b>	<b>Task 2</b>	<b>Task 3</b>	<b>Task 4</b>	<b>Task 5</b>	<b>Total Budgeted Cost</b>
Schedule 2.11(d)1 - Department Purchased Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 2.11(d)2 - Malcolm Pirnie Owned	\$897	\$1,245	\$0	\$16	\$16	\$2,173
Schedule 2.11(d)3 - Rented Equipment	\$0	\$1,740	\$0	\$1,480	\$0	\$3,220
Schedule 2.11(d)4 - Site Dedicated Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 2.11(d)5 - Consumable Supplies	\$1,440	\$2,690	\$0	\$573	\$138	\$4,841
<b>TOTAL</b>	<b>\$2,337</b>	<b>\$5,675</b>	<b>\$0</b>	<b>\$2,069</b>	<b>\$154</b>	<b>\$10,234</b>



**Table 2.11 (d)1**

**EQUIPMENT PURCHASED UNDER THE CONTRACT**

D-004439-9.2

Modock Road Springs

**[WORKSHEET - to be submitted with Work Plan, but separately]**

<b>Item</b>	<b>Estimated Purchase Price</b>	<b>O&amp;M Rate</b>	<b>Estimated Number</b>	<b>Estimated Usage Cost</b>
<b>Total - All Tasks</b>				<b>\$0.00</b>

**Table 2.11 (d) 2**

**MAXIMUM REIMBURSEMENT RATES - CONSULTANT OWNED EQUIPMENT**

D-004439-9.2  
Modock Road Springs

<b>Item</b>	<b>O&amp;M Rate</b>	<b>Estimated Usage</b>	<b>Estimated Usage Cost</b>
Photoionization Detector (Task 1)	\$45 /day	15 days	\$675.00
Peristaltic Pump (Task 1)	\$15 /day	0 days	\$0.00
Low Value Equipment (Task 1)	\$0.80 /person/ field hour	277 hours	\$221.60
<b>Task 1 Total</b>			<b>\$896.60</b>
Photoionization Detector (Task 2)	\$45 /day	20 days	\$900.00
Trimble GPS (Task 2)	\$100 /day	0 days	\$0
Peristaltic Pump (Task 2)	\$15 /day	0 days	\$0.00
Low Value Equipment (Task 2)	\$0.80 /person/ field hour	431 hours	\$344.80
<b>Task 2 Total</b>			<b>\$1,244.80</b>
Trimble GPS (Task 3)	\$100 /day	0 days	\$0
Low Value Equipment (Task 3)	\$0.80 /person/ field hour	0 hours	\$0.00
<b>Task 3 Total</b>			<b>\$0.00</b>
Low Value Equipment (Task 4)	\$0.80 /person/ field hour	20 hours	\$16.00
<b>Task 4 Total</b>			<b>\$16.00</b>
Low Value Equipment (Task 5)	\$0.80 /person/ field hour	20 hours	\$16.00
<b>Task 5 Total</b>			<b>\$16.00</b>
<b>Total All Tasks</b>			<b>\$2,173.40</b>

Note: Trimble GPS rate was approved on 6/13/08

**Table 2.11 (d) 3**

**MAXIMUM REIMBURSEMENT RATES - VENDER RENTED EQUIPMENT\***

D-004439-9.2  
Modock Road Springs

<b>Item</b>	<b>Unit Price</b>	<b>Quantity</b>	<b>Total Budgeted Cost</b>
ppbRae (Task 2)	\$350.00 /week	4 week	\$1,400.00
Horiba U-10 (Task 2)	\$170.00 /week	2 week	\$340.00
Horiba U-10 (Task 4)	\$170.00 /week	1 /week	\$170.00
Grundfos Pump (Task 4)	\$95.00 /week	1 /week	\$95.00
Generator (Task 4)	\$45.00 /week	1 /week	\$45.00
ppbRae (Task 4)	\$350.00 /week	2 /week	\$700.00
Hammer Drill (Task 4)	\$235.00 /week	2 /week	\$470.00
<b>Total</b>			<b>\$3,220.00</b>

*\* Reimbursement will be paid at the actual receipted rental cost*

**Table 2.11 (d) 4**

**MAXIMUM REIMBURSEMENT RATES - SITE-DEDICATED EQUIPMENT**

D-004439-9.2  
Modock Road Springs

<b>Item</b>	<b>Unit Price</b>	<b>Quantity</b>	<b>Total Estimated Cost</b>
			\$0.00
			\$0.00
			\$0.00
<b>Total</b>			<b>\$0.00</b>

**Table 2.11 (d) 5**

**DETAILED BREAKDOWN OF CONSUMABLE SUPPLIES\***

D-004439-9.2

Modock Road Springs

Item	Unit Price	Quantity	Total Budgeted Cost
<b>Task 1</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$200.00 Lump Sum	1 Lump Sum	\$200.00
Aerial Photographs	\$290.00 Lump Sum	1 Lump Sum	\$290.00
PPE Level D	\$19.00 /man - day	50 /man - day	\$950.00
<b>Total - Task 1</b>			<b>\$1,440.00</b>
<b>Task 2</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$600.00 Lump Sum	1 Lump Sum	\$600.00
Passive Diffusion Bags	\$28.50 /bag	40 bags	\$1,140.00
PPE Level D	\$19.00 /man - day	50 /man - day	\$950.00
<b>Total - Task 2</b>			<b>\$2,690.00</b>
<b>Task 3</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$200.00 Lump Sum	0 Lump Sum	\$0.00
<b>Total - Task 3</b>			<b>\$0.00</b>
<b>Task 4</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$200.00 Lump Sum	0 Lump Sum	\$0.00
Poly Tubing	\$125.00 Lump Sum	1 Lump Sum	\$125.00
Filters	\$14.50 each	4 filters	\$58.00
Decontamination Supplies	\$80.00 Lump Sum	1 Lump Sum	\$80.00
Teflon Tubing	\$2.50 foot	25 feet	\$62.50
PPE Level D	\$19.00 /man - day	13 /man - day	\$247.00
<b>Total - Task 4</b>			<b>\$572.50</b>
<b>Task 5</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$100.00 Lump Sum	1 Lump Sum	\$100.00
PPE Level D	\$19.00 /man - day	2 /man - day	\$38.00
<b>Total - Task 5</b>			<b>\$138.00</b>
<b>TOTAL</b>			<b>\$4,840.50</b>

**Notes:**

\* Each item costing over \$100 should be identified on a separate line.

*Note: Consumable supplies such as gas, diesel fuel, oil, film, stakes, ice, distilled water, rope shall be direct billed with appropriate receipts.*

Schedule 2.11 (e)

**SUMMARY OF COST-PLUS-FIXED-FEE SUBCONTRACTORS**  
**D-004439-9.2**  
**Modock Road Springs**

Item	Services To Be Performed	Subcontract Price -				
		Task 1	Task 2	Task 3	Task 4	Total
1.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>SUBTOTAL</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Management Fee</b>						
1.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>MANAGEMENT FEE SUBTOTAL</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TOTAL</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

**Schedule 2.11 (f)**

**SUMMARY OF UNIT PRICE SUBCONTRACTORS  
D-004439-9.2  
Modock Road Springs**

Item	Services To Be Performed	Subcontract Price					Management Fee (5%)					
		Task 1	Task 2	Task 3	Task 4	Total	Task 1	Task 2	Task 3	Task 4	Total	
1.	Laboratory - Chemtech (MBE)	Air Analytical	\$0.00	\$12,530.00	\$0.00	\$0.00	\$12,530.00	\$0.00	\$627.00	\$0.00	\$0.00	\$627.00
2.	Laboratory - TestAmerica	Soil and GW Analytical	\$6,265.00	\$8,610.00	\$0.00	\$2,590.00	\$17,465.00	\$313.00	\$431.00	\$0.00	\$130.00	\$874.00
3.	Data Validation - Data Validation Services (WBE)	Data Validation	\$1,760.00	\$4,125.00	\$0.00	\$455.00	\$6,340.00	\$88.00	\$206.00	\$0.00	\$23.00	\$317.00
4.	Springs Geoprobe - Aztech Technologies (WBE)	Geoprobe Drilling	\$6,206.00	\$0.00	\$0.00	\$0.00	\$6,206.00	\$310.00	\$0.00	\$0.00	\$0.00	\$310.00
5.	Soil Gas Analysis - Beacon Environmental Services Inc.	Soil Gas Analysis	\$16,900.00	\$11,154.00	\$0.00	\$0.00	\$28,054.00	\$845.00	\$558.00	\$0.00	\$0.00	\$1,403.00
6.	Sonic Drilling - Stearns Drilling	Sonic Drilling	\$54,130.00	\$64,880.00	\$0.00	\$0.00	\$119,010.00	\$2,706.50	\$3,244.00	\$0.00	\$0.00	\$5,950.50
7.	MIP Drilling - Zebra Environmental	MIP Drilling	\$26,350.00	\$0.00	\$0.00	\$0.00	\$26,350.00	\$1,317.50	\$0.00	\$0.00	\$0.00	\$1,317.50
8.	IDW - EWMI	IDW Disposal	\$0.00	\$3,100.00	\$0.00	\$0.00	\$3,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9.	DLS Property Geoprobe - Geologic NY (WBE)	Geoprobe Drilling	\$9,600.00	\$9,600.00	\$0.00	\$0.00	\$19,200.00	\$480.00	\$480.00	\$0.00	\$0.00	\$960.00
10.	Survey - Om P Popli (MBE)	Survey	\$0.00	\$3,688.00	\$0.00	\$0.00	\$3,688.00	\$0.00	\$184.00	\$0.00	\$0.00	\$184.00
11.	Larsen Engineers- Field Crew (MBE)	Field Work Assistance	\$0.00	\$8,180.00	\$0.00	\$0.00	\$8,180.00	\$0.00	\$409.00	\$0.00	\$0.00	\$409.00
12.	Laboratory - Columbia Analytical Services	Air Analytical	\$0.00	\$0.00	\$0.00	\$3,978.00	\$3,978.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>TOTAL</b>			<b>\$121,211.00</b>	<b>\$125,867.00</b>	<b>\$0.00</b>	<b>\$7,023.00</b>	<b>\$254,101.00</b>	<b>\$6,060.00</b>	<b>\$6,139.00</b>	<b>\$0.00</b>	<b>\$153.00</b>	<b>\$12,352.00</b>

**Table 2.11 (f-1)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2  
Modock Road Springs

**Laboratory - Chemtech (MBE)**

<b>Task</b>	<b>Parameter</b>	<b>Method</b>	<b>Matrix</b>	<b>No. of Tests</b>	<b>Unit Rate (\$)<sup>(1)</sup></b>	<b>Total (\$)</b>
Task 1	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	0	179.00	\$0.00
<b>SUTOTAL - Task 1</b>						<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>						<b>\$0.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>						<b>\$0.00</b>
Task 2	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	70	179.00	\$12,530.00
<b>SUTOTAL - Task 2</b>						<b>\$12,530.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>						<b>\$627.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>						<b>\$13,157.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>						<b>\$13,157.00</b>

**Note:** These costs assume a standard turn around time.



**Table 2.11-(f-2)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2

Modock Road Springs

**Laboratory - TestAmerica**

Task	Parameter	Method	Matrix	No. of Tests	Unit Rate (\$)	Total (\$)
Task 1	VOC	8260B	Soil	54	70.00	\$3,780.00
Task 1	VOC (2-Day Turn)	8260B	Soil	6	87.50	\$525.00
Task 1	VOC	8260B	Groundwater	28	70.00	\$1,960.00
<b>SUTOTAL - Task 1</b>						<b>\$6,265.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>						<b>\$313.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>						<b>\$6,578.00</b>
Task 2	VOC	8260B	Soil	60	70.00	\$4,200.00
Task 2	VOC	8260B	Groundwater	63	70.00	\$4,410.00
<b>SUTOTAL - Task 2</b>						<b>\$8,610.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>						<b>\$431.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>						<b>\$9,041.00</b>
Task 4	Metals	6010B	Soil/GW	8	95.00	\$760.00
Task 4	Pesticides	8081A	Soil/GW	6	55.00	\$330.00
Task 4	PCBs	8082	Soil/GW	6	40.00	\$240.00
Task 4	SVOCs	8270C	Soil/GW	6	185.00	\$1,110.00
Task 4	Total Cyanide	9012B	Soil/GW	6	25.00	\$150.00
<b>SUTOTAL - Task 4</b>						<b>\$2,590.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>						<b>\$130.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>						<b>\$2,720.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>						<b>\$15,619.00</b>

Note: Unless noted, these costs assume a standard turn around time.

Note: Maintenance fee assessed because total subcontract is greater than \$10,000.

**Table 2.11 (f-3)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2  
Modock Road Springs

**Data Validation - Data Validation Services (WBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
Data Validation - Soil	\$20.00 /sample	60 samples	\$1,200.00
Data Validation - Groundwater	\$20.00 /sample	28 samples	\$560.00
Data Validation - Air	\$25.00 /sample	0 samples	\$0.00
Data Validation - Soil Vapor	\$30.00 /sample	0 samples	\$0.00
<b>SUTOTAL - Task 1</b>			<b>\$1,760.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$88.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$1,848.00</b>
<b>Task 2</b>			
Data Validation - Soil	\$20.00 /sample	60 samples	\$1,200.00
Data Validation - Groundwater	\$20.00 /sample	63 samples	\$1,260.00
Data Validation - Air	\$25.00 /sample	45 samples	\$1,125.00
Data Validation - Soil Vapor	\$30.00 /sample	18 samples	\$540.00
<b>SUTOTAL - Task 2</b>			<b>\$4,125.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$206.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$4,331.00</b>
<b>Task 4</b>			
Data Validation - Soil	\$20.00 /sample	0 samples	\$0.00
Data Validation - Groundwater	\$20.00 /sample	0 samples	\$0.00
Data Validation - Air	\$25.00 /sample	11 samples	\$275.00
Data Validation - Soil Vapor	\$30.00 /sample	6 samples	\$180.00
<b>SUTOTAL - Task 4</b>			<b>\$455.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>			<b>\$23.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>			<b>\$478.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$6,657.00</b>

**Note:** These costs assume a standard turn around time.

**Table 2.11 (f-4)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2

Modock Road Springs

**Springs Geoprobe - Aztech Technologies (WBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
<b>Springs Geoprobe Day Rate</b>	\$1,300.00 day	2 days	\$2,600.00
Overtime	\$195.00 hour	4.25 hours	\$829.00
Mobilization/Demobilization	\$1,360.00 LS	1	\$1,360.00
Per Diem	\$200.00 day	2 days	\$400.00
Direct Push Expendables	\$1.50 each	195	\$293.00
1" PVC Well Installation	\$5.75 foot	64 feet	\$368.00
6" Curb Box	\$89.00 each	4 boxes	\$356.00
<b>SUTOTAL - Task 1</b>			<b>\$6,206.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$310.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$6,516.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$6,516.00</b>

**Table 2.11 (f-5)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2

Modock Road Springs

**Soil Gas Analysis - Beacon Environmental Services Inc.**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
8260B Analysis	\$169.00 sample	100 samples	\$16,900.00
<b>SUTOTAL - Task 1</b>			<b>\$16,900.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$845.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$17,745.00</b>
<b>Task 2</b>			
8260B Analysis	\$169.00 sample	66 samples	\$11,154.00
<b>SUTOTAL - Task 2</b>			<b>\$11,154.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$558.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$11,712.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$29,457.00</b>

**Table 2.11 (f-6)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2

Modock Road Springs

**Sonic Drilling - Stearns Drilling**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
Mobilization/Demobilization	\$11,000.00 LS	1	\$11,000.00
Decon Pad	\$500.00 LS	1	\$500.00
Sonic Drilling	\$40.00 linear foot	720 feet	\$28,800.00
Monitoring Well Installation	\$23.00 linear foot	540 feet	\$12,420.00
Stick-up casing	\$235.00 each	6 wells	\$1,410.00
<b>SUTOTAL - Task 1</b>			<b>\$54,130.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$2,706.50</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$56,836.50</b>
<b>Task 2</b>			
Mobilization/Demobilization	\$11,000.00 LS	1	\$11,000.00
Decon Pad	\$500.00 LS	1	\$500.00
Sonic Drilling	\$40.00 linear foot	800 feet	\$32,000.00
Drums	\$55.00 drum	20 drums	\$1,100.00
Monitoring Well Installation	\$23.00 linear foot	800 feet	\$18,400.00
Stick-up casing	\$235.00 each	8 wells	\$1,880.00
<b>SUTOTAL - Task 2</b>			<b>\$64,880.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$3,244.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$68,124.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$124,960.50</b>

**Table 2.11 (f-7)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2  
Modock Road Springs

**MIP Drilling - Zebra Environmental**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
Mobilization/Demobilization	\$1,450.00 LS	1	\$1,450.00
MIP Day Rate	\$3,900.00 day	6 days	\$23,400.00
Per Diem	\$250.00 day	6 days	\$1,500.00
<b>SUTOTAL - Task 1</b>			<b>\$26,350.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$1,317.50</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$27,667.50</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$27,667.50</b>

**Table 2.11 (f-8)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2  
Modock Road Springs

**IDW - EWMI**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
Disposal (soil)	\$0.00 /DRUM	15	\$0.00
Disposal (groundwater)	\$0.00 /DRUM	5	\$0.00
Drum Transportation	\$0.00 /LS	1	\$0.00
<b>SUBTOTAL - Task 1</b>			<b>\$0.00</b>
<b>MANAGEMENT FEE (TAKS 1)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$0.00</b>
<b>Task 2</b>			
Disposal (soil)	\$95.00 /DRUM	15	\$1,425.00
Disposal (groundwater)	\$95.00 /DRUM	5	\$475.00
Drum Transportation	\$1,200.00 /LS	1	\$1,200.00
<b>SUTOTAL - Task 2</b>			<b>\$3,100.00</b>
<b>MANAGEMENT FEE (TAKS 2)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,100.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,100.00</b>

**Table 2.11 (f-9)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2

Modock Road Springs

**DLS Property Geoprobe - Geologic NY (WBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
<b>DLS Geoprobe Day Rate</b>	\$1,800.00 day	5 days	\$9,000.00
<b>Per Diem</b>	\$0.00 day	5 days	\$0.00
<b>Mobilization/Demobilization</b>	\$600.00 LS	1	\$600.00
<b>SUTOTAL - Task 1</b>			<b>\$9,600.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$480.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$10,080.00</b>
<b>Task 2</b>			
<b>DLS Geoprobe Day Rate</b>	\$1,800.00 day	5 days	\$9,000.00
<b>Per Diem</b>	\$0.00 day	5 days	\$0.00
<b>Mobilization/Demobilization</b>	\$600.00 LS	1	\$600.00
<b>SUTOTAL - Task 2</b>			<b>\$9,600.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$480.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$10,080.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$20,160.00</b>



**Table 2.11 (f-10)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439

Modock Road Springs

**Survey - Om P Popli (MBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 2</b>			
Survey of 22 wells	\$3,688.00 Lump Sum	1 Lump Sum	\$3,688.00
<b>SUTOTAL - Task 2</b>			<b>\$3,688.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$184.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,872.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,872.00</b>

**Table 2.11 (f-11)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439

Modock Road Springs

**Larsen Engineers- Field Crew (MBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 2</b>			
Field Assistance	\$485.33 day	15 days	\$7,280.00
Overtime	\$60.67 hour	0 hours	\$0.00
Hammer Drill	\$300.00 week	3 weeks	\$900.00
<b>SUTOTAL - Task 2</b>			<b>\$8,180.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$409.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$8,589.00</b>
<b>Task 3</b>			
Field Assistance	\$827.50 day	0 days	\$0.00
<b>SUTOTAL - Task 3</b>			<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 3)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 3 (INCLUDING MANAGEMENT FEE)</b>			<b>\$0.00</b>
<b>Task 4</b>			
Field Assistance -	\$485.33 day	0 days	\$0.00
Overtime	\$60.67 hour	0 hours	\$0.00
Hammer Drill	\$300.00 week	0 weeks	\$0.00
<b>SUTOTAL - Task 4</b>			<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>			<b>\$0.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$8,589.00</b>

**Table 2.11 (f-12)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.2  
Maddock Road Springs

**Laboratory - Columbia Analytical Services**

<b>Task</b>	<b>Parameter</b>	<b>Method</b>	<b>Matrix</b>	<b>No. of Tests</b>	<b>Unit Rate (\$)<sup>(1)</sup></b>	<b>Total (\$)</b>
Task 2	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	0	234.00	\$0.00
<b>SUTOTAL - Task 2</b>						<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>						<b>\$0.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>						<b>\$0.00</b>
Task 4	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	17	234.00	\$3,978.00
<b>SUTOTAL - Task 4</b>						<b>\$3,978.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>						<b>\$0.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>						<b>\$3,978.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>						<b>\$3,978.00</b>

**Note:** These costs assume a standard turn around time, batch canister certification, and one indoor air and one sub-slab vapor sample will be collected per residence.

