workplan.hw.709013.2011-08-31.D004440-01_URS.pdf

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway, Albany, NY 12233-7012
Phone: (518) 402-9764 • **Fax:** (518) 402-9722
Website: www.dec.ny.gov

Joe Martens
Commissioner

August 31, 2011

Mr. Jack Wilcox, P.E.
URS Corporation
77 Goodell Street
Buffalo, NY 14203

Re: D/C Standby Contract #D004440
Payment No. 67

Dear Mr. Wilcox:

We have completed our review of Payment No. 67 for the above referenced contract. Based on this review, we have approved payment in the amount of $118,945.63 rather than the $118,193.86 requested, for the following reasons:

Work Assignment No. 1 – Camp Pharsalia

The payment amount was adjusted from -$751.77 to $0. Payment applications for negative amounts cannot be processed.

URS should send a refund check for this difference. The check should be made out to NYS Department of Environmental Conservation and sent to the DER CM, Nicole Morgan.

Sincerely,

Eric R. Obrecht, P.E.
Chief
Contracts and Payments Section
Bureau of Program Management
Division of Environmental Remediation

ec: M. Mason, PM

New York State Department of Environmental Conservation
Fixed Fee and Subcontract Management Fee Analysis
MEMORANDUM

To: File
From: Nicole Morgan, Contracts and Payments Section, Division of Environmental Remediation
Subject: Closeout cost adjustments for D004440-1 (Camp Pharsalia)
Date: 8/4/2011

Fixed Fee Analysis:

1. Base LOE* (hr.):	1719	tasks 1-5
2. Closeout LOE (hr.):	1790	
3. Percentage Change LOE (Closeout-Base/Base x 100):	4.1%	
4. Is a Fixed Fee adjustment needed?	no	
5. Original Fixed Fee:	$15,630	tasks 1-5
6. Fixed Fee due at WA closeout:	$15,630	
7. Fixed Fee claimed at WA closeout:	$17,260	
8. Increase/Decrease to total Fixed Fee paid out**:	-$1,629.77	

*Base LOE is calculated as the number of direct labor hours in the original work plan plus the initial hours given for new tasks in subsequent amendments. Original Fixed Fee is calculated as the fixed fee amount in the original 2.11s plus the initial fee given on the Schedule 2.11 (g)s for any new tasks added in subsequent amendments. Do NOT alter the number of hours or the associated fee amounts for tasks in the original work plan even if they are increased later on in amendments. If tasks are deleted in later amendments, those hours and associated fees should be subtracted from the base hours and fee.

**An adjustment is ONLY necessary if the dollar amount in #6 is different from the dollar amount in #7. (The #7 figure is the amount the firm has collected for fixed-fee over the life of the project, including any amount claimed on the final CAP; it's found on the final Schedule 2.11(g) Summary - Column D, Row 9.)

Subcontract Management Fee Analysis:

Subcontractor Name	Actual work performed ($)	Fee due on actual work performed	Fee claimed at closeout	Adjustment to fee paid out
1. Queen City	$3,820.00	$191.00	$191.00	$0.00
2. Mitkem	$7,307.00	$365.35	$365.00	$0.00
3. Joanne Darcy Crum	$3,150.00	$0.00	$0.00	$0.00
4. American Auger	$2,700.00	$135.00	$135.00	$0.00
5. Hampton-Clarke	$0.00	$0.00	$0.00	$0.00
6. EMSL	$83.00	$0.00	$0.00	$0.00
7. Sienna	$3,746.00	$187.00	$187.00	$0.00
Total increase/decrease to subcontract management fees:				$0.00

* M/WBE

Amount requested on final CAP:	$878.00
Adjustment to Fixed Fee:	-$1,629.77
Adjustment to Subcontract Management Fees:	$0.00
Amount of final payment:	**-$751.77**

1459	task 6	260
13238	task 6	2392

pro. Survey

Enc
30,950.18
605020-05

New York State Department of Environmental Conservation
Division of Environmental Remediation, 12th Floor
625 Broadway, Albany, New York 12233-7011
Phone: (518) 402-9706 • **FAX:** (518) 402-9020
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

Via E-Mail

AUG - 1 2008

Mr. Charles E. Dusel, Jr.
URS Corporation
77 Goodell Street
Buffalo, New York 14203

Dear Mr. Dusel:

RE: Schedule 2.11 Approvals
Contract/WA No. - D004440-1A.1
Site/Spill Name - Camp Pharsalia
Site No. - 7-09-013

Dear Mr. Dusel:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) hereby approves the enclosed Schedule 2.11s for the above referenced WA Amendment in the amount of $40,615.00 for a total WA amount not to exceed $192,603.00. Your firm may now submit a request for reimbursement for work completed under this WA.

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

Sincerely,

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

Attachment
ec: w/enc. M. Mason
L. Lagasse

ec: w/o enc. D. Desnoyers
S. Ervolina
D. Weigel
R. Knizek
M. Cruden
D. Finlayson
T. Wolosen
T. Christian

+ 40,615

AMENDMENT TO THE
PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE

For:

REMEDIAL DESIGN PROJECT
CAMP PHARSALIA SITE
SITE #7-09-013

TOWN OF PHARSALIA, NEW YORK

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-1A.1

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

JULY 2008

CAMP PHARSALIA SITE
PROJECT MANAGEMENT WORK PLAN
AMENDMENT

TABLE OF CONTENTS

TABLES

APPENDICES

1.0 INTRODUCTION

This Amendment to the previously approved Project Management Work Plan/Budget Estimate (PMWP) has been prepared to identify additional activities and costs for the Camp Pharsalia Remedial Design Project. The activities will comprise construction phase services, including shop drawing review, construction oversight, and preparation of the Construction Monitoring Report.

The project was authorized originally through URS' Standby Contract D004440 with the New York State Department of Environmental Conservation (NYSDEC) under Work Assignment (WA) Number 1 (D004440-01). URS prepared and submitted a Final PMWP and Budget Estimate in May 2006. In March 2008, a WA rebudget (D004440-1A) was submitted and approved for this work, without increasing the contract amount. The rebudget included a new task (Task 6) for construction services. This amendment to the WA (D004440-1A.1) will increase the contract amount.

This document describes only the proposed changes to the previously approved PMWP.

2.0 SCOPE OF WORK

The scope of work contained in WA D004440-1 dated November 28, 2005, included tasks for work plan preparation, pre-design investigation activities, preparation of plans and specifications, and for pre-award services. However, since the time that the work assignment was issued, another task not previously envisioned has been identified and added in the rebudget (D004440-1A). The new task (Task 6) is for providing construction services, described below.

2.1 Task 1 – Work Plan Development

This task was completed under WA D004440-1.

2.2 Task 2 – Remedial Alternative Cost Estimate

This task was completed under WA D004440-1.

2.3 Task 3 - Pre-Design Field Activities

This task was completed under WA D004440-1.

2.4 Task 4 – Plans and Specifications

This task was completed under WA D004440-1.

2.5 Task 5 - Pre-Award Services

This task was completed under WA D004440-1.

2.6 New Task 6 – Construction-Phase Services

This task includes the following four subtasks:

- Shop Drawing and Submittal Review

- Construction Oversight
- Documentation Monitoring for the CAMP
- Construction Records and Report

Each of these is discussed in the following subsections.

2.6.1 New Subtask 6.1 – Shop Drawing and Submittal Review

Following the Contractor's Notice to Proceed, URS will obtain written submissions as required by the contract documents (in particular those referred in Section 01305 of contract documents). URS will evaluate these according to project objectives and requirements and send them, along with written recommendations, to the Department concerning their suitability. The engineer will obtain and review shop drawings, soil tests, material tests, and as-built drawings for the duration of the project and make recommendations for their acceptance/rejection to the Department. The engineer shall review analytical material generated during construction, including QA/QC of analytical data and review of waste character profile sheets. The engineer shall continually monitor the Contractor's progress, review the Contractor's progress schedule biweekly, notifying the Contractor of its status, and require the Contractor's proposed action to get back on schedule, if needed. URS, acting as agents for the NYSDEC, will sign manifests and bills of lading for disposal of NYSDEC hazardous and nonhazardous waste, respectively. URS will assure that the Contractor properly disposes of the waste. Proper documentation of disposal shall be provided to the Department. URS shall review and recommend approval of all requests for payment submitted by the Contractor.