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: SUMMARY

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 11-Aug-09

BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$105,940	
1a. INDIRECT COST - 1.753 %						\$185,713	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$291,653	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$291,653	
4. TRAVEL & SUBSISTENCE						\$19,206	
5. OTHER NON-SALARY COST						\$12,509	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$31,715	
7. SUBCONTRACTORS Management Fee included above						\$266,453 \$12,352	
8. TOTAL CONTRACT COST (3+6+7)						\$589,821	
9. FIXED FEE - 10.0 %						\$29,165	
10. TOTAL CONTRACT PRICE (8+9)						\$618,986	
11. RETAINAGE - 0 %						\$0	
12. CAP FORM SUBMISSION						\$618,986	

PROJECT MANAGER ENGINEER

DATE

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: I - Work Plan Preparation

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 07-Jul-09  
 BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$23,053	
1a. INDIRECT COST - 1.753 %						\$40,412	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$63,465	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$63,465	
4. TRAVEL & SUBSISTENCE						\$7,208	
5. OTHER NON-SALARY COST						\$2,837	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$10,044	
7. SUBCONTRACTORS Management Fee included above						\$127,271 \$6,060	
8. TOTAL CONTRACT COST (3+6+7)						\$200,780	
9. FIXED FEE - 10.0 %						\$6,347	
10. TOTAL CONTRACT PRICE (8+9)						\$207,127	

PROJECT MANAGER ENGINEER

DATE

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 2 - Site Investigation

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 07-Jul-09  
 BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$41,887	
1a. INDIRECT COST - 1.753 %						\$73,428	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$115,315	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$115,315	
4. TRAVEL & SUBSISTENCE						\$7,208	
5. OTHER NON-SALARY COST						\$6,675	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$13,882	
7. SUBCONTRACTORS Management Fee included above						\$132,006 \$6,139	
8. TOTAL CONTRACT COST (3+6+7)						\$261,203	
9. FIXED FEE - 10.0 %						\$11,531	
10. TOTAL CONTRACT PRICE (8+9)						\$272,734	

PROJECT MANAGER ENGINEER

DATE

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 3 - Feasibility Study

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 07-Jul-09  
 BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$13,693	
1a. INDIRECT COST - 1.753 %						\$24,005	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$37,698	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$37,698	
4. TRAVEL & SUBSISTENCE						\$1,049	
5. OTHER NON-SALARY COST						\$100	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$1,149	
7. SUBCONTRACTORS Management Fee included above						\$0 \$0	
8. TOTAL CONTRACT COST (3+6+7)						\$38,847	
9. FIXED FEE - 10.0 %						\$3,770	
10. TOTAL CONTRACT PRICE (8+9)						\$42,617	

PROJECT MANAGER ENGINEER

DATE

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 4 - Supplemental Scope

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 07-Jul-09  
 BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$21,255	
1a. INDIRECT COST - 1.753 %						\$37,260	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$58,515	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$58,515	
4. TRAVEL & SUBSISTENCE						\$2,882	
5. OTHER NON-SALARY COST						\$2,594	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$5,476	
7. SUBCONTRACTORS Management Fee included above						\$7,176 \$153	
8. TOTAL CONTRACT COST (3+6+7)						\$71,166	
9. FIXED FEE - 10.0 %						\$5,851	
10. TOTAL CONTRACT PRICE (8+9)						\$77,018	

PROJECT MANAGER ENGINEER \_\_\_\_\_

DATE \_\_\_\_\_



ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 5 - PRAP/ROD

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 07-Jul-09  
 BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$6,051	
1a. INDIRECT COST - 1.753 %						\$10,608	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$16,659	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$16,659	
4. TRAVEL & SUBSISTENCE						\$861	
5. OTHER, NON-SALARY COST						\$304	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$1,165	
7. SUBCONTRACTORS Management Fee included above						\$0 \$0	
8. TOTAL CONTRACT COST (3+6+7)						\$17,824	
9. FIXED FEE - 10.0 %						\$1,666	
10. TOTAL CONTRACT PRICE (8+9)						\$19,490	

PROJECT MANAGER ENGINEER

DATE

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT #: D-004439  
 NYSDEC WA #: WA-9.2  
 MPI PROJECT #: 0266361  
 PROJECT NAME: Modock Road Springs

**SCHEDULE 2.11 (g) - Supplemental**

DATE PREPARED: 07-Jul-09

**SUBCONTRACTOR COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION  
 Unit Price Subcontractors**

BILLING PERIOD: mm/dd/yy - mm/dd/yy  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

SUBCONTRACT NAME	A	B	C	D	E	F	G	H	I
	SUBCONTRACTOR COSTS				MANAGEMENT FEE				TOTAL COSTS TO DATE (C + F + H)
	CURRENT COSTS, INCLUDES RESUBMITTALS	PAID TO DATE	TOTAL COSTS TO DATE (A + B)	APPROVED BUDGET	MNGT. FEE BUDGET	FEE THIS PERIOD	PENDING FEES	FEE PAID TO DATE	
1. Laboratory - Chemtech (MBE) Air Analytical				\$12,530.00	\$627.00				
2. Laboratory - TestAmerica Soil and GW Analytical				\$17,465.00	\$874.00				
3. Data Validation - Data Validation Services (WBE) Data Validation				\$6,340.00	\$317.00				
4. Springs Geoprobe - Aztech Technologies (WBE) Geoprobe Drilling				\$6,206.00	\$310.00				
5. Soil Gas Analysis - Beacon Environmental Services Inc. Soil Gas Analysis				\$28,054.00	\$1,403.00				
6. Sonic Drilling - Stearns Drilling Sonic Drilling				\$119,010.00	\$5,950.50				
7. MIP Drilling - Zebra Environmental MIP Drilling				\$26,350.00	\$1,317.50				
8. IDW - EWMI IDW Disposal				\$3,100.00	\$0.00				
9. DLS Property Geoprobe - Geologic NY (WBE) Geoprobe Drilling				\$19,200.00	\$960.00				
10. Survey - Om P Popli (MBE) Survey				\$3,688.00	\$184.00				
11. Larsen Engineers- Field Crew (MBE) Field Work Assistance				\$8,180.00	\$409.00				
12. Laboratory - Columbia Analytical Services Air Analytical				\$3,978.00	\$0.00				
<b>TOTAL</b>				<b>\$254,101.00</b>	<b>\$12,352.00</b>				

PROJECT MANAGER ENGINEER \_\_\_\_\_

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) 'TOTAL' line, Column I should equal Line 7 (subcontracts), Column C of Summary of Fiscal Information Cost Control Report.

**SCHEDULE 2:11 (h)**  
**Modock Road Springs (#D-004439-9.2)**  
**MONTHLY COST CONTROL REPORT - SUMMARY OF LABOR HOURS**  
**Expended to Date/Estimated to Completion**  
**[WORKSHEET - To be submitted, but separately]**

Page 1 of 1

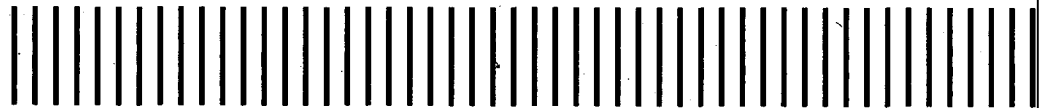
Billing Period:

NSPE												Total No.
Labor Classification												Direct Labor
Task #	Task Name	9	8	7	6	5	4	3	2	1	Tech	Hours
		Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est
Task 1	Work Plan Preparation	Exp	0	0	0	0	0	0	0	0	0	0
		Est	5	51	66	2	0	8	240	275	2	130
		2007	5	51	66	2	0	8	240	275	2	130
		2008	0	0	0	0	0	0	0	0	0	0
Task 2	Site Investigation	Exp	0	0	0	0	0	0	0	0	0	0
		Est	2	91	115	0	8	4	465	391	40	370
		2007	1	75	90	0	4	0	315	271	20	300
		2008	1	16	24	0	4	0	150	120	0	70
		2009	0	0	1	0	0	4	0	0	20	0
Task 3	Feasibility Study	Exp	0	0	0	0	0	0	0	0	0	0
		Est	8	49	65	0	0	0	145	58	20	0
		2007	0	0	0	0	0	0	0	0	0	0
		2008	8	49	65	0	0	0	145	58	20	0
Task 4	Supplemental Scope	Exp	0	0	0	0	0	0	0	0	0	0
		Est	0	18	110	0	0	246	30	39	155	0
		2007	0	0	0	0	0	0	0	0	0	0
		2008	0	10	64	0	0	158	0	39	81	0
		2009	0	8	46	0	0	88	30	0	74	0
Task 5	PRAP/ROD	Exp	0	0	0	0	0	0	0	0	0	0
		Est	0	18	36	0	0	72	4	0	4	0
		2007	0	0	0	0	0	0	0	0	0	0
		2008	0	0	0	0	0	0	0	0	0	0
		2009	0	18	36	0	0	72	4	0	4	0
	Subtotal	2007 hours	6	126	156	2	4	8	555	546	22	430
	Subtotal	2008 hours	9	75	153	0	4	158	295	217	101	70
	Subtotal	2009 hours	0	26	83	0	0	164	34	0	98	0
	Subtotal	Exp hours	0	0	0	0	0	0	0	0	0	0
<b>Total Hours Exp</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Hours Est</b>			<b>15</b>	<b>227</b>	<b>392</b>	<b>2</b>	<b>8</b>	<b>330</b>	<b>884</b>	<b>763</b>	<b>221</b>	<b>500</b>

**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study  
Schedule 2.11s Amendment

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## **Schedule 2.11 Worksheets**



Engineer/Contract Number: Malcolm Pirnie / D-004439

Project Name: Modock Road Springs

Date Prepared: 7/7/2009

Work Assignment Number: WA-9.2

**DETAILED BREAKDOWN OF  
DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED ON SCHEDULE 2-11(b-1)  
[WORKSHEET - to be sent with Work Plan, but separately]**

ADMIN. TASKS	Work Plan Development										Review Work Assignment (WA) Progress																																																								
	Conflict of Interest					Schedule & Supporting					Conduct Progress					Prepare Monthly Project					MBE/WBE Activities					Program Management																																									
	Checks					Documentation					Reviews					Report & Update					Progress Schedule					Reviews																																									
NSPE Level	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1													
Task 1										2		2		8					1							1		1								1																						2									
Task 2																			6							4		6								4		2								2												18									
Task 3																			2							1		2								1																						4									
Task 4																			2									2								1																						1									
Task 5																																																										1									
Subtotal	0	0	0	0	0	0	0	0	0	0	2	0	2	0	11	0	0	0	0	11	0	0	0	0	0	6	0	0	10	0	0	0	0	0	0	6	0	0	2	0	0	0	0	0	0	2	0	0	25	0	0	0	0	0	0	0	0										
TOTAL	0					15					17					16					4					25																																									

**Engineer/Contract Number:** Malcolm Pirnie / D-004439  
**Project Name:** Modock Road Springs  
**Work Assignment Number:** WA-9.2

**Date Prepared:** 7/7/2009

**DETAILED BREAKDOWN OF  
 DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED ON SCHEDULE 2-11(b-1)  
 [WORKSHEET - to be sent with Work Plan, but separately]**

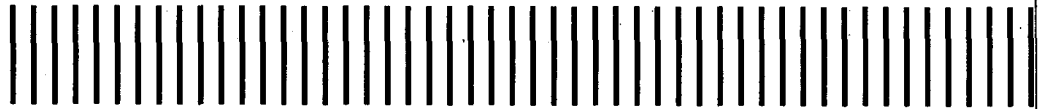
ADMIN. TASKS	C.A.P. PREPARATION										MISCELLANEOUS										Word Processing and Report Preparation										TOTAL DIRECT ADMIN. LABOR HOURS																
	Prepare Monthly Cost Control Report and CAP					Oversee CAP Preparation					NSPE List Updates					Equipment Use and Inventory																															
NSPE Level	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1		
Task 1							3			1																											2	0	7	0	2	0	8	0	5	2	
Task 2							40			2									1																		20	0	35	0	0	0	0	0	0	51	20
Task 3							6			1																											10	0	9	0	0	0	0	0	0	8	10
Task 4							8																														5	0	4	0	0	0	2	0	8	5	
Task 5							1																														0	0	0	0	0	0	1	1	0	0	
Subtotal	0	0	0	0	0	0	1	57	0	0	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	37	0	55	0	2	0	11	1	72	37		
TOTAL	58					4					2					0					37					178																					

Table 2.11 (c)				
DETAILED BREAKDOWN OF DIRECT NON-SALARY COSTS				
D-004439-9.2				
Modock Road Springs				
[WORKSHEET - to be submitted with Work Plan, but separately]				
Item	Maximum Reimbursement Rate	Estimated Number of Units	Estimated Cost	Total Estimated Cost
<b>Task 1 Work Plan Preparation</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage (2007)	\$0.485 /mile	4,500 miles	\$2,182.50	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per diem (full day)	\$131 /day	15 days	\$1,965.00	
4 Per Diem (1st day & lodging)	\$120 /day	20 days	\$2,400.00	
5 Per Diem (last day & 75% meals)	\$33 /day	20 days	\$660.00	\$7,207.50
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$500.00	
3 Communication	At Cost	At Cost	\$0.00	\$500.00
TOTAL - Task 1				\$7,707.50
<b>Task 2 Site Investigation</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage (2007)	\$0.485 /mile	4,500 miles	\$2,182.50	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per diem (full day)	\$131 /day	15 days	\$1,965.00	
4 Per Diem (1st day & lodging)	\$120 /day	20 days	\$2,400.00	
5 Per Diem (last day & 75% meals)	\$33 /day	20 days	\$660.00	\$7,207.50
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$1,000.00	
3 Communication	At Cost	At Cost	\$0.00	\$1,000.00
TOTAL - Task 2				\$8,207.50
<b>Task 3 Feasibility Study</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage (2007)	\$0.485 /mile	900 miles	\$436.50	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per Diem (full day)	\$131 /day	0 days	\$0.00	
3 Per Diem (first day & lodging)	\$120 /day	4 days	\$480.00	
3 Per Diem (last day & 75% meals)	\$33 /day	4 days	\$132.00	\$1,048.50
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$100.00	
3 Communication	At Cost	At Cost	\$0.00	\$100.00
TOTAL - Task 3				\$1,148.50
<b>Task 4 Supplemental Scope</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage	\$0.585 /mile	2,200 miles	\$1,287.00	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per Diem (full day)	\$145 /day	5 days	\$725.00	
3 Per Diem (first day & lodging)	\$134 /day	6 days	\$804.00	
3 Per Diem (last day & 75% meals)	\$33 /day	2 days	\$66.00	\$2,882.00
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$525.00	
3 PC	\$0.00 /hour	0 hours	\$0.00	
4 CADD	\$0.00 /hour	0 hours	\$0.00	
3 Communication	At Cost	At Cost	\$0.00	\$525.00
TOTAL - Task 4				\$3,407.00
<b>Task 5 PRAP/ROD</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage	\$0.550 /mile	550 miles	\$302.50	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per Diem (full day)	\$145 /day	2 days	\$290.00	
3 Per Diem (first day & lodging)	\$134 /day	2 days	\$268.00	
3 Per Diem (last day & 75% meals)	\$33 /day	0 days	\$0.00	\$860.50
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$150.00	
3 PC	\$5.00 /hour	0 hours	\$0.00	
4 CADD	\$15.00 /hour	0 hours	\$0.00	
5 Communication	At Cost	At Cost	\$0.00	\$150.00
TOTAL - Task 5				\$1,010.50
TOTAL - All Tasks				\$21,481.00

**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study  
Schedule 2.11s Amendment

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## **Cost Backup Memo**





## Interoffice Correspondence

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**Date:** July 7, 2009  
**To:** FILE: Modock Road Springs WA D004439-9.2  
**Copy:** Malcolm Pirnie Project File, 0266361  
**From:** Mark Flusche, ALB  
**Re:** Direct Administration Labor Hours

Direct administration labor hours for the Modock Road Springs RI/FS WA scope exceeded 4% of the overall anticipated amended Work Assignment costs. However, the direct administration labor hours were tabulated using the guidance contained in the NYSDEC Handbook for Standby Consultant Contract (Attachment #12) and the hours do not exceed the allowable hours for each of the listed administrative tasks.

**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study  
Schedule 2.11s Amendment

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## **Cost Review Checklist**



## Cost Review for Work Plan or Amendment

Contractor Name: Malcolm Pirnie, Inc.  
 WA # and Name: D-004439-9.2 Modock Road Springs

Date: 7/7/09  
 Reviewer: Bruce Nelson

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

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

Rev. 6/17/09

**Cost Review for Work Plan or Amendment**

**Contractor Name:** MalcolmPirnie, Inc.  
**WA # and Name:** D004439-9.2 / Modock Road Springs

**Date:** 8/17/09  
**Reviewer:** K. Quinn

<b>GENERAL COST REVIEW CHECKLIST</b>		<b>Yes</b>	<b>No</b>	<b>Comments</b>
	A complete set of 2.11 Schedules (a) through (h) is attached.	X		
	Budget package includes a cover letter and an M/WBE Utilization Plan.	X		M/WBE Approval Att.
<b>1.</b>	<b>Schedule 2.11(b) - Direct Labor</b>			
	Average reimbursement rates are used for each year. Future years escalate 3%.	X		
	Hours are segregated by year.	X		
	Total cost for each NSPE level is shown.	X		
	Total direct labor costs match amounts on Schedule 2.11(a).	X		\$105,940
	The Principal's (NSPE level 9) labor hours charged to WA are less than 2% of the total.	X		
	Total labor hours match hours on Schedule 2.11(h).		X	to be fixed
<b>2.</b>	<b>Schedule 2.11(b-1) - Direct Administrative Labor Hours</b>			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	X		Justification attached - 5%
<b>3.</b>	<b>Schedules 2.11(c) and (d) - Direct Non-Salary Costs</b>			
	Rates listed in Schedule 2.11(c) are consistent with contract.	X		
	Rates for in-house and/or misc. costs match contract Schedule 2.10(b) or 2.10 (c) (2).	X		
	Quotes are included for any non-contract item ( <u>including</u> equipment purchases & rentals; <u>excluding</u> air fare) >\$1k. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.			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.	X		
	Appropriate lodging/per diem/mileage rates are used.	X		
	Schedule 2.11(d)1 - All equipment purchased is supported by cost justification that's acceptable to the CM. Equipment is to be maintained by the contractor or turned over to DEC, and it must be added to contractor's inventory list (include a revised copy).			N/A
	Schedule 2.11(d)2 - Rates for consultant-owned equipment match Schedule 2.10(c).	X		
	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.	X		PM Approval Attached
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	X		\$31,715
<b>4.</b>	<b>Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts</b>			
	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
	Standby subcontract is active and rates (salary, direct and indirect costs, and fixed fee) match contract rates.			N/A

	<b>Schedule 2.11(e) - Continued</b>			
	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.	<b>Schedule 2.11(f) - Unit Price Subcontracts</b>			
	There are quotes for non-standby subcontracts >\$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	X		No New Work from Orig. WA
	<i>Standby Drillers</i> (Two phase process) - Quotes from all standbys are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected. Explanation for declinations has been provided.	X		No New Work from Orig. WA
	<i>Standby Labs and Data Validators</i> (rotate use) - Unit costs match those in contract(s).	X		No New Work from Orig. WA
	<i>M/WBE</i> - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by an engineer's estimate.	X		No New Work from Orig. WA
	Cost reasonableness of sole/single source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).	X		No New Work from Orig. WA
	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.)	X		No New Work from Orig. WA
	Total subcontract costs match the amounts on Schedule 2.11(a).	X		No New Work from Orig. WA
	Justification is attached for subcontracts >\$100,000 supporting a determination not to design and competitively bid the work. Response-type activities (drum removals; other construction-type activities) must be competitively bid unless otherwise approved	X		No New Work from Orig. WA
	Subcontractor certification(s) have been submitted.	X		On File
6.	<b>Schedule 2.11(g) - Cost Control Report</b>			
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	X		
7.	<b>Schedule 2.11(g) Supplemental - Cost Control Report (subs)</b>			
	Schedules include all applicable subcontracts and management fees (for unit price only).	X		
8.	<b>Schedule 2.11(a)</b>			
	Rates for indirect and fixed fee match contract rates.	X		175.3% & 10%
	All numbers rolled up into Schedule 2.11(a) add up.	X		\$618,986
	<b>Amount of this Amendment is \$21,049.</b>			

Rev. 6/17/09

Yes sub man. fee  
for Popli - Prof  
firm doing surveying  
work and MBE  
(so okay under \$10K)

DOO4439-9.2

NO Sub man. fee  
for Larsen Eng -  
Prof firm not  
doing surveying  
(mistake not caught before)

D004439-9.2



orig 520574  
Amend 1 77363  

---

Amend 2 597937

Amend 2  
total 618986

21049 diff

Att A done for  
\$ 30,000

*fixed  
8/12*

**From:** Karen Quinn  
**To:** Nelson, Bruce R.  
**CC:** Lewis, Lisa  
**Date:** 8/11/2009 2:17 PM  
**Subject:** D004439-9.2 (Modock Road Springs) Comments on Budget Pages  
**Attachments:** Modock 2.11 b & h corrections.pdf; Modock 2.11 d3 correction.pdf; modock 2.11 g summary correction.pdf

Bruce,

I've completed reviewing of the Modock Road Springs 2.11s and the total WA amount looks good but there are a few minor corrections that need to be made before it's final. *(I have listed them below.)*

Also, I don't believe you've submitted a Utilization Plan for this Amendment. Please submit it to our M/WBE Office and copy me so that I can attach it to the final approval package.

Jason Pelton is out this week, but upon his return, I'll ask him to review the Amendment.

#### COMMENTS

1. There is a discrepancy between on Schedule(b) and Schedule (h)> The breakdown of each year/task and totals do not match. *I have attached a marked up copy of both schedules. I circled the numbers that need to be changed. Please check them over and adjust the costs and total hours as needed. I'm assuming that the Schedule 2.11(b) is correct so 2.11(h) should match it, but I could be wrong.*

2. Schedule 2.11(d)3 does not have the same Total Budgeted Cost as 2.11(d). Schedule 2.11(d)3 needs to change the total from \$2,050 to \$3220. *I have attached a marked up copy of 2.11(d)3.*

3. There is just a couple of minor changes on Schedule 2.11(g) Summary. It all adds up fine except #3 need to go up a dollar and #6 needs to go down a dollar. *I have attached a marked up copy with the corrected numbers for your reference.*

Please let me know if you have any questions. Thanks, Karen

*Karen K. Quinn  
NYSDEC*

**SCHEDULE 2.11 (b) - Tasks 1 through 5**

**SUMMARY TOTAL OF DIRECT LABOR HOURS**

D-004439-9.2

Modock Road Springs

NSPE Labor Classification		9	8	7	6	5	4	3	2	1	Tech	
Average 2007 Rate		\$65.98	\$65.98	\$55.81	\$42.30	\$36.01	\$32.84	\$28.14	\$24.56	\$20.10	\$13.69	
Average Tasks 1-3 2008 Rate		\$67.96	\$67.96	\$57.48	\$43.57	\$37.09	\$33.83	\$28.98	\$25.30	\$20.70	\$14.10	
Average Task 4 2008 Rate		\$68.54	\$68.54	\$57.97	\$43.94	\$37.41	\$34.11	\$29.23	\$25.51	\$20.88	\$14.59	
Average 2009 Rate		\$67.72 ✓	\$67.72 ✓	\$59.06 ✓	\$44.77 ✓	\$38.11 ✓	\$34.75 ✓	\$29.78 ✓	\$25.99 ✓	\$21.27 ✓	\$14.87 ✓	
Task #	Task Name	Total Direct Labor Hours by Task for each NSPE Labor Classification										Total Direct Labor Hours Budgeted
Task 1	Work Plan Preparation	5	51	66	2	0	8	240	275	2	130	779 ✓ ?
Task 2	Site Investigation	2	91	115	0	8	4	465	391	40	370	1,486 ✓ ?
Task 3	Feasibility Study	8	49	65	0	0	0	145	58	20	0	345 ✓ ?
Task 4	Supplemental Scope	0	18	110	0	0	246	30	39	155	0	598 ✓
Task 5	PRAP/ROD	0	18	36	0	0	72	4	0	4	0	134 ✓
<b>Subtotals:</b>												<b>TOTALS:</b>
2007 hours:		6	126	156	2	4	8	555	546	22	430	1,855 ✓
2007 costs:		\$395.88	\$8,313.48	\$8,706.36	\$84.60	\$144.04	\$262.72	\$15,617.70	\$13,409.76	\$442.20	\$5,886.70	\$53,263.44
2008 hours:		9	75	153	0	4	158	295	217	101	70	1,082 ✓
2008 costs:		\$611.64	\$5,102.80	\$8,825.80	\$0.00	\$148.36	\$5,389.38	\$8,549.10	\$5,498.29	\$2,105.28	\$987.00	\$37,217.65
2009 hours:		0	26	83	0	0	164	34	0	98	0	405 ✓ ?
2009 costs:		\$0.00	\$1,760.72	\$4,901.98	\$0.00	\$0.00	\$5,699.00	\$1,012.52	\$0.00	\$2,084.46	\$0.00	\$15,458.68
<b>Total Work Assignment Hours</b>		<b>15</b>	<b>227</b>	<b>392</b>	<b>2</b>	<b>8</b>	<b>330</b>	<b>884</b>	<b>763</b>	<b>221</b>	<b>500</b>	<b>3,342</b> → ?
<b>Total Cost for Each NSPE Level</b>		<b>\$1,007.52</b>	<b>\$15,177.00</b>	<b>\$22,434.14</b>	<b>\$84.60</b>	<b>\$292.40</b>	<b>\$11,351.10</b>	<b>\$25,179.32</b>	<b>\$18,908.05</b>	<b>\$4,631.94</b>	<b>\$6,873.70</b>	<b>\$105,939.77</b>
<b>Total Work Assignment Direct Labor Cost</b>												<b>\$105,939.77</b>

804  
1461  
479

380

3317

All of the circled #'s do not match up w/ 2.11(h).

**SCHEDULE 2.11 (b-1) - Tasks 1 through 5**

**SUMMARY TOTAL OF DIRECT ADMINISTRATIVE LABOR HOURS**

D-004439-9.2  
Modock Road Springs

NSPE Labor Classification	9	8	7	6	5	4	3	2	1		
	Average 2007 Rate	\$65.98	\$65.98	\$55.81	\$42.30	\$36.01	\$32.84	\$28.14	\$24.56		\$20.10
	Average 2008 Rate	\$68.54	\$68.54	\$57.97	\$43.94	\$37.41	\$34.11	\$29.23	\$25.51		\$20.88
	Average 2009 Rate	\$67.72	\$67.72	\$59.06	\$44.77	\$38.11	\$34.75	\$29.78	\$25.99		\$21.27
TASK	Total Direct Administrative Hours by Task for each NSPE Labor Classification									Total Direct Administrative Hours	
Task 1	0	7	0	2	0	8	0	5	2	24	
Task 2	0	35	0	0	0	0	0	51	20	106	
Task 3	0	9	0	0	0	0	0	8	10	27	
Task 4	0	4	0	0	0	2	0	8	5	19	
Task 5	0	0	0	0	0	1	1	0	0	2	
<b>Subtotals:</b>										<b>TOTALS:</b>	
2007 Hours	0	51	0	2	0	8	0	64	32	157	
2007 Task 1 Costs	\$0.00	\$461.86	\$0.00	\$84.60	\$0.00	\$262.72	\$0.00	\$122.80	\$40.20	\$972.18	
2007 Task 2 Costs	\$0.00	\$2,309.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,252.56	\$402.00	\$3,963.86	
2007 Task 3 Costs	\$0.00	\$593.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$196.48	\$201.00	\$991.30	
2007 Costs	\$0.00	\$3,364.98	\$0.00	\$84.60	\$0.00	\$262.72	\$0.00	\$1,571.84	\$643.20	\$5,927.34	
2008 Hours	0	4	0	0	0	2	0	8	5	19	
2008 Costs	\$0.00	\$274.16	\$0.00	\$0.00	\$0.00	\$68.22	\$0.00	\$204.08	\$104.40	\$650.86	
<b>Total Hours</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>11</b>	<b>1</b>	<b>72</b>	<b>37</b>	<b>178</b>	
<b>Total Cost (NSPE Level)</b>	<b>\$0.00</b>	<b>\$3,639.14</b>	<b>\$0.00</b>	<b>\$84.60</b>	<b>\$0.00</b>	<b>\$330.94</b>	<b>\$0.00</b>	<b>\$1,775.92</b>	<b>\$747.60</b>		
<b>Total Work Assignment Direct Administrative Cost</b>										<b>\$6,578.20</b>	

510

**Schedule 2.11 (c)**

**DIRECT NON-SALARY COSTS**

D-004439-9.2

Modock Road Springs

Item	Maximum Reimbursement Rate	Estimated Number of Units	Estimated Cost	Total Estimated Cost
<b>In-house</b>			(50 <sup>00</sup> )	(50 <sup>00</sup> )
Mail	At Cost	At Cost	\$2,275.00	\$2,275.00
<b>Miscellaneous</b>				
2007 Per Diem (full day)	\$131.00 /day	30 days	\$3,930.00	
2007 Per Diem (first day & lodging)	\$120.00 /day	44 days	\$5,280.00	
2007 Per Diem (last day & 75% meals)	\$33.00 /day	44 days	\$1,452.00	
2008 Per Diem (full day)	\$145.00 /day	(2) 7 days	(\$1,015.00)	(290 <sup>00</sup> )
2008 Per Diem (first day & lodging)	\$134.00 /day	(2) 8 days	(\$1,072.00)	(268 <sup>00</sup> )
2008 Per Diem (last day & 75% meals)	\$33.00 /day	2 days	\$66.00	
Mileage (2007)	\$0.485 /mile	9,900 miles	\$4,801.50	
Mileage (2008)	\$0.585 /mile	2,200 miles	\$1,287.00	(307 <sup>50</sup> )
Mileage (2009)	\$0.550 /mile	550 miles	(\$302.50)	\$19,206.00
<b>TOTAL</b>				<b>\$21,481.00</b>



**Schedule 2.11 (d)**

**SUMMARY OF EQUIPMENT ACTIVITY**

D-004439-9.2

Modock Road Springs

SCHEDULE	Task 1	Task 2	Task 3	Task 4	Task 5	Total Budgeted Cost
Schedule 2.11(d)1 - Department Purchased Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 2.11(d)2 - Malcolm Pirnie Owned	\$897 ✓	\$1,245 <sup>16<sup>00</sup></sup>	\$0	\$16 ✓	\$16	\$2,173
Schedule 2.11(d)3 - Rented Equipment	\$0	\$1,740 ✓	\$0	\$1,480 ✓	\$0	\$3,220
Schedule 2.11(d)4 - Site Dedicated Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Schedule 2.11(d)5 - Consumable Supplies	\$1,440 ✓	\$2,690 ✓	\$0	\$573 ✓	\$138	\$4,841
<b>TOTAL</b>	<b>\$2,337</b>	<b>\$5,675</b>	<b>\$0</b>	<b>\$2,069</b>	<b>\$154</b>	<b>\$10,234</b>

✓  
 ✓  
 ✓ needs to match 2.11(d)3  
 ✓  
 ✓  
 #170<sup>00</sup> extra

**Table 2.11 (d)1**

**EQUIPMENT PURCHASED UNDER THE CONTRACT**

D-004439-9.2

Modock Road Springs

**[WORKSHEET - to be submitted with Work Plan, but separately]**

<b>Item</b>	<b>Estimated Purchase Price</b>	<b>O&amp;M Rate</b>	<b>Estimated Number</b>	<b>Estimated Usage Cost</b>
<b>Total - All Tasks</b>				<b>\$0.00</b> ✓

**Table 2.11 (d) 3**

**MAXIMUM REIMBURSEMENT RATES - VENDER RENTED EQUIPMENT\***

D-004439-9.2  
Modock Road Springs

Item	Unit Price	Quantity	Total Budgeted Cost
ppbRae (Task 2)	\$350.00 /week	4 week	\$1,400.00
Horiba U-10 (Task 2)	\$170.00 /week	2 week	\$340.00
Horiba U-10 (Task 4)	\$170.00 /week	1 /week	\$170.00
Grundfos Pump (Task 4)	\$95.00 /week	1 /week	\$95.00
Generator (Task 4)	\$45.00 /week	1 /week	\$45.00
ppbRae (Task 4)	\$350.00 /week	2 /week	\$700.00
Hammer Drill (Task 4)	\$235.00 /week	2 /week	\$470.00
<b>Total</b>			<del>\$2,050.00</del>

\* Reimbursement will be paid at the actual receipted rental cost

\$3,220.<sup>00</sup>

Needs to match 2.11(d)



**Table 2.11 (d) 2**

**MAXIMUM REIMBURSEMENT RATES - CONSULTANT OWNED EQUIPMENT**

D-004439-9.2  
Modock Road Springs

<b>Item</b>	<b>O&amp;M Rate</b>	<b>Estimated Usage</b>	<b>Estimated Usage Cost</b>
Photoionization Detector (Task 1)	\$45 /day	15 days	\$675.00
Peristaltic Pump (Task 1)	\$15 /day	0 days	\$0.00
Low Value Equipment (Task 1)	\$0.80 /person/ field hour	277 hours	\$221.60
<b>Task 1 Total</b>			<b>\$896.60</b>
Photoionization Detector (Task 2)	\$45 /day	20 days	\$900.00
Trimble GPS (Task 2)	\$100 /day	0 days	\$0
Peristaltic Pump (Task 2)	\$15 /day	0 days	\$0.00
Low Value Equipment (Task 2)	\$0.80 /person/ field hour	431 hours	\$344.80
<b>Task 2 Total</b>			<b>\$1,244.80</b>
Trimble GPS (Task 3)	\$100 /day	0 days	\$0
Low Value Equipment (Task 3)	\$0.80 /person/ field hour	0 hours	\$0.00
<b>Task 3 Total</b>			<b>\$0.00</b>
Low Value Equipment (Task 4)	\$0.80 /person/ field hour	20 hours	\$16.00
<b>Task 4 Total</b>			<b>\$16.00</b>
Low Value Equipment (Task 5)	\$0.80 /person/ field hour	20 hours	\$16.00
<b>Task 5 Total</b>			<b>\$16.00</b>
<b>Total All Tasks</b>			<b>\$2,173.40</b>

Note: Trimble GPS rate was approved on 6/13/08

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: SUMMARY

**SCHEDULE 2.11 (g)**

DATE PREPARED: 07-Jul-09

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$105,940 ✓	
1a. INDIRECT COST - 1.753 %						\$185,713 ✓	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$291,653	3
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$291,653	3
4. TRAVEL & SUBSISTENCE						\$19,207	6
5. OTHER NON-SALARY COST						\$12,509 ✓	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$31,715 ✓	
7. SUBCONTRACTORS Management Fee included above						\$266,453 ✓ \$12,352 ✓	
8. TOTAL CONTRACT COST (3+6+7)						\$589,821 ✓	
9. FIXED FEE - 10.0 %						\$29,165 ✓	
10. TOTAL CONTRACT PRICE (8+9)						\$618,986 ✓	
11. RETAINAGE - 0 %						\$0	
12. CAP FORM SUBMISSION						\$618,986 ✓	

PROJECT MANAGER ENGINEER

DATE

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.2  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 1 - Work Plan Preparation

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 07-Jul-09  
 BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$23,053	
1a. INDIRECT COST - 1.753 %						\$40,412	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$63,465	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$63,465	
4. TRAVEL & SUBSISTENCE						\$7,208	
5. OTHER NON-SALARY COST						\$2,837	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$10,044	
7. SUBCONTRACTORS Management Fee included above						\$127,271 \$6,060	
8. TOTAL CONTRACT COST (3+6+7)						\$200,780	
9. FIXED FEE - 10.0 %						\$6,347	
10. TOTAL CONTRACT PRICE (8+9)						\$207,127	

PROJECT MANAGER ENGINEER

DATE

**SCHEDULE 2.11 (h)**  
**Modock Road Springs (#D-004439-9.2)**  
**MONTHLY COST CONTROL REPORT - SUMMARY OF LABOR HOURS**  
 Expended to Date/Estimated to Completion  
**[WORKSHEET - To be submitted, but separately]**

Billing Period:

NSPE Labor Classification		9	8	7	6	5	4	3	2	1	Tech	Total No. Direct Labor Hours	
Task #	Task Name	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	
Task 1	Work Plan Preparation	Exp	0	0	0	0	0	0	0	0	0	0	
		Est	5	51	67	2	0	12	240	275	22	130	804
		2007	5	51	66	2	0	8	-240	275	2	130	779
		2008	0	0	0	0	0	0	0	0	0	0	0
Task 2	Site Investigation	Exp	0	0	1	0	0	4	0	0	20	0	25
		Est	2	91	114	0	8	0	465	391	20	370	1,461
		2007	1	75	90	0	4	0	315	271	20	300	1,076
		2008	1	16	24	0	4	0	150	120	0	70	385
Task 3	Feasibility Study	Exp	0	0	0	0	0	0	0	0	0	0	0
		Est	8	67	101	0	0	72	149	58	24	0	479
		2007	0	0	0	0	0	0	0	0	0	0	0
		2008	8	49	65	0	0	0	145	58	20	0	345
Task 4	Supplemental Scope	Exp	0	18	36	0	0	72	4	0	4	0	134
		Est	0	18	110	0	0	246	30	39	155	0	598
		2007	0	0	0	0	0	0	0	0	0	0	0
		2008	0	10	64	0	0	158	0	39	81	0	352
		2009	0	8	46	0	0	88	30	0	74	0	246
		2009	0	18	36	0	0	72	4	0	4	0	134
Task 5	PRAP/ROD	Exp	0	0	0	0	0	0	0	0	0	0	0
		Est	0	18	36	0	0	72	4	0	4	0	134
		2007	0	0	0	0	0	0	0	0	0	0	0
		2008	0	0	0	0	0	0	0	0	0	0	0
		2009	0	18	36	0	0	72	4	0	4	0	134
		Subtotal 2009 hours	0	18	36	0	0	72	4	0	4	0	134
Subtotal 2007 hours		6	126	156	2	4	8	555	546	22	430	1,855	
Subtotal 2008 hours		9	75	153	0	4	158	295	217	101	70	1,082	
Subtotal 2009 hours		0	26	82	0	0	160	34	0	78	0	380	
Subtotal Exp hours		0	18	37	0	0	76	4	0	24	0	159	
Total Hours Exp		0	18	37	0	0	76	4	0	24	0	159	
Total Hours Est		15	227	391	2	8	326	884	763	201	500	3,317	

→ ? 779

→ ? 1486

→ ? 345

→ ? 405

→ ? 3342

↓  
? 392

↓  
? 330

↓  
? 221

All of the circled #'s do not match up w/ 2.11(b).

July 7, 2009

Ms. Lisa M. Lewis  
NYSDEC  
Div. of Environmental Remediation  
Bur. of Program Management  
625 Broadway, 12<sup>th</sup> Floor  
Albany, NY 12233-7012

Re: Modock Road Springs/DLS Sand and Gravel, Inc. Site (HW-35-013)  
Amendment to Work Assignment #D-004439-9.2

Dear Ms. Lewis:

Enclosed are amended 2.11 schedules for the above-referenced site. At the request of the New York State Department of Environmental Conservation (NYSDEC), Malcolm Pirnie, Inc. conducted or will conduct the following activities which are outside of the scope of the Project Management and Remedial Investigation/Feasibility Study (RI/FS) Work Plans submitted to NYSDEC on August 8, 2007 and the budget amendment submitted on November 21, 2008:

- Attendance at an additional public meeting/availability session during development of the Proposed Remedial Action Plan/Record of Decision (PRAP/ROD);
- Preparation of slides/posters for the public meeting/availability session;
- Review and response to comments on the RI/FS Reports; and
- Assist with development of the ROD responsiveness summary.

The following out-of-scope item has been added to Task 2 (Site Investigation):

- Two days of groundwater/surface water sampling and/or sub-slab depressurization system physical testing.

If you have any questions, please feel free to call me at (518) 250-7360.

Very truly yours,

MALCOLM PIRNIE, INC.



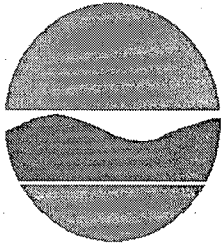
Bruce R. Nelson, C.P.G.  
Senior Associate

caw

Enclosures

H:\PROJECT\0266361\DOC\211\Lewis MRS Amendment.docx

c: Jason Pelton, NYSDEC



**New York State Department of Environmental Conservation**

625 Broadway • Albany, New York 12233-7011

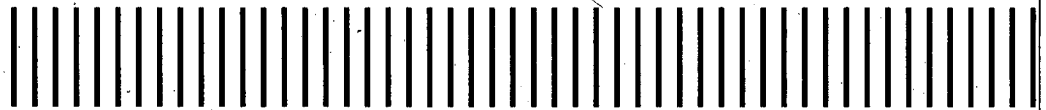
**Modock Road Springs/DLS Sand and  
Gravel, Inc. Site (HW 8-35-013)**

**Victor, New York**

**Work Assignment # D-004439-9.2**

# **Schedule 2.11s Amendment**

July 2009



Prepared By:

**Malcolm Pirnie, Inc.**

43 British American Blvd.  
Latham, New York 12110  
518-782-2100

0266361

**MALCOLM  
PIRNIE**

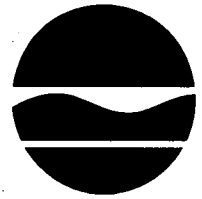
**New York State Department of Environmental Conservation**

**Division of Environmental Remediation, 12<sup>th</sup> Floor**

625 Broadway, Albany, New York 12233-7011

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

Website: [www.dec.ny.gov](http://www.dec.ny.gov)



Alexander B. Grannis  
Commissioner

December 29, 2008

Mr. Bruce Nelson  
Malcolm Pirnie, Inc.  
43 British-American Boulevard  
Latham, NY 12110

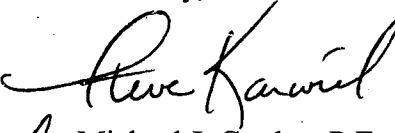
RE: **Schedule 2.11s Approval**  
**Work Assignment #D004439-9.1**  
**Modock Road Springs, Site #835013**

Dear Mr. Nelson:

The New York State Department of Environmental Conservation's Division of Environmental Remediation hereby approves the attached Schedule 2.11s for the above referenced work assignment (WA), increasing the present budget by \$77,363 for a total WA budget of \$597,937. Malcolm Pirnie may now submit a request for reimbursement for work completed under this WA.

If you have any questions regarding this WA, please contact the Project Manager, Jason Pelton, at (518) 402-9814.

Sincerely,



for Michael J. Cruden, P.E.  
Chief

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

Attachment

ec: bnelson@pirnie.com  
J. Pelton, PM  
L. Lewis, CM  
M. Cruden  
D. Desnoyers  
S. Ervolina  
D. Weigel  
R. Knizek  
J. White  
D. Finlayson  
T. Wolosen  
M/WBE Unit



## CAPITAL SPENDING

<b>Contract #:</b>	D004439 WA#9	<b>Type:</b>	Other	<b>Actual 08-09 Disbursements To Date:</b>	\$0
<b>Estimated Value:</b>	\$85,000	<b>Term:</b>	1 year	<b>Projected 08-09 Total Disbursements:</b>	\$85,000
				<b>Projected 09-10 Total Disbursements:</b>	\$0
<b>Project Name and Description:</b>	Malcolm Pirnie, Inc. Contract #D004439, Work Assignment #9, Modock Road Springs, Site #835013. Funds are needed for an amendment in order to continue the remedial investigation/feasibility study work so that a ROD can be issued in March 2009. Includes air and sub-slab vapor sampling in 6 residences this winter and physical testing in homes. This site is in a very public area, and there is a lot of public interest and pressure to make sure the site is properly cleaned up. The consultant must have the funds to complete a PRAP in time.				
<b>Justification:</b>	<b>Funding source is Hazardous Waste Cleanup Account. The authority for engineering standby contracts is granted by Environmental Conservation Law. Engineering standby contracts are typically used to address inactive hazardous waste sites or incidences under Navigaton Law. Cleanup of inactive hazardous waste sites are performed under 6 NYCRR Part 375 Environmental Remediation Programs. Once the contract is approved, site-specific work assignments are issued. Many of these sites require cleanup and site management over multiple years. The large number of sites, heightened public awareness, and the dual goals of protecting human health and the environment all contribute to environmental remediation programs being critical to DER's core mission. If this spending control approval request is not approved, DER would be unable to perform the remedial investigation/feasibility study and eventual cleanup. If this spending control approval request is not approved, DER would be unable to perform the necessary vapor intrusion and vapor mitigation work to determine and mitigate potential indoor air impacts to human health. Vapor intrusion/mitigation work is time critical in that investigations and eventual mitigations are related to the heating season. Delays in implementing the work assignment will likely result in an inability to complete the investigation, additional exposures to building inhabitants and increased costs due to inflation.</b>				
<b>Please check any of the following conditions that apply to this project:</b>					
<b>Presents an immediate, demonstrable threat to public health or safety.</b>					<input checked="" type="checkbox"/>
<b>Directly violates a court order or federal, state, or local law.</b>					<input checked="" type="checkbox"/>

## NON-PERSONAL SERVICE SPENDING REQUEST

<b>Agency:</b>	Environmental Conservation	<b>Agency Code:</b>	09000
<b>Agency Contact:</b>	Budget Services	<b>Phone Number:</b>	402-9228
<b>Request #:</b>	000274		

## CONTRACTS


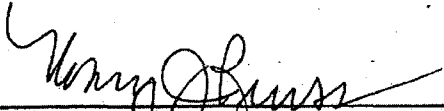
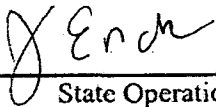
<b>Contract #:</b>		<b>Type:</b>	--Please Select--	<b>Projected 08-09 Disbursements:</b>	
<b>Estimated Value:</b>		<b>Term:</b>		<b>Projected 09-10 Disbursements:</b>	
<b>Description of Services:</b>					
<b>Justification:</b>					

## OTHER NON-PERSONAL SERVICE (AT OR ABOVE \$500)

Purchase Order #	Type	Description	Estimated Cost		Justification
			One Time	Annual	
	--Please Select--				

Results in a substantial reduction in federal aid.