2.6.2 New Subtask 6.2 – Construction Oversight

URS will provide one full-time inspector to monitor the Contractor's performance of the requirements of the contract documents by providing one full-time experienced resident inspector during the construction period. Construction activities during this time period will include mobilization, demolition of the treatment building, its concrete slabs and foundations, excavation of contaminated soil, offsite disposal, groundwater collection and off-site disposal, and all other work required to complete work as specified in the contract documents. URS will notify the

Contractor and the Department in the event that the Contractor fails to perform the work as specified in the contract and recommend to the Department acceptance, disapproval or rejection of the Contractor's work. URS will issue instructions, field orders, interpretations and clarification of contract language to the Contractor. In the event that a change order is required, the engineer will negotiate, develop, and submit the change order with an independently developed, detailed cost estimate and other pertinent documentation, as needed, to the Department. The engineer will document, evaluate and recommend a course of action for all disputes and claims with the Contractor. The URS Project Manger or the resident inspector will attend any and all project progress meetings.

URS will check that the Contractor's site visitor's log, security log, health and safety log, air monitoring log, and sampling log are accurate and up to date. URS will monitor the progress of the Contactor in reference to the work schedule submitted by the Contractor.

URS will also conduct: (1) an inspection upon substantial completion of the work and (2) a final completion inspection upon project completion, as identified in the Contract Documents. If applicable, the engineer will conduct a one-year warranty inspection. URS will prepare a detailed punch list of those work items remaining unfinished and an estimate of the value of the work that must still be completed. URS will participate in the final inspections to determine if all work is completed and meets the requirements of the construction contract. Once these inspections have been performed, URS will deliver to the Department a written notice with regard to the disposition of the project. If URS determines that the project has been satisfactorily completed according to the contract plans and specifications, certification to this fact will be made to the Department by URS. All files, reports, documentation, etc. will be turned over to the Department at the completion of the project, including an electronic version in PDF format.

Budget Assumptions:

- One full time field inspector, 10 hours per day, during duration of project, assumed to be four 5-day weeks.

2.6.3 New Subtask 6.3 – Documentation Monitoring for the CAMP

The documentation monitoring required by the Community Air Monitoring Plan (CAMP) (URS, revised December 2007) will be performed by URS.

Per the CAMP, documentation monitoring was to be conducted for PCP each day during the first week (minimum of 5 days) of intrusive or materials handling activities and on a weekly basis (i.e., one day per week) thereafter during intrusive or materials handling activities. Since the remediation contractor has indicated that the initial excavation is expected to be completed within 2 days, the Department has modified the documentation monitoring requirements. In a June 12,2008 telephone conversation with the Department, the frequency of sampling was reduced to one day of sampling during the first week of excavation and one day of sampling during the second week of intrusive or material handling activities. Documentation monitoring will consist of air sampling and analysis for PCP in accordance with Compendium Method TO-13A. PCP concentrations will be determined at one upwind (i.e., background) and three locations downwind of the intrusive work areas. On each day of sampling, the wind direction will be determined prior to the placement of the monitoring stations. No PCP monitoring will be required when no intrusive work is taking place.

Air samples shall be collected over an approximate 8-hour period by drawing a known volume of air (utilizing a polyurethane foam (PUF) high volume air sampler) through a specially prepared PUF/XAD™ sample media cartridge. Each sampling pump will be calibrated in accordance with the manufacturer's requirements. The samples will be analyzed by a laboratory in accordance with Compendium Method TO-13A. The laboratory will report results within a 2-day turn-around time. Results will be forwarded to the NYSDEC and NYSDOH immediately upon receipt from the laboratory.

The initial PCP sampling data will be evaluated in consultation with the NYSDEC and NYSDOH. Based on the initial PCP sampling results, modifications to the monitoring plan will be evaluated as necessary. Subsequent PCP monitoring data will be evaluated in consultation with the NYSDEC and NYSDOH and be discussed at the project progress meetings.

Budget Assumptions:

- A total of 8 samples will be collected at 4 locations, for analysis as stated above.

2.6.4 New Subtask 6.4 – Construction Records and Report

URS will maintain complete and detailed records associated with all construction and related activities during the project duration. These records and reports include the following:

- Daily work completed, visitors on site, and important conversations.
- Contractor's daily use of personnel, materials and equipment.
- Records documenting Contractor's deviation from work as specified in the contract (if any), and any instructions issued by URS regarding deviations.
- General files including correspondence, and other documentation related to the project.
- Unusual circumstances (weather conditions, labor disputes, environmental health and safety hazards encountered, etc.).
- Job meetings.
- Air monitoring data.
- Records of Contractor's submittals including shop drawings, change orders, soil tests, material tests and action taken (e.g., approval).
- Digital Construction Photos. The digital photos will be submitted daily along with a brief photo log in the Inspectors Daily Report. By the time of Substantial Completion the Engineer shall place the photos on CD ROMs for Departmental review.
- As-Built Drawings.

- Telephone conversations.
- Copies of manifests and bills of lading for disposal of wastes.
- Copies of certifications of disposal.

Following the completion of construction activities, URS will prepare a final, remediation report for the Department. The report will evaluate and certify the work performed by the contractor and verify that it was constructed in accordance with the contract documents. Attached to the report will be the approved record drawings and any other pertinent documents relative to construction activities. All digital photos taken will be included within the report with a date and a brief log description of work viewed.

Budget Assumptions:

- None not already stated

3.0 PROJECT SCHEDULE

Table 3-1 presents the project schedule dates, and deliverable due dates for the amended portion of the project.

TABLE 3-1

PRELIMINARY PROJECT SCHEDULE WITH DESIGNATED MILESTONES

Project Milestone – Task 6	Completion Date
Notice of Apparent Low Bidder sent to Contractor	February 22, 2008
Contract Award	May 27, 2008
Notice to Proceed date as issued to Contractor	July 7, 2008
Contractor Mobilizes	July 7, 2008
Site backfilled and restored	August 7, 2008
Construction Certification Report issued	November 7, 2008

ENGINEERING COST COMPARISON
CAMP PHARSALIA DOCUMENTATION MONITORING

Task – Pentachlorophenol (PCP) Documentation Monitoring	Units	Estimated Duration/Qty	Sienna Rate/ unit cost	Sienna Cost	URS Rate/ unit cost [1,2]	URS Costs
Daily costs						
Air Sampling Technician Service (based on 10 hr work shift)	/Hour, 10 hrs	2	$ 40.00	$ 800.00	$ 60.22	$ 1,204.40
PCP Analysis by Modified OSHA Method 39 (includes PUF High Volume Air Sampler Rental) based on 4 samples daily at 48 hour TAT	Each	8	$ 200.00	$ 1,600.00	$ 171.50	$ 1,372.00
Lodging	Night	2	$ 70.00	$ 140.00	$ 70.00	$ 140.00
Reimbursable Expenses (Per Diem)	Day	2	$ 39.00	$ 78.00	$ 39.00	$ 78.00
			SUBTOTAL	**$ 2,618.00**		**$ 2,794.40**
Additional costs						
Project Closeout Report	Each	1	$ 100.00	$ 100.00	NA	NA
Mileage	/Mile	200 miles each way, 2 round trips	$ 0.585	$ 468.00	$ 0.585	$ 468.00
Drive time and tolls	/Hour	3.5 hours each way and tolls, 2 round trip	$ 40.00	$ 560.00	$ 60.22	$ 843.08
			SUBTOTAL	**$ 1,128.00**		**$ 1,311.08**
			TOTAL	**$ 3,746.00**		**$ 4,105.48**

1 - URS' unit rate for an Air Sampling Technician includes direct labor ($23.80/hour), indirect labor (125.9%) and fixed fee (12%). (Comparable to blue book rate)
2 - Cost of PCP Analysis is based on Galson Laboratory listed rates. URS' standby air laboratories do not include rates for OSHA Method 39 analysis.