AUTHORIZED SIGNATURES

 Agency Head	Approve	<input checked="" type="checkbox"/>	Disapprove	<input type="checkbox"/>	Date:	DEC 11 2008
 Division of the Budget Signature	Approve	<input checked="" type="checkbox"/>	Disapprove	<input type="checkbox"/>	Date:	12/22/08
 State Operations Signature	Approve	<input checked="" type="checkbox"/>	Disapprove	<input type="checkbox"/>	Date:	12/20/08

**From:** Jason Pelton  
**To:** Lewis, Lisa  
**Date:** 12/26/2008 7:58 AM  
**Subject:** Re: Approval needed for Modock Road Amendment 1 budget package

Lisa:

I have reviewed and approve the Modock Road Springs Amendment.

Thanks,

Jason

>>> Lisa Lewis 12/24/2008 2:58 PM >>>

Hi Jason-

I need an e-mail from you giving your approval of the Modock Road Springs Amendment, D004439-9.1.

Thanks,

Lisa

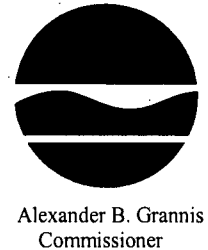
Lisa M. Lewis  
Contract Manager  
NYS Dept. of Environmental Conservation  
Division of Environmental Remediation  
Bureau of Program Management  
Contracts & Payments Section  
625 Broadway, 12th Floor  
Albany, NY 12233-7012

Phone: (518) 402-9601

Fax: (518) 402-9722

Email: [lmlewis@gw.dec.state.ny.us](mailto:lmlewis@gw.dec.state.ny.us)

**New York State Department of Environmental Conservation**  
**Division of Management & Budget Services**  
**Office of Affirmative Action and Minority/Women's**  
**Business Programs, 10<sup>th</sup> Floor**  
625 Broadway, Albany, New York 12233-5028  
**Phone:** (518) 402-9311 • **FAX:** (518) 402-9230  
**Website:** www.dec.ny.gov



December 29, 2008

Mr. Daniel Loewenstein, P.E.  
Malcolm Pirnie, Inc.  
43 British American Blvd.  
Latham, New York 12110

RE: Contract # D004439-9.1  
Town of Victor  
Department of Environmental Remediation  
Minority and Women's Business Program

Dear Mr. Loewenstein:

The Bureau of Minority and Women's Business Program (M/WBP) has received your Minority and Women's Business Program-Equal Employment Opportunity (M/WBP-EEO) Program Utilization Plan and a list of the proposed items to be subcontracted for the above-referenced contract. Based on a review of the documents submitted, the following determinations have been made:

The Utilization Plan is acceptable with the following M/WBP goals:

<u>Total Contract Cost:</u>	(100%)	\$ 597,937.00
<u>MBE Goal/Amount:</u>	(15%)	\$ 89,690.55
<u>WBE Goal/Amount:</u>	(5%)	\$ 29,896.85
<u>Combined Goal/Amount:</u>	(20%)	\$ 119,587.40

EEO Goals: 10% Minority Work Force Participation  
10% Female Work Force Participation

The following New York State Certified firms listed in your utilization plan are acceptable for program crediting purposes:

<u>MBE Firm</u>	<u>Scope of Work</u>	<u>Contract Amount</u>
Om P. Popli	Survey	\$ 3,688.00
Chemtech	Air Analytical	\$ 12,530.00
Larsen Engineers	Field Assistance	\$ 8,180.00
<u>WBE Firm</u>	<u>Scope of Work</u>	<u>Contract Amount</u>
Geologic NY, Inc.	Direct-Push Drilling	\$ 19,200.00
Data Validation Services	Data Validation	\$ 6,340.00
Aztech Technologies	Direct Push Drilling and temporary well installation	\$ 6,206.00

The Equal Employment Opportunity (EEO) portion of the submitted M/WBP-EEO Utilization Plan exceeds the established work force objectives.

To verify M/WBE participation, please maintain the following documentation for review by this office:

- a) Contractor's detailed MWBE Utilization Plan or any revised MWBE Utilization Plans.
- b) Review file for utilization plan approval letters from NYSEFC.
- c) Signed subcontractor agreements.
- d) Purchase orders.
- e) Cancelled checks (both sides).
- f) Notarized payment statements.
- g) Quarterly reports.

- h) Documentation of good faith efforts contractors-i.e., telephone logs, newspaper and journal advertisement, certified letters sent to M/WBEs, written responses from M/WBEs, bid proposals, quotes and acceptance letters.

If deemed necessary, actual compliance levels will be conducted at your place of business.

The M/WBP will monitor the Federal/State assistance recipient(s) progress in meeting the established goals throughout the project duration and will provide the necessary technical assistance to ensure the success of the program. To ensure M/WBE utilization, you are required to submit, to this office, quarterly reports when notified.

Please be advised that failure to attain the stipulated goal percentages, or to provide documented Good Faith Efforts, may lead to the withholding of progress payments or other sanctions as provided by Federal State Laws until effective remedial steps have been implemented.

If you have any questions regarding the above, please call me at (518) 402-9311.

Sincerely,

Christopher Hale  
Minority Business Specialist I

c: J. Abadia

## Cost Review for Work Plan or Amendment

**Contractor Name:** Malcolm Pirnie  
**WA # and Name:** Modock Road Springs, D004439-9.1

**Date:** 12/29/08  
**Reviewer:** Lisa Lewis

<b>GENERAL COST REVIEW CHECKLIST</b>		<b>Yes</b>	<b>No</b>	<b>Comments</b>
	A complete set of 2.11 Schedules (a) through (h) is attached.	X		
	Budget package includes a cover letter and an M/WBE Utilization Plan.	X		
<b>1.</b>	<b>Schedule 2.11(b) - Direct Labor</b>			
	Average reimbursement rates are used for each year. Future years escalate 3%	X		
	Hours are segregated by year.	X		
	Total cost for each NSPE level is shown.	X		
	Total direct labor costs match amounts on Schedule 2.11(a).	X		
	The Principal's (NSPE level 9) labor hours charged to WA are less than 2% of the total.	X		
	Total labor hours match hours on Schedule 2.11(h).	X		
<b>2.</b>	<b>Schedule 2.11(b-1) - Direct Administrative Labor Hours</b>			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	X		6% = Okay
<b>3.</b>	<b>Schedules 2.11(c) and (d) - Direct Non-Salary Costs</b>			
	Rates listed in Schedule 2.11(c) are consistent with contract.	X		
	Rates for in-house and/or miscellaneous costs match contract Schedule 2.10(b).	X		
	Quotes are included for any non-contract item ( <u>including</u> equipment purchases & rentals; <u>excluding</u> air fare) >\$1k. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	---	---	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. If they're not in ICR, they are included in 2.10(b) or 2.10(c). Field costs must be receipted.	X		
	Appropriate lodging/per diem/mileage rates are used.	X		
	Schedule 2.11(d)1 - All equipment purchased is supported by cost justification that's acceptable to the CM. Equipment is to be maintained by the contractor or turned over to DEC, and it must be added to contractor's inventory list (include a revised copy).	---	---	N/A
	Schedule 2.11(d)2 - Rates for consultant-owned equipment match Schedule 2.10(c).	X		
	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.	X		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	X		
<b>4.</b>	<b>Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts</b>			
	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



	<b>Schedule 2.11(e) - Continued</b>	<b>Yes</b>	<b>No</b>	<b>Comments</b>
	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.	---	---	
	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.	---	---	
<b>5.</b>	<b>Schedule 2.11(f) - Unit Price Subcontracts</b>			
	There are quotes for non-standby subcontracts >\$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	X		All subs but one are cont'd from orig WA
	<i>Standby Drillers</i> (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.	X		
	<i>Standby Labs and Data Validators</i> (rotate use) - Unit costs match those in contract(s).	X		
	<i>M/WBE</i> - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by an engineer's estimate.	X		
	Cost reasonableness of sole/single source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).	---	---	N/A
	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.)	X		
	Total subcontract costs match the amounts on Schedule 2.11(a).	X		
	Justification is attached for subcontracts >\$100,000 supporting a determination not to design and competitively bid the work. Response-type activities (drum removals, other construction-type activities) must be competitively bid unless otherwise approved	---	---	N/A
	Subcontractor certification(s) have been submitted.	X		
<b>6.</b>	<b>Schedule 2.11(g) - Cost Control Report</b>			
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	X		
<b>7.</b>	<b>Schedule 2.11(g) Supplemental - Cost Control Report (subs)</b>			
	Schedules include all applicable subcontracts and management fees (for unit price only).	X		
<b>8.</b>	<b>Schedule 2.11(a)</b>			
	Rates for indirect and fixed fee match contract rates.	X		
	All numbers rolled up into Schedule 2.11(a) add up.	X		

Rev. 12/22/08

**From:** Lisa Lewis  
**To:** bnelson@pirnie.com; Flusche, Mark A.  
**CC:** Pelton, Jason  
**Date:** 12/24/2008 1:57 PM  
**Subject:** Comments on Modock Amend 1 budget pages

Hi-

I completed my review of the Modock budget pages and found no problems that will affect the money. There are just a couple of paperwork issues:

1. In July, I approved a revised Popli surveying cost with an additional \$442, to be handled at closeout. This still holds true and I'm not asking you to revise the 2.11s to accommodate the higher Popli budget.
2. In August, I approved the use of EP&S to do the disposal work, after you'd realized there would be fewer drums to remove and they submitted a revised, lower quote. Again, I am not asking you to revise the 2.11s to switch the disposal subcontractor from EWMI to EP&S - we can leave the higher budget in place as a "buffer" for other unexpected costs. However, I DO need to have a subcontractor certification form for EP&S if you still intend to use them for disposal (see below).
3. Finally, I need to have subcontractor certification forms for Chemtech, Larsen Engineers, and EP&S. Out of the 12 subcontractors listed, those are the only ones I don't have on file, from this amendment submission or from the original WA papers.

That's it. I sent the pdf down to M/WBE, and as soon as I receive their okay I'll have Mike sign the approval letter. (I'm out Friday and he's out Monday, so it may be Tuesday at the earliest.)

Take care,  
Lisa

Lisa M. Lewis  
Contract Manager  
NYS Dept. of Environmental Conservation  
Division of Environmental Remediation  
Bureau of Program Management  
Contracts & Payments Section  
625 Broadway, 12th Floor  
Albany, NY 12233-7012

Phone: (518) 402-9601  
Fax: (518) 402-9722  
Email: lmlewis@gw.dec.state.ny.us

November 21, 2008

APPROVED  
LML 12/29/08

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

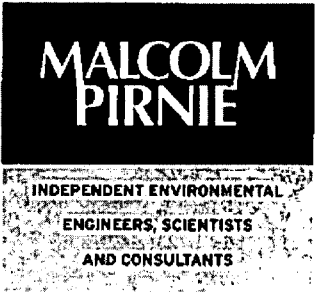
Re: Modock Road Springs/DLS Sand and Gravel, Inc. Site (HW ~~33013~~ 835013)  
Amendment to Work Assignment #D-004439-9.1

Dear Ms. Lewis:

Enclosed are amended 2.11 schedules for the above-referenced site. At the request of NYSDEC, Malcolm Pirnie, Inc. conducted the following activities which were outside of the scope of the Project Management and Remedial Investigation/Feasibility Study Work Plans submitted to NYSDEC on August 8, 2007:

- ▣ Excavation of 11 test pits and analysis of 17 soil samples;
- ▣ Collection of four groundwater and soil samples for analysis of non-VOC compounds;
- ▣ Drilling an additional 233 feet and installation of one additional monitoring well;
- ▣ Testing of hydraulic conductivity at 19 monitoring wells;
- ▣ Hand installation of three piezometers, Geoprobe installation of four 1-inch wells, and subsequent groundwater sampling;
- ▣ Sampling of indoor air and sub-slab vapor at four additional residences;
- ▣ Testing of sub-slab depressurization system communication at more than 20 residences;
- ▣ Attendance at three public meetings/availability sessions instead of two; and
- ▣ Preparation of a full Interim Remedial Measures Focused Feasibility Study Report instead of a letter report.

In addition, previously unbudgeted costs for upcoming air and sub-slab vapor sampling in 6 residences this winter and physical testing in homes with existing sub-slab depressurization systems are included in the amended 2.11 schedules.



Ms. Lisa Lewis  
NYSDEC  
November 21, 2008  
Page 2 of 2

APPROVED

If you have any questions, please feel free to contact me at (518) 782-2100.

Very truly yours,

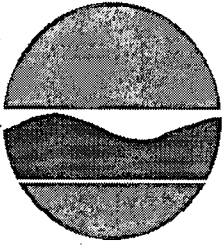
MALCOLM PIRNIE, INC.

A handwritten signature in black ink, appearing to read "Bruce R. Nelson".

Bruce R. Nelson, C.P.G.  
Senior Associate

Enclosures  
H:\PROJECT\0266361\FILE\Amendment\Lewis Ltr - MRS Amendment.doc

c: Jason Pelton  
Joseph White



**New York State Department of Environmental Conservation**

625 Broadway • Albany, New York 12233-7011

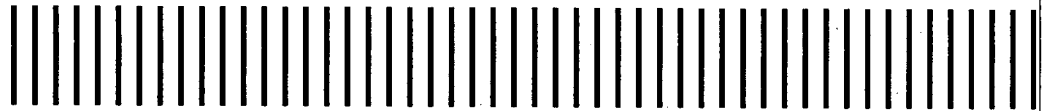
**Modock Road Springs/DLS Sand and  
Gravel, Inc. Site (HW 8-35-013)**

**Victor, New York**

**Work Assignment # D-004439-9.1A**

# **Schedule 2.11s Amendment**

November 2008



Plan Prepared By:

**Malcolm Pirnie, Inc.**

43 British American Blvd.  
Latham, New York 12110  
518-782-2100

0266361

**MALCOLM  
PIRNIE**

**Schedule 2.11 (a)**  
**SUMMARY OF WORK ASSIGNMENT PRICE**  
D-004439-9.1A  
Modock Road Springs

1. Direct Salary Costs [Schedule 2.11(b)]		\$99,379	✓
2. Indirect Costs (1.753)		\$174,211	✓
3. Direct Non-Salary Costs [Schedule 2.11(c)(d)]		\$30,535	✓

**Subcontract Costs:**

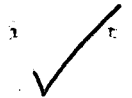
**Cost-plus-fixed-fee Subcontracts [Schedule 2.11 (e)]**

Name of Subcontractor	Services To Be Performed		Subcontractor Price
A.	0	0	\$0
<b>4. Subtotal Cost-plus-fixed-fee Subcontracts</b>			<b>\$0</b>

**Unit Price Subcontracts [Schedule 2.11(f)]**

Name of Subcontractor	Services To Be Performed		Subcontractor Price
A. Laboratory - Chemtech (MBE)	Air Analytical		\$12,530
B. Laboratory - TestAmerica	Soil and GW Analytical		\$17,465
C. Data Validation - Data Validation Services (WBE)	Data Validation		\$6,340
D. Springs Geoprobe - Aztech Technologies (WBE)	Geoprobe Drilling		\$6,206
E. Soil Gas Analysis - Beacon Environmental Services Inc.	Soil Gas Analysis		\$28,054
F. Sonic Drilling - Stearns Drilling	Sonic Drilling		\$119,010
H. MIP Drilling - Zebra Environmental	MIP Drilling		\$26,350
I. IDW - EWMI	IDW Disposal		\$3,100
J. DLS Property Geoprobe - Geologic NY (WBE)	Geoprobe Drilling		\$19,200
K. Survey - Om P Popli (MBE)	Survey		\$3,688
L. Larsen Engineers- Field Crew (MBE)	Field Work Assistance		\$8,180
M. Laboratory - Columbia Analytical Services	Air Analytical		\$3,978
<b>5. Total Unit Price Subcontracts</b>			<b>\$254,101</b>

6. Subcontract Management Fee		\$12,352	✓
7. Total Subcontract Costs (lines 4+5+6)		\$266,453	✓
8. Fixed Fee		\$27,359	✓
<b>9. Total Work Assignment Price (lines 1+2+3+7+8)</b>			<b>\$597,937</b>

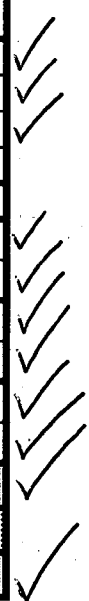


**SCHEDULE 2.11 (b) - Tasks 1 through 4**

**SUMMARY TOTAL OF DIRECT LABOR HOURS**

D-004439-9.1A  
Modock Road Springs

NSPE Labor Classification		9	8	7	6	5	4	3	2	1	Tech	
Average 2007 Rate		\$65.98	\$65.98	\$55.81	\$42.30	\$36.01	\$32.84	\$28.14	\$24.56	\$20.10	\$13.69	
Average Tasks 1-3 2008 Rate		\$67.96	\$67.96	\$57.48	\$43.57	\$37.09	\$33.83	\$28.98	\$25.30	\$20.70	\$14.10	
Average Task 4 2008 Rate		\$68.54	\$68.54	\$57.97	\$43.94	\$37.41	\$34.11	\$29.23	\$25.51	\$20.88	\$14.59	
Average 2009 Rate		\$70.60	\$70.60	\$59.71	\$45.26	\$38.53	\$35.13	\$30.11	\$26.28	\$21.51	\$15.03	
Task #	Task Name	Total Direct Labor Hours by Task for each NSPE Labor Classification										Total Direct Labor Hours Budgeted
Task 1	Work Plan Preparation	5	51	66	2	0	8	240	275	2	130	779
Task 2	Site Investigation	2	91	114	0	8	0	465	391	20	370	1,461
Task 3	Feasibility Study	8	49	65	0	0	0	145	58	20	0	345
Task 4	Supplemental Scope	0	18	110	0	0	246	30	39	155	0	598
<b>Subtotals:</b>												<b>TOTALS:</b>
2007 hours:		6	126	156	2	4	8	555	546	22	430	1,855
2007 costs:		\$395.88	\$8,313.48	\$8,706.36	\$84.60	\$144.04	\$262.72	\$15,617.70	\$13,409.76	\$442.20	\$5,886.70	\$53,263.44
2008 hours:		9	75	153	0	4	158	295	217	101	70	1,082
2008 costs:		\$611.64	\$5,102.80	\$8,825.80	\$0.00	\$148.36	\$5,389.38	\$8,549.10	\$5,498.29	\$2,105.28	\$987.00	\$37,217.65
2009 hours:		0	8	46	0	0	88	30	0	74	0	246
2009 costs:		\$0.00	\$564.80	\$2,746.66	\$0.00	\$0.00	\$3,091.44	\$903.30	\$0.00	\$1,591.74	\$0.00	\$8,897.94
<b>Total Work Assignment Hours</b>		<b>15</b>	<b>209</b>	<b>355</b>	<b>2</b>	<b>8</b>	<b>254</b>	<b>880</b>	<b>763</b>	<b>197</b>	<b>500</b>	<b>3,183</b>
<b>Total Cost for Each NSPE Level</b>		<b>\$1,007.52</b>	<b>\$13,981.08</b>	<b>\$20,278.82</b>	<b>\$84.60</b>	<b>\$292.40</b>	<b>\$8,743.54</b>	<b>\$25,070.10</b>	<b>\$18,908.05</b>	<b>\$4,139.22</b>	<b>\$6,873.70</b>	
<b>Total Work Assignment Direct Labor Cost</b>												<b>\$99,379.03</b>



**SCHEDULE 2.11 (b-1) - Tasks 1 through 4**

**SUMMARY TOTAL OF DIRECT ADMINISTRATIVE LABOR HOURS**

D-004439-9.1A  
Modock Road Springs

NSPE Labor Classification	9	8	7	6	5	4	3	2	1	
Average 2007 Rate	\$65.98	\$65.98	\$55.81	\$42.30	\$36.01	\$32.84	\$28.14	\$24.56	\$20.10	
Average 2008 Rate	\$68.54	\$68.54	\$57.97	\$43.94	\$37.41	\$34.11	\$29.23	\$25.51	\$20.88	
Average 2009 Rate	\$70.60	\$70.60	\$59.71	\$45.26	\$38.53	\$35.13	\$30.11	\$26.28	\$21.51	
TASK	Total Direct Administrative Hours by Task for each NSPE Labor Classification									Total Direct Administrative Hours
Task 1	0	7	0	2	0	8	0	5	2	24
Task 2	0	35	0	0	0	0	0	51	20	106
Task 3	0	9	0	0	0	0	0	8	10	27
Task 4	0	4	0	0	0	2	0	8	5	19
<b>Subtotals:</b>										<b>TOTALS:</b>
2007 Hours	0	51	0	2	0	8	0	64	32	157
2007 Task 1 Costs	\$0.00	\$461.86	\$0.00	\$84.60	\$0.00	\$262.72	\$0.00	\$122.80	\$40.20	\$972.18
2007 Task 2 Costs	\$0.00	\$2,309.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,252.56	\$402.00	\$3,963.86
2007 Task 3 Costs	\$0.00	\$593.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$196.48	\$201.00	\$991.30
2007 Costs	\$0.00	\$3,364.98	\$0.00	\$84.60	\$0.00	\$262.72	\$0.00	\$1,571.84	\$643.20	\$5,927.34
2008 Hours	0	4	0	0	0	2	0	8	5	19
2008 Costs	\$0.00	\$274.16	\$0.00	\$0.00	\$0.00	\$68.22	\$0.00	\$204.08	\$104.40	\$650.86
<b>Total Hours</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>72</b>	<b>37</b>	<b>176</b>
<b>Total Cost (NSPE Level)</b>	<b>\$0.00</b>	<b>\$3,639.14</b>	<b>\$0.00</b>	<b>\$84.60</b>	<b>\$0.00</b>	<b>\$330.94</b>	<b>\$0.00</b>	<b>\$1,775.92</b>	<b>\$747.60</b>	
<b>Total Work Assignment Direct Administrative Cost</b>										<b>\$6,578.20</b>