SUBSTANCE	CAS #	FEE PER SAMPLE	METHOD & NOTES SYMBOLS KEY: SEE PAGE 1	ANALYTICAL TECHNIQUE	COLLECTION MEDIUM	ORDER NUMBER	COMP CODE	AIR VOL. (L)	SAMPLING RATE (LPM)	LOQ
Paraffin Wax Fume			Modified OSHA PV2047 ✣ Sample open face.	GC/FID	Glass Fiber Filter			100	1.0	TBD
PCB Air (Polychlorinated Biphenyls)		$80	Modified NIOSH 5503 Method allows sampling - 1 LPM for 24 hours	GC/ECD	GFF & Florisil	226-39		1-50	0.05-0.2	0.05ug
PCB Wipe (Polychlorinated Biphenyls)		$80	40 CFR 761 Moisten wipe with hexane prior to sampling	GC/ECD	Gauze					0.5-1.0ug
Pentachlorophenol	87-86-5	$98	Modified OSHA 39	HPLC/UV	XAD-7	226-97		480	0.2	1ug
n - Pentane (2)	109-66-0	$47	Modified NIOSH 1500	GC/FID	Charcoal	226-01	U	2.0	0.01-0.05	5ug
		$47	Modified 3M	GC/FID	PM		U	3 hr		5ug
Perchloroethylene (2) (Tetrachloroethylene)	127-18-4	$47	Modified NIOSH 1003	GC/FID	Charcoal, PM	226-01		0.2-40	0.01-0.2	5ug, 5ug
		$47	Modified OSHA 1001	GC/FID	Charcoal, PM	226-01		1-12	0.05	5ug
		$60	Modified NYS-DOH 311-9	GC/ECD	PM					0.06ug
Phenol (4)	108-95-2	$84	OSHA 32 ✓	HPLC/UV	XAD-7	226-95		24	0.1	1.0ug
4 - Phenylcyclohexene	4994-16-5	$47	Modified NIOSH 1501	GC/FID	Charcoal	226-01	U	10	.05-0.2	5ug
		$47	Modified NIOSH 1501	GC/FID	PM	3M 3500/3520	U			5ug
Phenyl Ether	101-84-8	$47	Modified NIOSH 1617	GC/FID	Charcoal	226-01		1-50	0.01-0.2	3ug
Phosphoric Acid (3)	7664-38-2	$58	Modified NIOSH 7903	IC	Washed Silica Gel	226-10-03		20-100	0.2-0.5	10ug
Phosphorous (Particulate)	7723-14-0		Mod.NIOSH 7300/Mod.OSHA 125G ✣	ICP-MS	37MCEF 0.8			25-1000	1.0-4.0	1.5ug
Phosphorous (Vapor)	7723-14-0		Modified NIOSH 7905 ✣ Note: Send to lab under refrigeration.	GC	Tennax Tube	226-35-03		5-100	0.01-0.2	
Platinum (5) (metal)	7440-06-4	$39	Modified OSHA ID-121; AP7 Sample seperately from other metals.	ICP-MS	37MCEF 0.8			200-2500	1.0-4.0	0.015ug
(Soluble Salts)		$39	Modified OSHA ID-121; AP2	ICP-MS	37MCEF 0.8			200-2500	1.0-4.0	0.015ug
PNAH (Polynuclear Aromatic Hydrocarbons)		$260	Modified NIOSH 5506 Remove filter from cassette and place into vial, wrap with aluminum foil to protect from sunlight. Send sampled refrigerated, overnight delivery.	HPLC/UV-FL	37PTFE 2.0/XAD	225-17-07/ ORBO 43		200-1000	2.0	3ug
Coal Tar Pitch Volatiles		$55	Modified OSHA 58 ✣ ⊙ ☼ Remove filter from cassette and place into vial, wrap with aluminum foil to protect from sunlight. Send sampled refrigerated, overnight delivery.	Gravimetric	GFF	In House		960	1.5-2.0	0.1mg
Potassium (1) (5)	7440-09-7	$30	Mod.NIOSH 7300/Mod.OSHA 125G M	ICAP	37MCEF 0.8			120-240	1.0-2.0	15ug
		$39	Mod.NIOSH 7300/Mod.OSHA 125G M	ICP-MS	37MCEF 0.8			120-240	1.0-2.0	15ug
Potassium Hydroxide	1310-58-3	$52	Modified NIOSH 7401	Titration	37PTFE 1.0			70-1000	1.0-4.0	60ug

GALSON LABORATORIES

Notes: Symbols Key

✔ : preferred method
✱ : ship overnight refrigerated
☎ : call in advance of sampling to order media
▽ : a three sample minimum submittal is required
⊙ : collect using 2 tubes in a series
❷ : 3M recommended maximum sampling hours
❖ : subcontracted analysis
☼ : protect samples from light
⊕ : immediately after sampling remove from cassette and place in glass vial
⊠ : Please send, under separate cover, a sample (bulk) of your particular solvent for use as a reference standard. The bulk sample will be charged the analysis price. Additional analyses and fees may be required to determine the DE for results that do not match a common standard.
M : Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that may be biased low.