**Schedule 2.11 (c)**

**DIRECT NON-SALARY COSTS**

D-004439-9.1A

Modock Road Springs

<b>Item</b>	<b>Maximum Reimbursement Rate</b>	<b>Estimated Number of Units</b>	<b>Estimated Cost</b>	<b>Total Estimated Cost</b>
<b>In-house</b>				
Mail	At Cost	At Cost	\$2,125.00	\$2,125.00
<b>Miscellaneous</b>				
2007 Per Diem (full day)	\$131.00 /day	30 days	\$3,930.00	
2007 Per Diem (first day & lodging)	\$120.00 /day	44 days	\$5,280.00	
2007 Per Diem (last day & 75% meals)	\$33.00 /day	44 days	\$1,452.00	
2008 Per Diem (full day)	\$145.00 /day	5 days	\$725.00	
2008 Per Diem (first day & lodging)	\$134.00 /day	6 days	\$804.00	
2008 Per Diem (last day & 75% meals)	\$33.00 /day	2 days	\$66.00	
Mileage (2007)	\$0.485 /mile	9,900 miles	\$4,801.50	
Mileage (2008)	\$0.585 /mile	2,200 miles	\$1,287.00	\$18,345.50
<b>TOTAL</b>				<b>\$20,471.00</b>

**Schedule 2.11 (d)**

**SUMMARY OF EQUIPMENT ACTIVITY**

D-004439-9.1A

Modock Road Springs

SCHEDULE	Task 1	Task 2	Task 3	Task 4	Total Budgeted Cost
Schedule 2.11(d)1 - Department Purchased Equipment	\$0	\$0	\$0	\$0	\$0
Schedule 2.11(d)2 - Malcolm Pirnie Owned	\$897	\$1,229	\$0	\$16	\$2,141
Schedule 2.11(d)3 - Rented Equipment	\$0	\$1,740	\$0	\$1,480	\$3,220
Schedule 2.11(d)4 - Site Dedicated Equipment	\$0	\$0	\$0	\$0	\$0
Schedule 2.11(d)5 - Consumable Supplies	\$1,440	\$2,690	\$0	\$573	\$4,703
<b>TOTAL</b>	<b>\$2,337</b>	<b>\$5,659</b>	<b>\$0</b>	<b>\$2,069</b>	<b>\$10,064</b>



**Table 2.11 (d)1**

**EQUIPMENT PURCHASED UNDER THE CONTRACT**

D-004439-9.1A

Modock Road Springs

**[WORKSHEET - to be submitted with Work Plan, but separately]**

<b>Item</b>	<b>Estimated Purchase Price</b>	<b>O&amp;M Rate</b>	<b>Estimated Number</b>	<b>Estimated Usage Cost</b>
<b>Total - All Tasks</b>				<b>\$0.00</b>



**Table 2.11 (d) 2**

**MAXIMUM REIMBURSEMENT RATES - CONSULTANT OWNED EQUIPMENT**

D-004439-9.1A

Modock Road Springs

<b>Item</b>	<b>O&amp;M Rate</b>	<b>Estimated Usage</b>	<b>Estimated Usage Cost</b>
Photoionization Detector (Task 1)	\$45 /day	15 days	\$675.00
Peristaltic Pump (Task 1)	\$15 /day	0 days	\$0.00
Low Value Equipment (Task 1)	\$0.80 /person/ field hour	277 hours	\$221.60
<b>Task 1 Total</b>			<b>\$896.60</b>
Photoionization Detector (Task 2)	\$45 /day	20 days	\$900.00
Trimble GPS (Task 2)	\$100 /day	0 days	\$0
Peristaltic Pump (Task 2)	\$15 /day	0 days	\$0.00
Low Value Equipment (Task 2)	\$0.80 /person/ field hour	411 hours	\$328.80
<b>Task 2 Total</b>			<b>\$1,228.80</b>
Trimble GPS (Task 3)	\$100 /day	0 days	\$0
Low Value Equipment (Task 3)	\$0.80 /person/ field hour	0 hours	\$0.00
<b>Task 3 Total</b>			<b>\$0.00</b>
Low Value Equipment (Task 4)	\$0.80 /person/ field hour	20 hours	\$16.00
<b>Task 4 Total</b>			<b>\$16.00</b>
<b>Total All Tasks</b>			<b>\$2,141.40</b>

Note: Trimble GPS rate was approved on 6/13/08



**Table 2.11 (d) 3**

**MAXIMUM REIMBURSEMENT RATES - VENDER RENTED EQUIPMENT\***

D-004439-9.1A  
Modock Road Springs

Item	Unit Price	Quantity	Total Budgeted Cost
ppbRae (Task 2)	\$350.00 /week	4 week	\$1,400.00
Horiba U-10 (Task 2)	\$170.00 /week	2 week	\$340.00
Horiba U-10 (Task 4)	\$170.00 /week	1 /week	\$170.00
Grundfos Pump (Task 4)	\$95.00 /week	1 /week	\$95.00
Generator (Task 4)	\$45.00 /week	1 /week	\$45.00
ppbRae (Task 4)	\$350.00 /week	2 /week	\$700.00
Hammer Drill (Task 4)	\$235.00 /week	2 /week	\$470.00
<b>Total</b>			\$3,220.00 <del>\$1,150.00</del>



*\* Reimbursement will be paid at the actual receipted rental cost*

**Table 2.11 (d) 4**

**MAXIMUM REIMBURSEMENT RATES - SITE-DEDICATED EQUIPMENT**

D-004439-9.1A

Modock Road Springs

Item	Unit Price	Quantity	Total Estimated Cost
			\$0.00
			\$0.00
			\$0.00
<b>Total</b>			<b>\$0.00</b>

**Table 2.11 (d) 5**

**DETAILED BREAKDOWN OF CONSUMABLE SUPPLIES\***

D-004439-9.1A  
Modock Road Springs

Item	Unit Price	Quantity	Total Budgeted Cost
<b>Task 1</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$200.00 Lump Sum	1 Lump Sum	\$200.00
Aerial Photographs	\$290.00 Lump Sum	1 Lump Sum	\$290.00
PPE Level D	\$19.00 /man - day	50 /man - day	\$950.00
<b>Total - Task 1</b>			<b>\$1,440.00</b>
<b>Task 2</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$600.00 Lump Sum	1 Lump Sum	\$600.00
Passive Diffusion Bags	\$28.50 /bag	40 bags	\$1,140.00
PPE Level D	\$19.00 /man - day	50 /man - day	\$950.00
<b>Total - Task 2</b>			<b>\$2,690.00</b>
<b>Task 3</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$200.00 Lump Sum	0 Lump Sum	\$0.00
<b>Total - Task 3</b>			<b>\$0.00</b>
<b>Task 4</b>			
Miscellaneous Supplies (Up to \$1,000 total)**	\$200.00 Lump Sum	0 Lump Sum	\$0.00
Poly Tubing	\$125.00 Lump Sum	1 Lump Sum	\$125.00
Filters	\$14.50 each	4 filters	\$58.00
Decontamination Supplies	\$80.00 Lump Sum	1 Lump Sum	\$80.00
Teflon Tubing	\$2.50 foot	25 feet	\$62.50
PPE Level D	\$19.00 /man - day	13 /man - day	\$247.00
<b>Total - Task 4</b>			<b>\$572.50</b>
<b>TOTAL</b>			<b>\$4,702.50</b>

Notes:

\* Each item costing over \$100 should be identified on a separate line.

*Note: Consumable supplies such as gas, diesel fuel, oil, film, stakes, ice, distilled water, rope shall be direct billed with appropriate receipts.*

Schedule 2.11 (e)

**SUMMARY OF COST-PLUS-FIXED-FEE SUBCONTRACTORS**  
**D-004439-9.1A**  
**Modock Road Springs**

Item	Services To Be Performed	Subcontract Price				
		Task 1	Task 2	Task 3	Task 4	Total
1.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>SUBTOTAL</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Management Fee</b>						
1.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>MANAGEMENT FEE SUBTOTAL</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TOTAL</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>





Schedule 2.11 (f)

**SUMMARY OF UNIT PRICE SUBCONTRACTORS**  
D-004439-9.1A  
Modock Road Springs

Item	Services To Be Performed	Subcontract Price					Management Fee (5%)					
		Task 1	Task 2	Task 3	Task 4	Total	Task 1	Task 2	Task 3	Task 4	Total	
1.	Laboratory - Chemtech (MBE)	Air Analytical	\$0.00	\$12,530.00	\$0.00	\$0.00	\$12,530.00	\$0.00	\$627.00	\$0.00	\$0.00	\$627.00
2.	Laboratory - TestAmerica	Soil and GW Analytical	\$6,265.00	\$8,610.00	\$0.00	\$2,590.00	\$17,465.00	\$313.00	\$431.00	\$0.00	\$130.00	\$874.00
3.	Data Validation - Data Validation Services (WBE)	Data Validation	\$1,760.00	\$4,125.00	\$0.00	\$455.00	\$6,340.00	\$88.00	\$206.00	\$0.00	\$23.00	\$317.00
4.	Springs Geoprobe - Aztech Technologies (WBE)	Geoprobe Drilling	\$6,206.00	\$0.00	\$0.00	\$0.00	\$6,206.00	\$310.00	\$0.00	\$0.00	\$0.00	\$310.00
5.	Soil Gas Analysis - Beacon Environmental Services Inc.	Soil Gas Analysis	\$16,900.00	\$11,154.00	\$0.00	\$0.00	\$28,054.00	\$845.00	\$558.00	\$0.00	\$0.00	\$1,403.00
6.	Sonic Drilling - Stearns Drilling	Sonic Drilling	\$54,130.00	\$64,880.00	\$0.00	\$0.00	\$119,010.00	\$2,706.50	\$3,244.00	\$0.00	\$0.00	\$5,950.50
7.	MIP Drilling - Zebra Environmental	MIP Drilling	\$26,350.00	\$0.00	\$0.00	\$0.00	\$26,350.00	\$1,317.50	\$0.00	\$0.00	\$0.00	\$1,317.50
8.	IDW - EWMI	IDW Disposal	\$0.00	\$3,100.00	\$0.00	\$0.00	\$3,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9.	DLS Property Geoprobe - Geologic NY (WBE)	Geoprobe Drilling	\$9,600.00	\$9,600.00	\$0.00	\$0.00	\$19,200.00	\$480.00	\$480.00	\$0.00	\$0.00	\$960.00
10.	Survey - Om P Popli (MBE)	Survey	\$0.00	\$3,688.00	\$0.00	\$0.00	\$3,688.00	\$0.00	\$184.00	\$0.00	\$0.00	\$184.00
11.	Larsen Engineers- Field Crew (MBE)	Field Work Assistance	\$0.00	\$8,180.00	\$0.00	\$0.00	\$8,180.00	\$0.00	\$409.00	\$0.00	\$0.00	\$409.00
12.	Laboratory - Columbia Analytical Services	Air Analytical	\$0.00	\$0.00	\$0.00	\$3,978.00	\$3,978.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>TOTAL</b>			<b>\$121,211.00</b>	<b>\$125,867.00</b>	<b>\$0.00</b>	<b>\$7,023.00</b>	<b>\$254,101.00</b>	<b>\$6,060.00</b>	<b>\$6,139.00</b>	<b>\$0.00</b>	<b>\$153.00</b>	<b>\$12,352.00</b>

- same as orig WA

**Table 2.11 (f-1)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**Laboratory - Chemtech (MBE)**

Task	Parameter	Method	Matrix	No. of Tests	Unit Rate <sup>(1)</sup> (\$)	Total (\$)
Task 1	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	0	179.00	\$0.00
<b>SUTOTAL - Task 1</b>						<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>						<b>\$0.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>						<b>\$0.00</b>
Task 2	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	70	179.00	\$12,530.00
<b>SUTOTAL - Task 2</b>						<b>\$12,530.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>						<b>\$627.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>						<b>\$13,157.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>						<b>\$13,157.00</b>

Note: These costs assume a standard turn around time.

- same as orig WA

<p align="center"><b>Table 2.11 (f-2)</b>  <b>DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS</b>  D-004439-9.1A  Modock Road Springs  <b>Laboratory - TestAmerica</b></p>						
Task	Parameter	Method	Matrix	No. of Tests	Unit Rate (\$)	Total (\$)
Task 1	VOC	8260B	Soil	54	70.00	\$3,780.00
Task 1	VOC (2-Day Turn)	8260B	Soil	6	87.50	\$525.00
Task 1	VOC	8260B	Groundwater	28	70.00	\$1,960.00
<b>SUTOTAL - Task 1</b>						<b>\$6,265.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>						<b>\$313.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>						<b>\$6,578.00</b>
Task 2	VOC	8260B	Soil	60	70.00	\$4,200.00
Task 2	VOC	8260B	Groundwater	63	70.00	\$4,410.00
<b>SUTOTAL - Task 2</b>						<b>\$8,610.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>						<b>\$431.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>						<b>\$9,041.00</b>
Task 4	Metals	6010B	Soil/GW	8	95.00	\$760.00
Task 4	Pesticides	8081A	Soil/GW	6	55.00	\$330.00
Task 4	PCBs	8082	Soil/GW	6	40.00	\$240.00
Task 4	SVOCs	8270C	Soil/GW	6	185.00	\$1,110.00
Task 4	Total Cyanide	9012B	Soil/GW	6	25.00	\$150.00
<b>SUTOTAL - Task 4</b>						<b>\$2,590.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>						<b>\$130.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>						<b>\$2,720.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>						<b>\$15,619.00</b>

Note: Unless noted, these costs assume a standard turn around time.  
Note: Maintenance fee assessed because total subcontract is greater than \$10,000.

- Cont'd from orig WA

**Table 2.11 (f-3)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**Data Validation - Data Validation Services (WBE)**

Item	Unit Cost	No. of Items	Total Cost
<b>Task 1</b>			
Data Validation - Soil	\$20.00 /sample	60 samples	\$1,200.00
Data Validation - Groundwater	\$20.00 /sample	28 samples	\$560.00
Data Validation - Air	\$25.00 /sample	0 samples	\$0.00
Data Validation - Soil Vapor	\$30.00 /sample	0 samples	\$0.00
<b>SUTOTAL - Task 1</b>			<b>\$1,760.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$88.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$1,848.00</b>
<b>Task 2</b>			
Data Validation - Soil	\$20.00 /sample	60 samples	\$1,200.00
Data Validation - Groundwater	\$20.00 /sample	63 samples	\$1,260.00
Data Validation - Air	\$25.00 /sample	45 samples	\$1,125.00
Data Validation - Soil Vapor	\$30.00 /sample	18 samples	\$540.00
<b>SUTOTAL - Task 2</b>			<b>\$4,125.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$206.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$4,331.00</b>
<b>Task 4</b>			
Data Validation - Soil	\$20.00 /sample	0 samples	\$0.00
Data Validation - Groundwater	\$20.00 /sample	0 samples	\$0.00
Data Validation - Air	\$25.00 /sample	11 samples	\$275.00
Data Validation - Soil Vapor	\$30.00 /sample	6 samples	\$180.00
<b>SUTOTAL - Task 4</b>			<b>\$455.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>			<b>\$23.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>			<b>\$478.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$6,657.00</b>

Note: These costs assume a standard turn around time.

- Same as orig WA

**Table 2.11 (f-4)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**Springs Geoprobe - Aztech Technologies (WBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
<b>Springs Geoprobe Day Rate</b>	\$1,300.00 day	2 days	\$2,600.00
Overtime	\$195.00 hour	4.25 hours	\$829.00
Mobilization/Demobilization	\$1,360.00 LS	1	\$1,360.00
Per Diem	\$200.00 day	2 days	\$400.00
Direct Push Expendables	\$1.50 each	195	\$293.00
1" PVC Well Installation	\$5.75 foot	64 feet	\$368.00
6" Curb Box	\$89.00 each	4 boxes	\$356.00
<b>SUTOTAL - Task 1</b>			<b>\$6,206.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$310.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$6,516.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$6,516.00</b>



- same as orig WA

Table 2.11 (f-5)

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**Soil Gas Analysis - Beacon Environmental Services Inc.**

Item	Unit Cost	No. of Items	Total Cost
<b>Task 1</b>			
8260B Analysis	\$169.00 sample	100 samples	\$16,900.00
<b>SUTOTAL - Task 1</b>			<b>\$16,900.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$845.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$17,745.00</b>
<b>Task 2</b>			
8260B Analysis	\$169.00 sample	66 samples	\$11,154.00
<b>SUTOTAL - Task 2</b>			<b>\$11,154.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$558.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$11,712.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$29,457.00</b>



- same as orig WA

**Table 2.11 (f-6)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**Sonic Drilling - Stearns Drilling**

Item	Unit Cost	No. of Items	Total Cost
<b>Task 1</b>			
Mobilization/Demobilization	\$11,000.00 LS	1	\$11,000.00
Decon Pad	\$500.00 LS	1	\$500.00
Sonic Drilling	\$40.00 linear foot	720 feet	\$28,800.00
Monitoring Well Installation	\$23.00 linear foot	540 feet	\$12,420.00
Stick-up casing	\$235.00 each	6 wells	\$1,410.00
<b>SUTOTAL - Task 1</b>			<b>\$54,130.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$2,706.50</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$56,836.50</b>
<b>Task 2</b>			
Mobilization/Demobilization	\$11,000.00 LS	1	\$11,000.00
Decon Pad	\$500.00 LS	1	\$500.00
Sonic Drilling	\$40.00 linear foot	800 feet	\$32,000.00
Drums	\$55.00 drum	20 drums	\$1,100.00
Monitoring Well Installation	\$23.00 linear foot	800 feet	\$18,400.00
Stick-up casing	\$235.00 each	8 wells	\$1,880.00
<b>SUTOTAL - Task 2</b>			<b>\$64,880.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$3,244.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$68,124.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$124,960.50</b>



- same as orig WA

**Table 2.11 (f-7)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**MIP Drilling - Zebra Environmental**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
Mobilization/Demobilization	\$1,450.00 LS	1	\$1,450.00
MIP Day Rate	\$3,900.00 day	6 days	\$23,400.00
Per Diem	\$250.00 day	6 days	\$1,500.00
<b>SUTOTAL - Task 1</b>			<b>\$26,350.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$1,317.50</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$27,667.50</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$27,667.50</b>

✓



- same as orig WA

**Table 2.11 (f-8)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A  
Modock Road Springs

**IDW - EWMI**

Item	Unit Cost	No. of Items	Total Cost
<b>Task 1</b>			
Disposal (soil)	\$0.00 /DRUM	15	\$0.00
Disposal (groundwater)	\$0.00 /DRUM	5	\$0.00
Drum Transportation	\$0.00 /LS	1	\$0.00
<b>SUBTOTAL - Task 1</b>			<b>\$0.00</b>
<b>MANAGEMENT FEE (TAKS 1)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$0.00</b>
<b>Task 2</b>			
Disposal (soil)	\$95.00 /DRUM	15	\$1,425.00
Disposal (groundwater)	\$95.00 /DRUM	5	\$475.00
Drum Transportation	\$1,200.00 /LS	1	\$1,200.00
<b>SUTOTAL - Task 2</b>			<b>\$3,100.00</b>
<b>MANAGEMENT FEE (TAKS 2)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,100.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,100.00</b>

✓

- same as orig WA

**Table 2.11 (f-9)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**DLS Property Geoprobe - Geologic NY (WBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 1</b>			
<b>DLS Geoprobe Day Rate</b>	\$1,800.00 day	5 days	\$9,000.00
Per Diem	\$0.00 day	5 days	\$0.00
Mobilization/Demobilization	\$600.00 LS	1	\$600.00
<b>SUTOTAL - Task 1</b>			<b>\$9,600.00</b>
<b>MANAGEMENT FEE (TASK 1)</b>			<b>\$480.00</b>
<b>SUBTOTAL - Task 1 (INCLUDING MANAGEMENT FEE)</b>			<b>\$10,080.00</b>
<b>Task 2</b>			
<b>DLS Geoprobe Day Rate</b>	\$1,800.00 day	5 days	\$9,000.00
Per Diem	\$0.00 day	5 days	\$0.00
Mobilization/Demobilization	\$600.00 LS	1	\$600.00
<b>SUTOTAL - Task 2</b>			<b>\$9,600.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$480.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$10,080.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$20,160.00</b>

✓

- same as orig WA

**Table 2.11 (f-10)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439

Modock Road Springs

**Survey - Om P Popli (MBE)**

Item	Unit Cost	No. of Items	Total Cost
<b>Task 2</b>			
Survey of 22 wells	\$3,688.00 Lump Sum	1 Lump Sum	\$3,688.00
<b>SUTOTAL - Task 2</b>			<b>\$3,688.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$184.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,872.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$3,872.00</b>

✓

- same as orig WA

**Table 2.11 (f-11)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439

Modock Road Springs

**Larsen Engineers- Field Crew (MBE)**

<b>Item</b>	<b>Unit Cost</b>	<b>No. of Items</b>	<b>Total Cost</b>
<b>Task 2</b>			
Field Assistance	\$485.33 day	15 days	\$7,280.00
Overtime	\$60.67 hour	0 hours	\$0.00
Hammer Drill	\$300.00 week	3 weeks	\$900.00
<b>SUTOTAL - Task 2</b>			<b>\$8,180.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>			<b>\$409.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>			<b>\$8,589.00</b>
<b>Task 3</b>			
Field Assistance	\$827.50 day	0 days	\$0.00
<b>SUTOTAL - Task 3</b>			<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 3)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 3 (INCLUDING MANAGEMENT FEE)</b>			<b>\$0.00</b>
<b>Task 4</b>			
Field Assistance	\$485.33 day	0 days	\$0.00
Overtime	\$60.67 hour	0 hours	\$0.00
Hammer Drill	\$300.00 week	0 weeks	\$0.00
<b>SUTOTAL - Task 4</b>			<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>			<b>\$0.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>			<b>\$0.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>			<b>\$8,589.00</b>

- on standby

**Table 2.11 (f-12)**

**DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS**

D-004439-9.1A

Modock Road Springs

**Laboratory - Columbia Analytical Services**

Task	Parameter	Method	Matrix	No. of Tests	Unit Rate (\$) <sup>(1)</sup>	Total (\$)
Task 2	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	0	234.00	\$0.00
<b>SUTOTAL - Task 2</b>						<b>\$0.00</b>
<b>MANAGEMENT FEE (TASK 2)</b>						<b>\$0.00</b>
<b>SUBTOTAL - Task 2 (INCLUDING MANAGEMENT FEE)</b>						<b>\$0.00</b>
Task 4	VOC	TO-15	Indoor, Ambient Air, & Soil Vapor	17	234.00	\$3,978.00
<b>SUTOTAL - Task 4</b>						<b>\$3,978.00</b>
<b>MANAGEMENT FEE (TASK 4)</b>						<b>\$0.00</b>
<b>SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)</b>						<b>\$3,978.00</b>
<b>TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)</b>						<b>\$3,978.00</b>

Note: These costs assume a standard turn around time, batch canister certification, and one indoor air and one sub-slab vapor sample will be collected per residence.