Compatibility Codes

A: Charcoal and carbon disulfide desorption

B: Treated XAD-2 (2-(hydroxymethyl) piperidine and toluene desorption

C: Silica gel and 95% ethanol desorption

D: Tenax and carbon tetrachloride desorption

E: OVS Sampler and toluene desorption

F: Charcoal and 5% methanol in methylene chloride

G: Treated GFF (1-(2 pyridyl) piperazine) and acetonitrile/dimethyl sulfoxide desorption

U: Universal Solvent GC Method

(1) Each additional compatible metal $18.
(2) Each additional compatible GC compound $26.
(3) Each additional compatible acid $28.
(4) Each additional compatible HPLC compound $40.
(5) Each additional compatible metals by ICP-MS $28.

Bulks used as analytical standards for GC analysis will be billed at $75.

LOQs listed do not include the desorption efficiency, which could result in higher detection levels. Please call the lab for more information.

For additional Method information, please refer to the links on Method types.

All prices are effective 04/15/08.

The following surcharges will be added to the listed fees based on the following sample turnaround times:

** Same Day	200%
** Next Day (12pm)	150%
** Next Day (6pm)	100%
** Second Day	75%
** Third Day	50%
** Fourth Day	35%

SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC
429 Franklin St. · Suite 102 · Buffalo, NY 14202 · Ph: 716-332-3134 · Fax: 716-332-3136

4. FEES

Task – PCP Documentation Monitoring	Units	Estimated Duration/Qty	Rate/unit cost	Cost
Daily costs				
Air Sampling Technician Service* (based on 10 hr work shift)	10 hr shift	2	$40/hr	$800
Lodging	nights	2	$70/night	$140
PCP Analysis by Modified OSHA Method 39 (includes PUF High Volume Air Sampler Rental) ** based on 4 samples daily at 48 hour TAT	Each	8	$200	$1600
Reimbursable Expenses Per Diem	daily	2	$39/day	$78
total				**$2618.00**

Additional costs**				
Project Closeout Report	Each	1	$100	$100
Mileage	200 miles each way	2 round trips	.585 / mile	$468
Drive time and tolls	3.5 hours each way	2 round trips	$40/hr	$560
total				**$1128.00**

*includes labor and sample collection costs. Hourly rates as listed shall be billed after 10 hours on site. All work is assumed 1st shift weekday, all hours outside of this will incur a 20% premium.
**If additional air samples are requested, additional PCP air samples, as well as additional costs shall be billed to client at the above unit rates. Client may elect to forward these charges on to remediation contractor.

5. SUMMARY

Sienna is pleased to submit this proposal for your review and appreciates the opportunity to be considered for this project. If you wish to accept this proposal please sign below and return to Sienna at the address listed on the cover letter.

Susanne Kelley

Submitted by Sienna Environmental Technologies — Date: 6/26/08

Accepted by — Date

4.0 IDENTIFICATION OF AREAS OF WORK REQUIRING SUBCONTRACTING

URS has identified the following portions of work we propose to subcontract:

- Copying/Binding (Queen City Graphics [WBE])
- Laboratory Analytical (Mitkem Corp. [MBE])
- Site Survey (Joanne Darcy Crum [WBE])
- Test Trenching (American Auger [WBE])
- IDW Disposal (Hampton-Clarke [WBE])
- Asbestos Sample Analytical (EMSL)
- Documentation Monitoring (Sienna [MBE/WBE])

Of these seven subcontractors, six (Queen City, Mitkem, Joanne Darcy Crum, American Auger, Hampton-Clarke, and EMSL) were included in the original work assignment. Of these six, Mitkem was included from URS's standby analytical laboratories, and the other five were procured in accordance with the Departments procurement requirements and were previously approved by NYSDEC.

The amendment adds one new subcontractor: Sienna. The justification for retaining this subcontractor is as follows:

1 Sienna will provide documentation monitoring for the Community Air Monitoring Program. Since Sienna is a dual certified MBE/WBE and the anticipated costs are below $20,000, URS compared their costs to an engineering estimate and found Sienna's rates to be reasonable.

The Minority/Women-owned business plan is included in Appendix B.

5.0 STAFFING PLAN/KEY PERSONNEL

The proposed management plan and key personnel for the amended portion of this project and the responsibilities of each project position are described below.

- Project Director (D. Hunt, P.E.) is the URS project director responsible for assuring the availability of resources, overall project performance, and representing URS in all contractual matters with NYSDEC.

- Project Manager (C. Dusel, Jr.) will be responsible for technical and financial management of the project, and for overall coordination and review of component work activities. The Project Manager will serve as the initial and primary contact with NYSDEC throughout the project.

- Project Quality Assurance Officer (J. Wilcox, P.E.) will ensure that all project deliverables undergo a thorough QA review by senior staff members who are qualified and experienced in appropriate disciplines.

- Project Engineer (R. West, PE) will review shop drawings, submittals, and provide the necessary office engineering support for the Resident Inspector. Other staff members will be utilized on an as-needed basis.

- Project Health & Safety and Quality Assurance/Quality Control Coordinators (S. Nozik and G. Kisluk, respectively) will coordinate the development of the Health & Safety and QA/QC plans, and will provide technical guidance and input to their implementation.

- Resident Inspector (Stephen Tripi) will provide on-site construction inspection services, will develop the daily inspection report, and will interact as necessary with the Contractor.

- Chemist (A.M. Kropovitch) will perform data validation services. The Chemist will be responsible for verifying the data from the off site laboratory meets the requirements outlined in the project Quality Assurance Project Plan (QAPP).

6.0 PROJECT COST

An estimate of the project cost is presented in Appendix A.

APPENDIX A

PROJECT BUDGET ESTIMATE

SCHEDULE 2.11(a)

Summary of Work Assignment Price
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	$64,059
2) Indirect Costs (Schedule 2.10(g))	$80,650
3) Direct Non-Salary Costs (Schedules 2.10(d)(e)(f) and 2.11(c)(d)	$8,453

Subcontract Costs

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

Name of Subcontractor	Services to be Performed	Subcontract Price

4) Total Cost-Plus-Fixed-Fee Subcontracts

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

Name of Subcontractor	Services to be Performed	Subcontract Price
A) Queen City Imaging (WBE)	Copying/Binding	$4,193
B) Mitkem Corporation (MBE)	Analytical Services	$7,307
C) Joanne Darcy Crum (WBE)	Survey	$3,150
D) American Auger (WBE)	Test Trenching	$2,700
E) Hampton-Clarke, Inc. (WBE)	IDW Disposal	
F) EMSL	Asbestos Analysis	$83
G) Sienna (M/WBE) 2008	2008 Documentaion Monitoring	$3,746

5) Total Unit Cost Subcontracts	$21,179
6) Subcontract Management Fee	$897
7) Total Subcontract Costs (lines 4 + 5 + 6)	$22,076
8) Fixed Fee (Schedule 2.10(h))	$17,365
9) Total Work Assignment Price (lines 1 + 2 + 3 + 7 + 8)	$192,603

Date Prepared: 07/24/08

J:\11174439.00000\EXCEL\2_11 (04-04-06)\2_11 FINAL\July 2008 Amendment\[SCHEDULE_F.xls]A&B

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1

Date Prepared: 07/24/08

Schedule 2.11(b)