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.1A  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: SUMMARY

**SCHEDULE 2.11 (g)**

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

DATE PREPARED: 21-Nov-08  
 BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$99,379	
1a. INDIRECT COST - 1.753 %						\$174,211	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$273,590	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$273,590	
4. TRAVEL & SUBSISTENCE						\$18,346	
5. OTHER NON-SALARY COST						\$12,189	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$30,535	
7. SUBCONTRACTORS Management Fee included above						\$266,453 \$12,352	
8. TOTAL CONTRACT COST (3+6+7)						\$570,578	
9. FIXED FEE - 10.0 %						\$27,359	
10. TOTAL CONTRACT PRICE (8+9)						\$597,937	
11. RETAINAGE - 0 %						\$0	
12. CAP FORM SUBMISSION						\$597,937	



PROJECT MANAGER ENGINEER \_\_\_\_\_

DATE \_\_\_\_\_

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.1A  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 1 - Work Plan Preparation

**SCHEDULE 2.11 (g)**

DATE PREPARED: 21-Nov-08

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$23,053	
1a. INDIRECT COST - 1.753 %						\$40,412	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$63,465	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$63,465	
4. TRAVEL & SUBSISTENCE						\$7,208	
5. OTHER NON-SALARY COST						\$2,837	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$10,044	
7. SUBCONTRACTORS Management Fee included above						\$127,271 \$6,060	
8. TOTAL CONTRACT COST (3+6+7)						\$200,780	
9. FIXED FEE - 10.0 %						\$6,347	
10. TOTAL CONTRACT PRICE (8+9)						\$207,127	

PROJECT MANAGER ENGINEER \_\_\_\_\_

DATE \_\_\_\_\_

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.1A  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 2 - Site Investigation

**SCHEDULE 2.11 (g)**

DATE PREPARED: 21-Nov-08

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$41,263	
1a. INDIRECT COST - 1.753 %						\$72,335	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$113,598	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$113,598	
4. TRAVEL & SUBSISTENCE						\$7,208	
5. OTHER NON-SALARY COST						\$6,659	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$13,866	
7. SUBCONTRACTORS Management Fee included above						\$132,006 \$6,139	
8. TOTAL CONTRACT COST (3+6+7)						\$259,470	
9. FIXED FEE - 10.0 %						\$11,360	
10. TOTAL CONTRACT PRICE (8+9)						\$270,830	

PROJECT MANAGER ENGINEER \_\_\_\_\_

DATE \_\_\_\_\_



ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.1A  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 3 - Feasibility Study

**SCHEDULE 2.11(g)**

DATE PREPARED: 21-Nov-08

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$13,693	
1a. INDIRECT COST - 1.753 %						\$24,005	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$37,698	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$37,698	
4. TRAVEL & SUBSISTENCE						\$1,049	
5. OTHER NON-SALARY COST						\$100	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$1,149	
7. SUBCONTRACTORS Management Fee included above						\$0 \$0	
8. TOTAL CONTRACT COST (3+6+7)						\$38,847	
9. FIXED FEE - 10.0 %						\$3,770	
10. TOTAL CONTRACT PRICE (8+9)						\$42,617	

PROJECT MANAGER ENGINEER \_\_\_\_\_

DATE \_\_\_\_\_

ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT/WA #: D-004439-9.1A  
 PROJECT NAME: Modock Road Springs  
 MPI PROJECT #: 0266361  
 NYSDEC TASK #/NAME: 4 - Supplemental Scope

**SCHEDULE 2.11 (g)**

DATE PREPARED: 21-Nov-08

**MONTHLY COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION**

BILLING PERIOD: 00/00/00 - 00/00/00  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						\$21,369	
1a. INDIRECT COST - 1.753 %						\$37,460	
2. SUBTOTAL: Billable Labor Cost (1+1a)						\$58,829	
2a. OVER-TIME SALARY						\$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						\$58,829	
4. TRAVEL & SUBSISTENCE						\$2,882	
5. OTHER NON-SALARY COST						\$2,594	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						\$5,476	
7. SUBCONTRACTORS Management Fee included above						\$7,176 \$153	
8. TOTAL CONTRACT COST (3+6+7)						\$71,480	
9. FIXED FEE - 10.0 %						\$5,883	
10. TOTAL CONTRACT PRICE (8+9)						\$77,363	

PROJECT MANAGER ENGINEER \_\_\_\_\_

DATE \_\_\_\_\_



ENGINEER: MALCOLM PIRNIE, INC  
 NYSDEC CONTRACT #: D-004439  
 NYSDEC WA #: WA-9.1A  
 MPI PROJECT #: 0266361  
 PROJECT NAME: Modock Road Springs

**SCHEDULE 2.11 (g) - Supplemental**

DATE PREPARED: 21-Nov-08

**SUBCONTRACTOR COST CONTROL REPORT  
 SUMMARY OF FISCAL INFORMATION  
 Unit Price Subcontractors**

BILLING PERIOD: mm/dd/yy - mm/dd/yy  
 MPI STATEMENT #: n  
 DEC VOUCHER #: n

SUBCONTRACT NAME	A	B	C	D	E	F	G	H	I
	SUBCONTRACTOR COSTS				MANAGEMENT FEE				TOTAL COSTS TO DATE (C + F + H)
	CURRENT COSTS, INCLUDES RESUBMITTALS	PAID TO DATE	TOTAL COSTS TO DATE (A + B)	APPROVED BUDGET	MNGT. FEE BUDGET	FEE THIS PERIOD	PENDING FEES	FEE PAID TO DATE	
1. Laboratory - Chemtech (MBE) Air Analytical				\$12,530.00	\$627.00				
2. Laboratory - TestAmerica Soil and GW Analytical				\$17,465.00	\$874.00				
3. Data Validation - Data Validation Services (WBE) Data Validation				\$6,340.00	\$317.00				
4. Springs Geoprobe - Aztech Technologies (WBE) Geoprobe Drilling				\$6,206.00	\$310.00				
5. Soil Gas Analysis - Beacon Environmental Services Inc. Soil Gas Analysis				\$28,054.00	\$1,403.00				
6. Sonic Drilling - Stearns Drilling Sonic Drilling				\$119,010.00	\$5,950.50				
7. MIP Drilling - Zebra Environmental MIP Drilling				\$26,350.00	\$1,317.50				
8. IDW - EWMI IDW Disposal				\$3,100.00	\$0.00				
9. DLS Property Geoprobe - Geologic NY (WBE) Geoprobe Drilling				\$19,200.00	\$960.00				
10. Survey - Om P Popli (MBE) Survey				\$3,688.00	\$184.00				
11. Larsen Engineers- Field Crew (MBE) Field Work Assistance				\$8,180.00	\$409.00				
12. Laboratory - Columbia Analytical Services Air Analytical				\$3,978.00	\$0.00				
<b>TOTAL</b>				<b>\$254,101.00</b>	<b>\$12,352.00</b>				

PROJECT MANAGER ENGINEER \_\_\_\_\_

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) 'TOTAL' line, Column I should equal Line 7 (subcontracts), Column C of Summary of Fiscal Information Cost Control Report.

**SCHEDULE 2.11 (h)**  
**Modock Road Springs (#D-004439-9.1A)**  
**MONTHLY COST CONTROL REPORT - SUMMARY OF LABOR HOURS**  
**Expended to Date/Estimated to Completion**  
**[WORKSHEET - To be submitted, but separately]**

Page 1 of 1

Billing Period:

NSPE Labor Classification		9	8	7	6	5	4	3	2	1	Tech	Total No.	
Task #	Task Name	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Exp/Est	Direct Labor Hours Exp/Est	
Task 1	Work Plan Preparation	Exp	0	0	0	0	0	0	0	0	0	0	
		Est	5	51	66	2	0	8	240	275	2	130	779
		2007	5	51	66	2	0	8	240	275	2	130	779
		2008	0	0	0	0	0	0	0	0	0	0	0
Task 2	Site Investigation	Exp	0	0	0	0	0	0	0	0	0	0	
		Est	2	91	114	0	8	0	465	391	20	370	1,461
		2007	1	75	90	0	4	0	315	271	20	300	1,076
		2008	1	16	24	0	4	0	150	120	0	70	385
Task 3	Feasibility Study	Exp	0	0	0	0	0	0	0	0	0	0	
		Est	8	49	65	0	0	0	145	58	20	0	345
		2007	0	0	0	0	0	0	0	0	0	0	0
		2008	8	49	65	0	0	0	145	58	20	0	345
Task 4	Supplemental Scope	Exp	0	0	0	0	0	0	0	0	0	0	
		Est	0	18	110	0	0	246	30	39	155	0	598
		2007	0	0	0	0	0	0	0	0	0	0	0
		2008	0	10	64	0	0	158	0	39	81	0	352
		2009	0	8	46	0	0	88	30	0	74	0	246
	Subtotal	2007 hours	6	126	156	2	4	8	555	546	22	430	1,855
	Subtotal	2008 hours	9	75	153	0	4	158	295	217	101	70	1,082
	Subtotal	2009 hours	0	8	46	0	0	88	30	0	74	0	246
	Subtotal	Exp hours	0	0	0	0	0	0	0	0	0	0	0
<b>Total Hours Exp</b>			0	0	0	0	0	0	0	0	0	0	0
<b>Total Hours Est</b>			15	209	355	2	8	254	880	763	197	500	3,183

**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study Work Plan  
Schedule 2.11s Amendment

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## **Schedule 2.11 Worksheets**



**Engineer/Contract Number:** Malcolm Pirnie / D-004439  
**Project Name:** Modock Road Springs  
**Work Assignment Number:** WA-9.1A

**Date Prepared:** 11/21/2008

**DETAILED BREAKDOWN OF  
 DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED ON SCHEDULE 2-11(b-1)  
 [WORKSHEET - to be sent with Work Plan, but separately]**

ADMIN. TASKS	Work Plan Development										Review Work Assignment (WA) Progress																																													
	Conflict of Interest Checks					Schedule & Supporting Documentation					Conduct Progress Reviews					Prepare Monthly Project Report & Update Progress Schedule					MBE/WBE Activities					Program Management Reviews																														
	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1											
NSPE Level																																																								
Task 1											2		2		8					1							1											2																		
Task 2																				6							4											18																		
Task 3																				2						1												4																		
Task 4															2					2																		1																		
Subtotal	0	0	0	0	0	0	0	0	0	0	2	0	2	0	10	0	0	0	0	11	0	0	0	0	0	6	0	0	10	0	0	0	0	0	6	0	0	25	0	0	0	0	0													
TOTAL	0					14					17					16					4					25																														

**Engineer/Contract Number:** Malcolm Pirnie / D-004439  
**Project Name:** Modock Road Springs  
**Work Assignment Number:** WA-9.1A

**Date Prepared:** 11/21/2008

**DETAILED BREAKDOWN OF  
 DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED ON SCHEDULE 2-11(b-1)  
 [WORKSHEET - to be sent with Work Plan, but separately]**

ADMIN. TASKS	C.A.P. PREPARATION										MISCELLANEOUS										Word Processing and Report Preparation										TOTAL DIRECT ADMIN. LABOR HOURS																													
	Prepare Monthly Cost Control Report and CAP					Oversee CAP Preparation					NSPE List Updates					Equipment Use and Inventory																																												
NSPE Level	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1															
Task 1							3			1																											2	0	7	0	2	0	8	0	5	2														
Task 2							40			2							1		1																		20	0	35	0	0	0	0	0	51	20														
Task 3							6			1																											10	0	9	0	0	0	0	0	8	10														
Task 4							8																														5	0	4	0	0	0	2	0	8	5														
Subtotal	0	0	0	0	0	0	57	0	0	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	0	55	0	2	0	10	0	72	37															
TOTAL	57										4										2										0										37										176									

**Table 2.11 (c)**

**DETAILED BREAKDOWN OF DIRECT NON-SALARY COSTS**

D-004439-9.1A  
Modock Road Springs

**[WORKSHEET - to be submitted with Work Plan, but separately]**

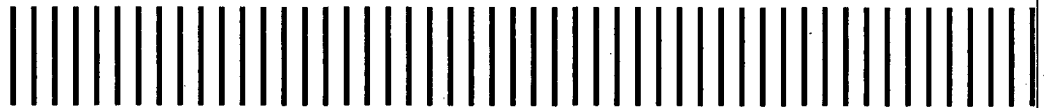
Item	Maximum Reimbursement Rate	Estimated Number of Units	Estimated Cost	Total Estimated Cost
<b>Task 1 Work Plan Preparation</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage (2007)	\$0.485 /mile	4,500 miles	\$2,182.50	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per diem (full day)	\$131 /day	15 days	\$1,965.00	
4 Per Diem (1st day & lodging)	\$120 /day	20 days	\$2,400.00	
5 Per Diem (last day & 75% meals)	\$33 /day	20 days	\$660.00	\$7,207.50
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$500.00	
3 Communication	At Cost	At Cost	\$0.00	\$500.00
TOTAL - Task 1				\$7,707.50
<b>Task 2 Site Investigation</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage (2007)	\$0.485 /mile	4,500 miles	\$2,182.50	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per diem (full day)	\$131 /day	15 days	\$1,965.00	
4 Per Diem (1st day & lodging)	\$120 /day	20 days	\$2,400.00	
5 Per Diem (last day & 75% meals)	\$33 /day	20 days	\$660.00	\$7,207.50
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$1,000.00	
3 Communication	At Cost	At Cost	\$0.00	\$1,000.00
TOTAL - Task 2				\$8,207.50
<b>Task 3 Feasibility Study</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage (2007)	\$0.485 /mile	900 miles	\$436.50	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per Diem (full day)	\$131 /day	0 days	\$0.00	
3 Per Diem (first day & lodging)	\$120 /day	4 days	\$480.00	
3 Per Diem (last day & 75% meals)	\$33 /day	4 days	\$132.00	\$1,048.50
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$100.00	
3 Communication	At Cost	At Cost	\$0.00	\$100.00
TOTAL - Task 3				\$1,148.50
<b>Task 4 Supplemental Scope</b>				
<i>Travel &amp; Subsistence</i>				
1 Mileage	\$0.585 /mile	2,200 miles	\$1,287.00	
2 Subsistence	At Cost	At Cost	\$0.00	
3 Per Diem (full day)	\$145 /day	5 days	\$725.00	
3 Per Diem (first day & lodging)	\$134 /day	6 days	\$804.00	
3 Per Diem (last day & 75% meals)	\$33 /day	2 days	\$66.00	\$2,882.00
<i>Other Direct Costs</i>				
1 Reproduction	\$0.06 /page	0 copies	\$0.00	
2 Mail	At Cost	At Cost	\$525.00	
3 PC	\$0.00 /hour	0 hours	\$0.00	
4 CADD	\$0.00 /hour	0 hours	\$0.00	
3 Communication	At Cost	At Cost	\$0.00	\$525.00
TOTAL - Task 4				\$3,407.00
TOTAL - All Tasks				\$20,471.00



**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study Work Plan  
Schedule 2.11s Amendment

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## **Task 4 Quotes and Cost Backup**





## Interoffice Correspondence

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Date: November 19, 2008  
To: FILE: Modock Road Springs WA D004439-9.1A  
Copy: Malcolm Pirnie Project File, 0266361  
From: Mark Flusche, ALB  
Re: Direct Administration Labor Hours

Direct administration labor hours for the Modock Road Springs RI/FS WA scope exceeded 4% of the overall anticipated amended Work Assignment costs. However, the direct administration labor hours were tabulated using the guidance contained in the NYSDEC Handbook for Standby Consultant Contract (Attachment #12) and the hours do not exceed the allowable hours for each of the listed administrative tasks.

maf  
H:\PROJECT\0266361\FILE\Amendment\Admin Hours.doc

**Price Quotation Schedule Air Quality Analysis <sup>(a)</sup>  
NYSDEC-Malcolm Pirnie Standby Contracts**

Firm Name: Columbia Analytical Services  
 Business Address: 2655 Park Center Drive, Suite A  
Simi Valley, CA 93065  
 Phone Number: 805-526-7161  
 FAX Number: 805-526-7270  
 e-mail address: kaguilera@caslab.com  
 Signature of Authorized Representative: Kate Aguilera

Service	Unit Cost
1) USEPA Method TO-15 Low-Level Analysis <sup>(b)</sup>	\$ 159.00
2) Individual Clean 6-Liter Summa Canister Certification and Rental <sup>(c)</sup>	\$ 95.00
3) Batch Clean 6-Liter Summa Canister Certification and Rental <sup>(d)</sup>	\$ 55.00
4) Flow Controller Rental <sup>(e)</sup>	\$ 20.00

Total cost for individual certification & analysis (add lines 1, 2 and 4) \$ 274.00  
 Total cost for batch certification & analysis (add lines 1, 3 and 4) \$ 234.00

Notes:  
 Above costs are for one canister/controller/analysis.

<sup>(a)</sup> Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, USEPA/600/4-89/017 June 1988, reproduced National Technical Information Services, Springfield, VA 22161, PB90 - 127374.

<sup>(b)</sup> All analyses (including sub-slab vapor and soil vapor samples) using USEPA Method TO-15 must achieve a reporting limit of 0.25 µg/m<sup>3</sup> for carbon tetrachloride and TCE and 1 µg/m<sup>3</sup> for all other analytes.

The draft NYSDEC TO-15 chlorinated site analyte lists is attached. The unit cost above includes analysis of analytes this lists, at a minimum. Addition analytes may be added to the list depending on specific project requirements without an increase in the above unit cost.

The following are included in the above costs:

- NYSDEC Analytical Services Protocol (ASP) Category B Data package.
- PDF of each data package.
- Electronic data deliverable Excel spreadsheet with data reported in ug/m<sup>3</sup> with non-detects reported at the reporting limit.
- Data reported on Form 1s in ug/m<sup>3</sup> with non-detects reported at the reporting limit.

<sup>(c)</sup> Assumes a 6-Liter Summa canister will be provided.

<sup>(d)</sup> Assumes a 6-Liter Summa canister will be provided.

<sup>(e)</sup> Assumes flow controllers will be cleaned and calibrated for a specific flow rate ranging from 200 ml/min to 24 hours.

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TestAmerica, Inc.

**Price Quotation Schedule**

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**Price Quotation Schedule  
NYSDEC Analytical Services Protocol**

Type of Analysis	Analytical Method	Cost Per Sample					
		Aqueous Sample			Non-Aqueous Sample		
		NYSDEC ASP Category A Reporting	NYSDEC ASP Category B Reporting	Analyte Reporting **	NYSDEC ASP Category A Reporting	NYSDEC ASP Category B Reporting	Analyte Reporting **
1) TCL Volatiles + 10	OLM04.2	\$ 70	\$ 80	\$ 65	\$ 70	\$ 80	\$ 65
2) TCL Semi-Volatile + 20	OLM04.2	\$ 175	\$ 190	\$ 155	\$ 175	\$ 190	\$ 155
3) TCL Pesticides/PCBs	OLM04.2	\$ 100	\$ 125	\$ 90	\$ 100	\$ 125	\$ 100
4) TAL Metals i) ICAP ii) AA (furnace) iii) AA (flame)	ILM05.0*	\$ > 85 \$ > N/A	\$ > 95 \$ > N/A	\$ > 75 \$ > N/A	\$ > 85 \$ > N/A	\$ > 95 \$ > N/A	\$ > 75 \$ > N/A
5) Arsenic		\$ 25	\$ 30	\$ 20	\$ 25	\$ 30	\$ 25
6) Lead		\$ 25	\$ 30	\$ 20	\$ 25	\$ 30	\$ 25
7) Selenium		\$ 25	\$ 30	\$ 20	\$ 25	\$ 30	\$ 25
8) Thallium		\$ 25	\$ 30	\$ 20	\$ 25	\$ 30	\$ 25
9) Mercury		\$ 30	\$ 40	\$ 25	\$ 30	\$ 40	\$ 25
10) Cyanide		\$ 25	\$ 30	\$ 20	\$ 25	\$ 30	\$ 20
11) TCL Volatiles (low conc.)	OLC02.1	\$ 90	\$ 95	\$ 85	\$ 90	\$ 95	\$ 85

\* NYSDEC-ASP 6/2000 pages D-V-1 through D-V-207 including costs of digestion. May use any combination of these methods, but must meet NYSDEC ASP contract required quantitation limits (crql). TAL metals includes in #4 includes 22 inorganics, not Mercury and Cyanide.

\*\* Analyte Reporting is defined as the laboratory's regular reporting format for the analysis target compounds when a Q.C. deliverable package is not required. A case narrative must be included with the report, describing any Q.C. irregularities with the analysis.

Indicate, as a percentage of the above quoted costs, the cost for expedited testing and turnaround time for:

24 hour turnaround	<u>100</u> %
48 hour turnaround	<u>75</u> %
1 week turnaround	<u>25</u> %
2 week turnaround	<u>0</u> %

Cost increase if contract is extended for second 12-month period 0 %

**Price Quotation Schedule  
Hazardous Waste Parameters**

<u>Type of Analysis</u>	<u>Analytical Method</u>	<u>COST PER SAMPLE</u>		<u>Analyte Reporting</u>
		<u>NYSDEC ASP Category A Reporting</u>	<u>NYSDEC ASP Category B Reporting</u>	
Cyanide	9010	\$ 20	\$ 25	\$ 18
pH	9040	\$ 10	\$ 12	\$ 8
Total Organic Halides (TOX) 9020		\$ 55	\$ 65	\$ 8
Corrosivity	*	\$ 10	\$ 12	\$ 50
Ignitability	*	\$ 18	\$ 20	\$ 8
Reactivity	*	\$ 60	\$ 70	\$ 15
Toxicity Characteristic Leaching	*	\$ 520	\$ 540	\$ 50

Procedure (TCLP) includes extraction. Analysis of TCLP extract will use 8260, 8270, 8080, 8150 and TAL Metals plus Cyanide by ASP methods for TCLP list analytes, with ASP contract required quantitation limit (cql).

\*NYSDEC - ASP Vol. 2, Part XV

Indicate, as a percentage of the above quoted costs, the cost for expedited testing and turnaround time for:

24 hour turnaround	<u>100</u> %	Cost increase if contract is extended for second 12-month period <u>0</u> %
48 hour turnaround	<u>75</u> %	
1 week turnaround	<u>25</u> %	
2 week turnaround	<u>0</u> %	

**Price Quotation Schedule  
NYSDEC Analytical Services Protocol**

		Cost Per Sample					
		Aqueous Sample			Non-Aqueous Sample		
Type of Analysis	Analytical Method	NYSDEC ASP Category A Reporting	NYSDEC ASP Category B Reporting	Analyte Reporting	NYSDEC ASP Category A Reporting	NYSDEC ASP Category B Reporting	Analyte Reporting
Volatile Organics	624	\$ 65	\$ 70	\$ 60	\$ 65	\$ 70	\$ 60
	8021B	\$ 55	\$ 60	\$ 50	\$ 55	\$ 60	\$ 50
	8260B	\$ 65	\$ 70	\$ 60	\$ 65	\$ 70	\$ 60
	524.2	\$ 95	\$ 100	\$ 90	\$ 95	\$ 100	\$ 90
	502.2	\$ 90	\$ 95	\$ 85	\$ 90	\$ 95	\$ 85
Halogenated Volatile Organics	601	\$ 55	\$ 60	\$ 50	\$ 55	\$ 60	\$ 50
	8010	\$ 55	\$ 60	\$ 50	\$ 55	\$ 60	\$ 50
Volatile Aromatics	602	\$ 55	\$ 60	\$ 50	\$ 55	\$ 60	\$ 50
Non-Halogenated Volatile Organics	8015	\$ 65	\$ 70	\$ 60	\$ 65	\$ 70	\$ 60
Semi-Volatile Organics	625	\$ 170	\$ 185	\$ 160	\$ 170	\$ 185	\$ 170
	8270C	\$ 170	\$ 185	\$ 160	\$ 170	\$ 185	\$ 170
Phenols	<del>604</del>	\$	\$	\$	\$	\$	\$
	8041 <sup>8270</sup> <del>544</del>	\$ 90	\$ 110	\$ 90	\$ 90	\$ 110	\$ 90
Polynuclear Aromatic Hydrocarbons	610	\$ 110	\$ 120	\$ 100	\$ 100	\$ 120	\$ 100
	<del>8100</del> 8270	\$ 90	\$ 110	\$ 90	\$ 90	\$ 110	\$ 90
Organochlorine Pesticides/PCBs	608	\$ 90	\$ 95	\$ 85	\$ 90	\$ 95	\$ 85
	8081A/8082	\$ 90	\$ 95	\$ 85	\$ 90	\$ 95	\$ 85
PCBs only (no pesticides)	8082	\$ 60	\$ 65	\$ 55	\$ 60	\$ 65	\$ 55
Organophosphorus compounds	8141A	\$ 100	\$ 110	\$ 95	\$ 100	\$ 110	\$ 95
Chlorinated Herbicides	8151A	\$ 100	\$ 110	\$ 95	\$ 100	\$ 110	\$ 95

Indicate, as a percentage of the above quoted costs, the cost for expedited testing and turnaround time for:

24 hour turnaround	<u>100</u>	%
48 hour turnaround	<u>75</u>	%
1 week turnaround	<u>25</u>	%
2 week turnaround	<u>0</u>	%

Cost increase if contract is extended for second 12-month period 0 %

**Price Quotation Schedule**  
**Treatability Study and Leachate Parameters**

<u>Type of Analysis</u>	<u>Analytical Method</u>	<u>COST PER SAMPLE</u>	
		<u>Aqueous Sample Analyte Reporting</u>	<u>Non-Aqueous Sample Analyte Reporting</u>
Acidity	305.1	\$ 10	\$ 15
Ammonia	350.2	\$ 22	\$ 28
Total Organic Carbon	415.1	\$ 30	\$ 65
Total Dissolved Solids	160.1	\$ 10	\$ N/A
Alkalinity**	310.1	\$ 10	\$ 15
Chloride**	325.3	\$ 12	\$ 15
Total Kjeldahl Nitrogen**	351.2	\$ 30	\$ 35
Nitrate**	352.1	\$ 22	\$ 25
Nitrite**	354.1	\$ 22	\$ 25
BOD	405.1	\$ 22	\$ 28
COD	410.1	\$ 30	\$ 35
Sulfate**	375.4	\$ 18	\$ 22
Hexavalent Chromium	218.5 7196A	\$ 22	\$ 60
MBAS	425.1	\$ 30	\$ N/A
Color	110.2	\$ 10	\$ N/A
Odor	140.1	\$ 10	\$ N/A
Hardness	130.2	\$ 12	\$ N/A
Total Volatile Solids	160.4	\$ 10	\$ N/A
Phenols (total)	420.2	\$ 30	\$ 30
Boron	212.3	\$ 15	\$ 22
Total Halogens	*ASTM D1317	\$ 85	\$ 105
BTU Value/Lb	*ASTM D240	\$ 65	\$ 105
Sulfur Content	*ASTM D129 D1552, D622	\$ 65	\$ 125
Water Content	*ASTM E203	\$ N/A	\$ 10
Density	*ASTM E213	\$ 55	\$ 85
Bromide	320.1	\$ 22	\$ 28
Chlorine (Total Residual)	330.1	\$ 12	\$ N/A
Fluoride	340.2	\$ 22	\$ 28
Oil & Grease	413.1 1464	\$ 45	\$ N/A
Total Suspended Solids	160.2	\$ 10	\$ N/A
Turbidity	180.1	\$ 10	\$ N/A
Phosphorous**	365.2	\$ 18	\$ 22
Sulfide**	376.2	\$ 18	\$ 22
Specific Conductance	120.1	\$ 10	\$ 12
pH	150.1	\$ 10	\$ 12

\*Reference - American Society of Testing and Materials (ASTM), Revised 1984.

\*\*These tests included in weighting of Natural Attenuation Parameters

Indicate, as a percentage of the above quoted costs, the cost for expedited testing and turnaround time for:

24 hour turnaround	<u>100</u> %	Cost increase if contract is extended for second 12-month period <u>0</u> %
48 hour turnaround	<u>75</u> %	
1 week turnaround	<u>25</u> %	
2 week turnaround	<u>0</u> %	



**Price Quotation Schedule  
Cleanup Procedures**

<u>Fraction</u>	<u>Cleanup Method**</u>	<u>COST PER SAMPLE*</u>	
		<u>Aqueous Sample</u>	<u>Non-Aqueous Sample</u>
BNA	3640A - Gel Permeation Chromatography (GPC) Cleanup	\$ <u>65</u>	\$ <u>65</u>
	3630C - Silica Gel Column Cleanup	\$ <u>65</u>	\$ <u>65</u>
Pesticides/PCBs	3650B - Acid-Base Partition	\$ <u>65</u>	\$ <u>65</u>
	3610B - Alumina Cleanup	\$ <u>65</u>	\$ <u>65</u>
	3620B - Florisil Column Cleanup	\$ <u>65</u>	\$ <u>65</u>
	3660B - Sulfur Cleanup	\$ <u>55</u>	\$ <u>55</u>

\* Cost is for cleanup only, reanalysis of sample after cleanup is not billable as per the 2000 revision of the NYSDEC ASP.

\*\* Equivalent methods, included in the 2000 revision of the NYSDEC ASP, may be substituted.

**Price Quotation Schedule  
Screening Procedure**

<u>Fraction</u>	<u>Method</u>	<u>COST PER SAMPLE</u>	
		<u>Aqueous Sample</u>	<u>Non-Aqueous Sample</u>
Volatiles	EPA 3810 - Headspace	\$ <u>35</u>	\$ <u>35</u>
	EPA 3820 - Hexadecane Extraction	\$ <u>45</u>	\$ <u>45</u>

## Flusche, Mark A.

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**From:** Judy Harry [harry@frontiernet.net]  
**Sent:** Friday, October 31, 2008 10:04 AM  
**To:** Flusche, Mark A.  
**Subject:** Re: Quote Request

Hi Mark,

Those costs work fine for me, as long as Pirnie is OK with it. I appreciate you asking.

Judy

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

**From:** Flusche, Mark A.  
**To:** Judy Harry  
**Sent:** Friday, October 31, 2008 9:21 AM  
**Subject:** RE: Quote Request

Judy,

We are planning on collecting approximately 6 sub-slab vapor and 11 air samples at the Modock Road Springs site this coming winter. We are revising our budget and want to see if you need to revisit your costs for a DUSR. Your previous quotation is below.

Thanks,  
Mark

---

**From:** Judy Harry [mailto:harry@frontiernet.net]  
**Sent:** Thursday, November 30, 2006 3:29 PM  
**To:** Flusche, Mark A.  
**Subject:** Re: Quote Request

Hi Mark,

The cost for doing a DUSR on a full list of TO-15 targets is \$25 for indoor air (or any rather clean samples) and \$30 for soil vapor. The soil vapor are higher because the labs seem to have to consistently run multiple dilutions to bring all analytes into target range. The soil vapors tend to have a lot of hydrocarbons that produce numerous target detections and create matrix effects--they can take a lot of review. Billable units are field samples, field duplicates, matrix spikes (if done), and trip blanks.

Judy

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

**From:** Flusche, Mark A.  
**To:** Judy Harry  
**Sent:** Thursday, November 30, 2006 1:12 PM  
**Subject:** Quote Request

**PINE ENVIRONMENTAL SERVICES, INC.**  
**2006 Rental Rates**

<b>MAS#</b>	<b>Photoionization Detectors</b>	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
RAIR21001	MiniRAE 2000 with 10.6 eV Lamp	\$75.00	\$200.00	\$725.00
RAIR21001-11.7	MiniRAE 2000 11.7eV Lamp	\$25.00	\$75.00	\$75.00
RAIR22003	Photovac 2020 PRO with 10.6 eV Lamp	\$75.00	\$200.00	\$725.00
RAIR22000	Photovac 2020 with 10.6 eV Lamp	\$75.00	\$200.00	\$725.00
RAIR23000	TE 580B OVM with 10.6 eV Lamp	\$75.00	\$200.00	\$725.00
RAIR23000-11.8	580B OVM 11.8 eV Lamp	\$25.00	\$75.00	\$75.00
RAIR21150	ToxiRAE PGM-30 VOC Monitor 10.6 eV	\$35.00	\$105.00	\$315.00
RAIR21070	ppBRAE Model PGM-7240 ppb VOC Monitor	\$125.00	\$350.00	\$1,100.00
RAIR21101	UltraRAE Specific Compound Monitor	\$120.00	\$350.00	\$1,100.00
AIR01502	Benzene Tubes - UltraRAE (Box of 5) \$30.00	***Sale Item Only***		

<b>MAS#</b>	<b>Flameionization Detectors</b>	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
RAIR10005	PE Photovac MicroFID	\$85.00	\$250.00	\$800.00
RAIR10031	Foxboro TVA 1000 Vapor Analyzer- PID/FID	\$125.00	\$350.00	\$1,100.00

<b>MAS#</b>	<b>Multi-Gas Monitors</b>	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
RAIR40150	MultiRAE PLUS Model PGM-50 Gas Monitor	\$75.00	\$200.00	\$725.00
RAIR40101	VRAE LEL/O2/CO/H2S	\$50.00	\$150.00	\$450.00
RAIR40125	QRAE PLUS LEL/O2/CO/H2S D	\$50.00	\$150.00	\$450.00
RAIR02005	RKI Eagle Gas Monitor	\$50.00	\$150.00	\$450.00
RAIR40160	AreaRAE Monitor LEL-O2-CO-H2S and PID	\$100.00	\$300.00	\$900.00
RAIR40161	AreaRAE Remote Basic Host Controller	\$100.00	\$300.00	\$900.00
RAIR40501	MSA Watchman LEL/O2/CO/H2S	\$50.00	\$150.00	\$450.00
RAIR40300	Gastech GT402 LEL/O2/CO/H2S	\$50.00	\$150.00	\$450.00
RAIR02015	RKI GX-2003 LEL-O2-CO-H2S	\$50.00	\$150.00	\$450.00
	Industrial Scientific iTX Gas Monitor LEL/O2/CO/H2S	\$50.00	\$150.00	\$450.00
	MSA Orion Multigas Detector LEL/O2/CO/H2S	\$50.00	\$150.00	\$450.00

<b>MAS#</b>	<b>Single/ Specific Gas Monitors</b>	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
RAIR1100.	ToxiRAE PLUS PGM-35/36/37 Toxic Gas Monitor	\$25.00	\$75.00	\$225.00
RAIR11000	Industrial Scientific T82 Single Gas Monitor	\$25.00	\$75.00	\$225.00
RAIR11200	Arizona 631-X H2S Analyzer	\$190.00	\$580.00	\$1,740.00
AIR11205	Jerome 860 H2S Monitor	\$50.00	\$150.00	\$450.00
RAIR49005	Gowmac Gas Leak Detector- Helium	\$50.00	\$150.00	\$450.00
RAIR49025	MGD-2002 Helium/Hydrogen Leak Detector	\$90.00	\$375.00	\$975.00

<b>MAS#</b>	<b>Landfill Monitors</b>	<b>Daily</b>	<b>Weekly</b>	<b>Monthly</b>
RAIR12020	RKI Eagle Gas Portable Monitor w/ CO2	\$95.00	\$300.00	\$850.00
RAIR12004	GEM 2000 Plus Landfill Gas Monitor w/ H2S	\$150.00	\$450.00	\$1,200.00
RAIR12005	GEM 2000 Landfill Gas Monitor	\$110.00	\$320.00	\$960.00
RAIR12006	GEM 500 O2%/ CH4 %/ CO2 %/ Flowrate/Pressure	\$100.00	\$300.00	\$900.00

PINE ENVIRONMENTAL SERVICES, INC.  
2006 Rental Rates

RWSA110..	Solinst101, Heron Dipper-T or SLOPE WLM 200'	\$25.00	\$60.00	\$200.00
RWSA110..	Solinst101, Heron Dipper-T or SLOPE WLM 300'	\$30.00	\$90.00	\$270.00
RWSA110..	Solinst101, Heron Dipper-T or SLOPE WLM 500'	\$30.00	\$90.00	\$270.00
RWSA110..	Solinst101, Heron Dipper-T or SLOPE WLM 1000'	\$45.00	\$135.00	\$405.00

<u>MAS#</u>	<u>Oil/Water Interface Probes</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWSA12...	Solinst122, Heron H.01L or Testwell Interface Probe	\$45.00	\$140.00	\$440.00

<u>MAS#</u>	<u>Remediation Pump</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWSA18010	Spill Buddy Portable Product Skimming Pump-(50' or 100')	\$75.00	\$225.00	\$700.00
RWSA18012	Spill Buddy Pro Portable w/ Interface Tape 50' Hose	\$100.00	\$300.00	\$900.00
RWSA18015	Magnum Spill Buster Recovery System	\$200.00	\$500.00	\$900.00
RWSA18050	QED Hammerhead Pump- 2"	\$35.00	\$135.00	\$400.00
RWSA18055	QED Hammerhead Pump- 4"	\$50.00	\$200.00	\$600.00
WSA18060	QED Ferrett In-Well Oil/ Water Separator	N/A	N/A	\$950.00

<u>MAS#</u>	<u>Sampling Pumps</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
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	<u>SUBMERSIBLE PUMPS and Controllers</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWSA21005	Grundfos Redi-Flo2 2" Pump 100'	\$47.50	\$145.00	\$450.00
RWSA21007	Grundfos Redi-Flo2 2" Pump Rental (specify length)	\$47.50	\$145.00	\$450.00
RWSA21010	Control Box for Grundfos2" 120V	\$47.50	\$145.00	\$450.00
RWSA21001	Control Box for Grundfos2" 230V	\$47.50	\$145.00	\$450.00
RWSA21011	Grundfos Redi-Flo3 5, 115 V	\$70.00	\$200.00	\$600.00
RWSA25003	Grundfos Redi-Flo3 30, 220V.	\$70.00	\$200.00	\$600.00
RWSA21013	Grundfos 4" Pump, 10 GPM	\$50.00	\$150.00	\$450.00
RWSA21014	Grundfos 4" Pump, 16 GPM	\$70.00	\$200.00	\$550.00
RWSA90009	Grundfos Cooling Shroud	\$0.00	\$0.00	\$0.00
RWSA20000	Turbine Flow Meter w/ Display	\$20.00	\$50.00	\$185.00

	<u>Peristaltic Pumps</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWSA22005	GeoPump2 Peristaltic Pump	\$25.00	\$75.00	\$225.00
RWSA22010	Solinst Peristaltic Pump- Model 410	\$25.00	\$75.00	\$225.00
WSA22011	Masterflex Sampling Peristaltic Pump (N/A)	\$25.00	\$75.00	\$225.00

	<u>Bladder Pumps</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWSA23005	QED SamplePro Portable Micropurge Pump 1.75"	\$50.00	\$150.00	\$400.00
RWSA23010	QED SamplePro Portable Micropurge Pump .75"	\$50.00	\$150.00	\$400.00
WSA23015	QED Well Wizard Dedicated Sampling Pump	\$50.00	\$150.00	\$400.00
RWSA23020	QED Micropurge Basics MP10 Controller	\$75.00	\$225.00	\$675.00
RWSA23021	QED Micropurge Basics MP10 H Controller	\$100.00	\$300.00	\$800.00
RWSA23023	QED Micropurge Basics MP10 UH Controller	\$100.00	\$300.00	\$800.00

PINE ENVIRONMENTAL SERVICES, INC.  
2006 Rental Rates

RHAS15300 HeatStrain Monitor QUESTEMP 3 \$50.00 \$150.00 \$450.00

MAS#	Survey Equipment	Daily	Weekly	Monthly
RMIS05000	Global Positioning System Trimble Pro XRS GPS	\$200.00	\$600.00	\$1,500.00
RMIS04998	GPS, Trimble Geo XT (Handheld)	\$200.00	\$600.00	\$1,500.00
RMIS04997	GeoBeacon Receiver	\$0.00	\$0.00	\$0.00
RMIS05001	Meridian Magellan GPS	\$10.00	\$25.00	\$75.00
RMIS05002	Topcon AT-G7 Survey Set	\$25.00	\$75.00	\$225.00
RMIS05023	Topcon Pulse Total Station GPT-6000C	\$150.00	\$450.00	\$1,100.00
RMIS50000	Schonstedt GA72 CD Magnetometer	\$40.00	\$120.00	\$360.00
RMIS55000	Schonstedt MAC 51B Pipe & Cable Locator	\$50.00	\$160.00	\$480.00
RMIS05003	Two Way Radios	\$10.00	\$35.00	\$140.00
RMIS05004	Laser Level (tripod, rod, laser level)	\$50.00	\$150.00	\$450.00

MAS#	Weather Equipment	Daily	Weekly	Monthly
RMIS10000-PRO2	Davis Vantage Pro2 Weather Station	\$45.00	\$135.00	\$405.00
RMIS10000	Davis Vantage Pro Weather Station	\$45.00	\$135.00	\$405.00
RMIS10009	Tripod, Weather Station	\$5.00	\$15.00	\$45.00

MAS#	Radiation Equipment	Daily	Weekly	Monthly
RMIS20024	Ludlum MODEL 3 Survey Meter	\$35.00	\$105.00	\$315.00
RMIS20028	Ludlum MODEL 3 Survey Meter with 44-9 G-M Detector	\$35.00	\$105.00	\$315.00
RMIS20023	Ludlum MODEL 5 Geiger Counter	\$35.00	\$105.00	\$315.00

MAS#	Soil Sampling Equipment	Daily	Weekly	Monthly
RSOI02005	Hand Auger Kit (auger head, t-handle, 3 extensions)	\$15.00	\$45.00	\$135.00
RSOI02040	Power Auger Kit	\$80.00	\$380.00	\$1,300.00
RSOI02010	Soil Sample Kit	\$30.00	\$90.00	\$350.00
RMIS40000	Scale, Analytical	\$5.00	\$15.00	\$45.00
SOI02079	Split Core Sampler 2 x 6	\$5.00	\$15.00	\$45.00
RSOI02100	AMS Soil Gas Vapor System	\$80.00	\$380.00	\$1,300.00
RWSA90319	Geoprobe Hand Tool System	\$100.00	\$300.00	\$900.00

MAS#	Miscellaneous	Daily	Weekly	Monthly
RMIS20000	Generator 3,000-5,000 watts	\$45.00	\$135.00	\$405.00
RMIS20001	Generator , Small, Honda EU2000I	\$45.00	\$135.00	\$405.00
RMIS02005	Digital Camera with 3/5" disk storage	\$50.00	\$150.00	\$450.00
RMIS66000	Ultraviolet Light	\$10.00	\$30.00	\$90.00
RAIR15117	Manometer, 477-4-FM	\$10.00	\$35.00	\$140.00
R-MIS70000	Innov-X Portable XRF Analyzer	\$500.00	\$1,500.00	\$4,500.00
RMIS03005	Boston Whaler 14ft BOAT with 45 HP Motor	\$150.00	\$450.00	\$1,350.00
RMIS03010	Rowboat	\$35.00	\$105.00	\$315.00

**PINE ENVIRONMENTAL SERVICES, INC.**  
**2006 Rental Rates**

RWSA16000	Greyline PDFM-IV Portable Doppler Flow Meter	\$100.00	\$300.00	\$900.00
RWSA15005	Global FP 101 Water Flow Probe	\$35.00	\$105.00	\$315.00
RWSA15006	Global FP 201 Water Flow Probe	\$35.00	\$105.00	\$315.00

<u>MAS#</u>	<u>Dataloggers &amp; Transducers</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWSA301..	Solinst Level Logger 3001 LT	\$85.00	\$195.00	\$585.00
RWSA30130	Solinst Level Logger 3001 Barologger	\$35.00	\$105.00	\$315.00
RWSA30153	Solinst Level Logger 3001 LTC	\$100.00	\$300.00	\$900.00
RWSA90370	Solinst Optical Reader	\$10.00	\$30.00	\$90.00
RWSA30220..	In-Situ MiniTROLL Datalogger, Professional	\$85.00	\$225.00	\$650.00
RWSA30270	In-Situ MiniTROLL Datalogger, BaroTROLL	\$35.00	\$105.00	\$315.00
RWSA30400	In-Situ Hermit 3000 8-channel Datalogger	\$125.00	\$375.00	\$1,000.00
RWSA304..	In-Situ Transducer PXD-260/261	\$35.00	\$105.00	\$315.00
	Global WL15X Water Level Logger	\$85.00	\$225.00	\$650.00
	Global WL400 Water Level Sensor	\$35.00	\$105.00	\$315.00

<u>MAS#</u>	<u>Communication Kits</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWSA30240	In-Situ RuggedReader	\$25.00	\$100.00	\$300.00
RFS05005	Laptop Computer	\$50.00	\$150.00	\$450.00
RWSA30235	In-Situ Software, Manual, & Datacable	\$0.00	\$0.00	\$0.00

<u>MAS#</u>	<u>Multi-Parameter Water Quality w/ FC</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
R-WQA59010	YSI 6920 MPS with Flow Cell - Datalogging	\$150.00	\$450.00	\$1,100.00
R-WQA59005	YSI 6820 MPS with Flow Cell	\$150.00	\$450.00	\$1,100.00
WQA51169	YSI 6920 & 6820 Flow Cell	\$0.00	\$0.00	\$0.00
R-WQA59020	YSI 600 XLM MPS with Datalogging	\$100.00	\$300.00	\$900.00
R-WQA59015	YSI 600XL MPS	\$100.00	\$300.00	\$900.00
RWQA51166	YSI 600XL & 600XLM Flow Cell	\$0.00	\$0.00	\$0.00
RWQA52170	YSI 556 Multi-Parameter System	\$100.00	\$300.00	\$900.00
RWQA52177	YSI 556 Flow Cell	\$0.00	\$0.00	\$0.00
RWQA53005	Horiba U-22 Water Quality System	\$100.00	\$300.00	\$900.00
RWQA90026	Flow Cell, Horiba U-22	\$0.00	\$0.00	\$0.00
RWQA56000	Hydrolab Quanta MP Checker	\$100.00	\$300.00	\$900.00
	YSI 6600 Premier MP 3.5" OD	\$175.00	\$500.00	\$1,500.00
	YSI 600 OMS with Rhodamine WT Sensor	\$200.00	\$600.00	\$1,800.00
RWQA54005	QED Micropurge Basics MP20 Flow Cell	\$100.00	\$300.00	\$900.00
RWQA54010	QED Micropurge Basics MP20 DT Flow Cell	\$125.00	\$375.00	\$1,125.00
RWQA55010	Troll 9000 MP-Professional	\$100.00	\$300.00	\$900.00

<u>MAS#</u>	<u>Water Quality Instruments</u>	<u>Daily</u>	<u>Weekly</u>	<u>Monthly</u>
RWQA53050	Horiba U-10 Water Quality Checker	\$50.00	\$170.00	\$480.00
RWQA521..	YSI 60 pH & Temperature meter	\$25.00	\$75.00	\$225.00

**ELECT. TOOLS & DRILLS**

MINIMUM DAY WEEK



**BREAKER, Bosch Brute 65# electric**  
 with cord, point, chisel, cart ..... 75 ..... 99 ..... 298

**ELECTRIC DRILLS**

3/8" ..... 15 ..... 20 ..... 41  
 3/8" Angle (close quarters) ..... 19 ..... 25 ..... 51  
 1/2" ..... 20 ..... 26 ..... 53  
 1/2" Angle ..... 24 ..... 32 ..... 65

**CORE DRILLS**

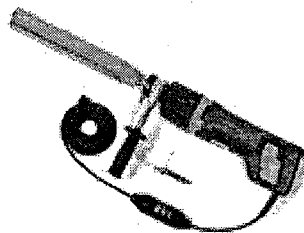
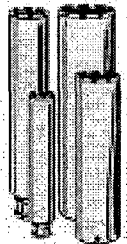
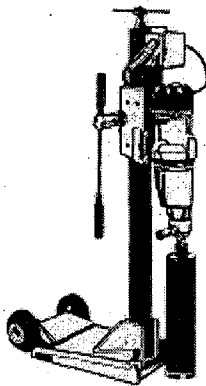
**Hand-Held** ..... 45 ..... 60 ..... 181  
 with 1" diamond bit ..... 90 ..... 105 ..... 270  
 with 1 1/2" diamond bit ..... 98 ..... 113 ..... 286  
**Mast Mounted** ..... 112 ..... 112 ..... 337  
 with 1" diamond bit ..... 157 ..... 157 ..... 426  
 with 1 1/2" diamond bit ..... 165 ..... 165 ..... 442  
 with 2" diamond bit ..... 176 ..... 176 ..... 464  
 with 2 1/2" diamond bit ..... 185 ..... 185 ..... 482  
 with 3" diamond bit ..... 201 ..... 201 ..... 514  
 with 4" diamond bit ..... 219 ..... 219 ..... 550  
 with 4 1/2" diamond bit ..... 228 ..... 228 ..... 568  
 with 5" diamond bit ..... 245 ..... 245 ..... 602  
 with 6" diamond bit ..... 271 ..... 271 ..... 654  
 with 8" diamond bit ..... 329 ..... 329 ..... 771

**MAGNETIC DRILL PRESS** ..... 99 ..... 99 ..... 348

**ENGRAVER, electric** ..... 10 ..... 15 ..... 23

**HAMMER DRILL**

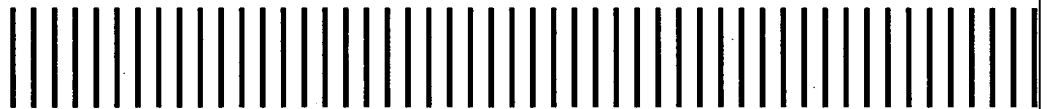
Jacobs Chuck to 1/2" ..... 27 ..... 36 ..... 73  
 Bosch 1248EVS to 1" ..... 35 ..... 69 ..... 208  
 with 1/2" x 6" bit ..... 42 ..... 77 ..... 223  
 with 1/2" x 16" bit ..... 44 ..... 78 ..... 227  
 with 5/8" x 10" bit ..... 44 ..... 79 ..... 227  
 with 5/8" x 16" bit ..... 45 ..... 80 ..... 229  
 with 3/4" x 10" bit ..... 46 ..... 81 ..... 231  
 with 3/4" x 16" bit ..... 47 ..... 82 ..... 233  
 with 7/8" x 10" bit ..... 47 ..... 82 ..... 233  
 with 1" x 10" bit ..... 48 ..... 83 ..... 235  
 with 1" x 16" bit ..... 49 ..... 84 ..... 237  
 with point & chisel ..... 50 ..... 84 ..... 237



**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study Work Plan  
Schedule 2.11s Amendment

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## **Cost Review Checklist**





## Cost Review for Work Plan or Amendment

Contractor Name: Malcolm Pirnie, Inc.  
 WA # and Name: D-004439-9.1A

Date: 11/21/08  
 Reviewer: Mark Flusche

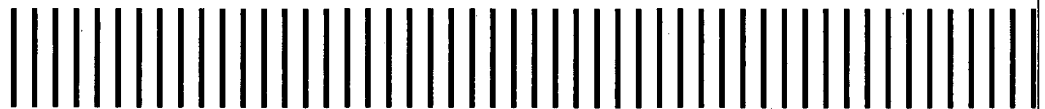
GENERAL COST REVIEW CHECKLIST		Yes	No	Comments
	A complete set of 2.11 Schedules (a) through (h) is attached.	X		
	For grouped work assignments, Schedule 2.11s are broken down by site.			NA
1.	<b>Schedule 2.11(b) - Direct Labor</b>			
	Average reimbursement rates are used for each year. Future years escalate 3%.	X		
	Hours are segregated by year.	X		
	Total cost for each NSPE level is shown.	X		
	Total direct labor costs match amounts on Schedule 2.11(a).	X		
	The Principal's (NSPE level 9) labor hours charged to WA are less than 2% of the total.	X		
	Total labor hours match hours on Schedule 2.11(h).	X		
2.	<b>Schedule 2.11(b-1) - Direct Administrative Labor Hours</b>			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.		X	See memo.
3.	<b>Schedules 2.11(c) and (d) - Direct Non-Salary Costs</b>			
	Rates listed in Schedule 2.11(c) are consistent with contract.	X		
	Rates for in-house and/or miscellaneous costs match contract Schedule 2.10(b).	X		
	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.	X		
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR. If they're not in ICR, they are included in 2.10(b) or 2.10(c). Field costs must be receipted.	X		
	Appropriate lodging/per diem/mileage rates are used.	X		
	Schedule 2.11(d)1 - All equipment purchased is supported by cost justification that's acceptable to the CM. Equipment is to be maintained by the contractor or turned over to DEC, and it must be added to contractor's inventory list (include a revised copy).			NA
	Schedule 2.11(d)2 - Rates for consultant-owned equipment match Schedule 2.10(c).	X		
	Schedule 2.11(d)4 - Includes equipment to be used only on this WA (such as a blower purchased to upgrade SVE system).			NA
	Other direct costs (no. of field days, lodging, and field equipment usage) are reasonable based on field work schedule or supporting documentation.	X		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	X		
4.	<b>Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts</b>			
	Proposed subconsultant is on standby or has DEC-approved rates with another standby consultant. Otherwise, financial information required for cost analysis must be submitted.			NA

	<b>Schedule 2.11(e) - Continued</b>	<b>Yes</b>	<b>No</b>	<b>Comments</b>
	Standby subcontract is active and rates (salary, direct and indirect costs, and fixed fee) match contract rates.			NA
	A breakdown of direct non-salary costs in the form of additional Schedule 2.11s is attached, if appropriate.			NA
	Total subcontract cost matches amount on Schedule 2.11(a).			NA
	Subcontractor has justified/obtained adequate quotes for any further subcontracted work.			NA
	Subcontractor certification(s) have been submitted.			NA
<b>5.</b>	<b>Schedule 2.11(f) - Unit Price Subcontracts</b>			
	There are quotes for non-standby subcontracts >\$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	X		
	<i>Standby Drillers</i> (Two phase process) - 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.			NA
	<i>M/WBE</i> - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by an engineer's estimate.	X		
	<i>Standby Labs and Data Validators</i> (rotate use) - Unit costs match those in contract(s).	X		
	Correct management fee is calculated only on non-professional unit priced subs >\$10k and M/WBE firms from \$1. (Management fee is not allowed on professional engineering firms, architects, or surveyors unless the contract specifically allows it.)	X		
	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.			NA
	Subcontractor certification(s) have been submitted.	X		
<b>6.</b>	<b>Schedule 2.11(g) - Cost Control Report</b>			
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	X		
	PMWP or amendment development costs are within 5% of the total WA or amendment costs. Acceptable justification has been submitted if the percentage exceeds 5%.	x		
	PMWP or amendment development costs are limited to preparing a PMWP or amendment. Additional sub-tasks, if included, have been conceptually approved.	X		
<b>7.</b>	<b>Schedule 2.11(g) Supplemental - Cost Control Report (subs)</b>			
	Schedules include all applicable subcontracts and management fees (for unit price only).	X		
<b>8.</b>	<b>Schedule 2.11(a)</b>			
	Rates for indirect and fixed fee match contract rates.	X		
	All numbers rolled up into Schedule 2.11(a) add up.	X		
<b>9.</b>	<b>Additional Cost Information/Comments</b>			

**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study Work Plan  
Schedule 2.11s Amendment

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## **Subcontractor Certifications**



**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.

  
Signature of Contractor's Authorized Representative

Date

MALCOLM PIRNIE, INC.

11/19/08  
D 004439-9.1A

Contractor Name

Contract No. WA No.

TEST AMERICA LABORATORIES INC.

Subcontractor Name

3/2/07

**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:

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9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

  
Signature of Contractor's Authorized Representative

Date

MALCOLM PIRNIE, INC  
Contractor Name

11/19/08  
D004439-9.1A  
Contract No. WA No.

DATA VALIDATION SERVICES  
Subcontractor Name

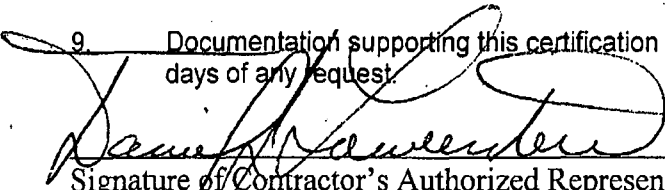
3/2/07

**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:

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Signature of Contractor's Authorized Representative

11/19/08  
Date

MALCOLM PIRNIE, INC.  
Contractor Name

D 004439-911  
Contract No. WA No.

COLUMBIA ANALYTICAL SERVICES  
Subcontractor Name

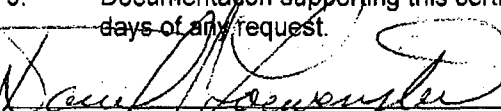
3/2/07

**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:

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Signature of Contractor's Authorized Representative

Date

MALCOLM PIRNIE, INC.

12/29/08  
D-004439-9.1A

Contractor Name

Contract No. WA No.

CHEMTECH

Subcontractor Name

3/2/07

**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:

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Signature of Contractor's Authorized Representative

Date

MALCOLM PIRNIE, INC.  
Contractor Name

12/29/08  
D-004439-9.1A  
Contract No. WA No.

LARSEN ENGINEERS  
Subcontractor Name

3/2/07

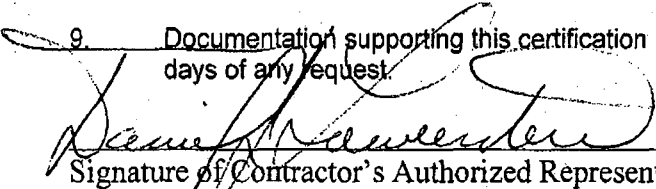


**New York State  
Department of Environmental Conservation  
Division of Environmental Remediation**

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9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

  
Signature of Contractor's Authorized Representative

12/29/08  
Date

MALCOLM PIRNIE, INC.  
Contractor Name

D-004439-9.1A  
Contract No. WA No.

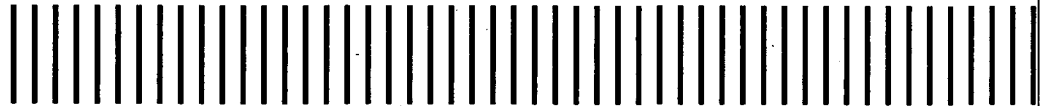
ENVIRONMENTAL PRODUCTS AND SERVICES OF VERMONT, INC.  
Subcontractor Name

3/2/07

**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study Work Plan  
Schedule 2.11s Amendment

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## **Conflict of Interest Forms**



**CONFLICT OF INTEREST CERTIFICATION  
MODOCK ROAD SPRINGS  
VICTOR, NEW YORK  
PAGE 1 of 1**

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed below are the known potential responsible parties as of May 2007.

- **D.L.S Sand & Gravel, Inc.**
- **Syracusa Sand & Gravel**

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Modock Road Springs project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

*Certified By:*

I acknowledge that the subcontractor has no conflict of interest.

For Columbia Analytical Services, Inc  
(Corporation Name)

In Washington  
(State of Incorporation)

By R. Liabraaten - Contracts/Risk Manager  
(Signature of Authorized Representative)

Business Address: 1317 S. 13th Ave.  
Kelso, WA 98626

Phone No.: 360-577-7222 FAX No. 360-425-9096

e-Mail address: rliabraaten@caslab.com

**CONFLICT OF INTEREST CERTIFICATION  
MODOCK ROAD SPRINGS  
VICTOR, NEW YORK  
PAGE 1 of 1**

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed below are the known potential responsible parties as of May 2007.

- **D.L.S Sand & Gravel, Inc.**
- **Syracusa Sand & Gravel**

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Modock Road Springs project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

*Certified By:*

I acknowledge that the subcontractor has no conflict of interest.

For Severn Trent Laboratories, Inc. (Now TestAmerica Laboratories, Inc.)  
(Corporation Name)

In Delaware  
(State of Incorporation)

By   
(Signature of Authorized Representative) - Christopher A. Spencer

Business Address: 10 Hazelwood Drive

Amherst, NY 14228-2298

Phone No.: (716) 691-2600 FAX No. (716) 691-7991

e-Mail address: cspencer@stl-inc.com

**CONFLICT OF INTEREST CERTIFICATION  
MODOCK ROAD SPRINGS  
VICTOR, NEW YORK  
PAGE 1 of 1**

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed below are the known potential responsible parties as of May 2007.

- D.L.S Sand & Gravel, Inc.
- Syracuse Sand & Gravel

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Modock Road Springs project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

*Certified By:*

I acknowledge that the subcontractor has no conflict of interest.

For Data Validation Services  
(Corporation Name)

In Proprietorship  
New York  
(State of Incorporation)

By Judy V. Harry  
(Signature of Authorized Representative)

Business Address: P.O. Box 208, 120 Cobble Creek Rd.  
North Creek, NY 12853

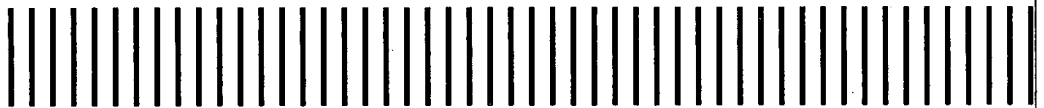
Phone No.: (518) 251-4429 FAX No. (518) 251-4428

e-Mail address: harry@frantier.net

**New York State Department of Environmental Conservation**  
Modock Road Springs/DLS Sand and Gravel, Inc. Site  
Remedial Investigation/Feasibility Study Work Plan  
Schedule 2.11s Amendment

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## **MBE/WBE and EEO Utilization Plan**



New York State Environmental Conservation  
Office of Minority and Women's Business Program  
625 Broadway, 10th Floor  
Albany, New York 12233-5028  
Phone: 518.402.9311 Fax: 518.402.9230

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**CONSULTANT/CONTRACTOR DETAILED M/WBP - EEO UTILIZATION PLAN  
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**ALL SHADED FIELDS REQUIRED**

**USE TAB KEY TO NAVIGATE**

**Consultant/Contractor Detailed M/WBP-EEO Utilization Plan  
New York State Department of Environmental Conservation**

Contractor Name: Malcolm Pirnie, Inc.					
Contract Type: Investigation/Design		Contract No.: D-004439-9.1A		Contract Award Date: 7/18/2005	
Contractor's Address: 43 British American Blvd.		City: Latham		State: NY	Zip Code: 12110
Municipality/Project Owner Name: NYS Department of Environmental Conservation		Address: 625 Broadway		Phone No.: (518) 402-9764	
City: Albany	State: NY	Zip Code: 12233	Representative Signature:		
Minority Business Enterprise Officer (MBEO) Name: Thomas Christian			Signature:		
City: Albany	State: NY	Zip Code: 12233	Phone No.: 518-402-9311	Email: techrist@gw.dec.state.ny.us	
Project Location: City/Town/Village: Town of Victor			County: Ontario		

**PROJECTED M/WBE AND EEO CONTRACT SUMMARY**

	%	Amount		%	No./Employ	Wk./Hrs.
1. Total Project Dollar Value	100%	\$597,937.00	5. Total for All Employees	100%	3,183	3183
2. MBE Project Goal	15.0%	\$89,690.55	6. Total Goal for Minority Employee	10%	318	0
3. WBE Project Goal	5.0%	\$29,896.85	7. Total Goal for Female Employee	10%	318	267
4. M/WBE Totals Combined	20.0%	\$119,587.40	8. EEO Combined Goals	20%	637	267

**OFFICE OF MINORITY & WOMEN'S BUSINESS PROGRAMS USE ONLY**

Proposed Goals		Date Approved	Date Disapproved	Initials
MBE%	EEO-Minorities %			
WBE %	EEO-Female %			



### Consultant/Contractor Detailed M/WBP-EEO Utilization Plan

#### Section I - MBE Information

MBE Firm (Exactly as Reistered)	Description Work	Projected Contract Amount and Award Date	Contract Schedule Start Date	Contract Payment Schedule	Project Completion Date
Name: Om P. Popli Address: 139 MAIN STREET 1ST FLOOR City: HACKENSACK State: NJ Zip Code: 07601 Phone: (201)343-5059 Fed. I.D.: 22-2988395	Survey	Amount: \$3,688.00 Date: 04/01/08	04/01/07	10/01/08	08/05/08
Name: Chemtech Address: 284 Sheffield Street City: Mountainside State: NJ Zip Code: 7092 Phone: (908) 789-8900 Fed. I.D.: 13-2598184	Air Analytical	Amount: \$12,530.00 Date: 08/01/07	08/01/07	05/01/08	03/01/08
Name: Larsen Engineers Address: 700 West Metro Park City: Rochester State: New York Zip Code: 14623 Phone: 585-272-7310 Fed. I.D.: 16-1066373	Field Assistance	Amount: \$8,180.00 Date: 08/01/07	12/01/07	05/01/08	03/01/08

### Consultant/Contractor Detailed M/WBP-EEO Utilization Plan

#### Section II - WBE Information

WBE Firm (Exactly as Reistered)	Description Work	Projected Contract Amount and Award Date	Contract Schedule Start Date	Contract Payment Schedule	Project Completion Date
Name: Geologic NY, Inc. Address: 37 Copeland Avenue City: Homer State: New York Zip Code: 13077 Phone: (607) 749-5000 Fed. I.D.: 16-1420642	Direct-Push Drilling	Amount: \$19,200.00 Date: 08/01/07	10/01/07	02/01/08	11/30/07
Name: Data Validation Services Address: PO BOX 208 City: North Creek State: New York Zip Code: 12853 Phone: (518)251-4429 Fed. I.D.: 239-02-2643	Data Validation	Amount: \$6,340.00 Date: 08/01/07	08/01/07	12/01/08	10/01/08
Name: Aztech Technologies Address: 5 McCrea Hill Road City: Ballston Spa State: New York Zip Code: 12020 Phone: (518)885-5383 Fed. I.D.: 16-1536343	Direct-push drilling and temporary well installation	Amount: \$6,206.00 Date: 04/01/07	04/01/07	07/01/08	05/01/07

**SECTION III - EEO INFORMATION**

Job Categories	Total Work Hours of Contract	All Employees		Minority Employees			
		Males	Females	Black	Asian	Native	Hispanic
Officials/Managers	579	579					
Professionals	2062	1837	225				
Technicians	500	500					
Sales Workers	0						
Office/Clerical	42		42				
Craftsmen	0						
Laborers	0						
Service/Workers	0						
<b>Totals</b>	<b>3183</b>	<b>2916</b>	<b>267</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>