Direct Labor Hours Budgeted

Labor Classification	*IX*	*VIII*	*VII*	*VI*	*V*	*IV*	*III*	*II*	*I*	*Admin.*	*Total Direct Labor Hrs.*
*Avg. Salary Rate ($) (Year 2006)	$60.46	$57.14	$46.27	$39.36	$33.17	$28.51	$23.66	$20.38	$16.50	$11.92	
*Avg. Salary Rate ($) (Year 2008)	$62.81	$59.36	$48.07	$40.89	$34.46	$29.61	$24.58	$21.18	$17.14	$12.38	
Task 1 - Task 1 - Work Plan Development (2006 rate)	2	6	30		70		16	11		4	139
Task 2 - Task 2 - Remedial Alternative Cost Estimate (2006 rate)		4	29		49		16			7	105
Task 3 - Task 3 - Pre-Design Field Activities (2006 rate)		4	30	8	101	30	31	15	4	1	224
Task 4 - Task 4 - Plans and Specifications (2006 rate)	3	13	92	98	100	87	101	52	10	32	588
Task 5 - Task 5 - Pre-Award Services (2006 rate)	1	6	58	30	32				4	4	135
Task 6 - Task 6 - Construction Phase Services (2008 Rate)	1	8	120	80	65	310	41	45	42	30	742
Task 7 -											
Task 8 -											
Task 9 -											
Task 10-											
Task 11-											
Task 12-											
Task 13-											
Task 14-											
Task 15-											
Total Hours	7	41	359	216	417	427	205	123	60	78	1933
Total Direct Labor Cost ($)	$426	$2,360	$16,827	$8,625	$13,915	$12,514	$4,889	$2,543	$1,017	$943	$64,059

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

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1

Date Prepared: 07/24/08

Schedule 2.11(b-1)

Direct Administrative Labor Hours Budgeted

Labor Classification	*IX*	*VIII*	*VII*	*VI*	*V*	*IV*	*III*	*II*	*I*	*Admin*	*Total No. of Direct Labor Hrs.*
Task 1 - Work Plan Development (2006 rate)	1	1	4	4	8						18
Task 2 - Remedial Alternative Cost Estimate (2006 rate)			2	4	8						14
Task 3 - Pre-Design Field Activities (2006 rate)		6	2	6	4					1	19
Task 4 - Plans and Specifications (2006 rate)	1	1	6	3	2						13
Task 5 - Pre-Award Services (2006 rate)		2		2						2	6
Task 6 - Construction Phase Services (2008 Rate)		1	2			2		1	1		7
Total Hours	2	11	16	19	22	2		1	1	3	77

Contract/Project administrative hours would include but not necessarily be limited to the following activities

1) Work Plan Development
- Conflict of Interest Check
- Develop budget schedules and supporting documentation

2) Review Work Assignment (WA) Progress
- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/MBE Utilization Report

4) CAP Preparation
- Oversee and prepare monthly CAP
- Respond to payment issues/disallowances
- NSPE list updates
- Equipment Inventory

5) Manage subcontracts

6) Implement and manage program management and staffing plans

Contract/Project administrative hour would not include activities such as:

1) QA/QC reviews
2) Technical oversight by management
3) Develop subcontracts
4)Work Plan Development (other than COI and budget preparation)

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1

SCHEDULE 2.11(c)

Direct Non-Salary Costs
Work Assignment #D004440-1A.1

Item	Max Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Estimated Cost $
A) SAMPLE ANALYSIS RATE				
NONE				
B) MISCELLANEOUS				
MILEAGE ($0.505/mile)	$0.51	/MILE	5098.5	$2,574.74
CAR RENTAL	$65.00	/DAY	12.6337	$821.19
PER DIEM HOTEL	$70.00	/DAY	19.097	$1,336.79
PER DIEM MEALS	$39.00	/DAY	19	$741.00
AIRFARE	$1.00	/UNIT	0	$0.00
GAS	$50.00	/TANK	12	$600.00
TOLLS	$10.00	/EA	22.981	$229.81
Total Travel Costs				$6,303.53

Schedule 2.11 (d) 1

Equipment Purchased Under the Contract

Item	Est. Purchase Price ($)	O&M Rate* ($/month)	Term of Usage (Months)	Est. Usage Cost($) (Col 2 + [3 x 4])
			TOTAL:	$0.00

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

Work Assignment #D004440-1A.1

Schedule 2.11(d) 2

Maximum Reimbursement Rates For Consultant Owned Equipment

Item	Purchase Price x 85%	Usage Rate ($/Day)	Capital Recovery** Rate ($/Day)	O & M Rate ($/Unit of Time)	Est. Usage Days	Est. Usage Cost ($) (Col. 3 x 6)

TOTAL: $0.00

* Usage Rate = Capital Recovery Rate + O&M Rate.
* The maximum usage rate for an item of equipment reverts to the O&M rate when the total capital recovery reimbursement rate exceed 85% of the purchase price.
** The Capital Recovery Rate is the equipment's depreciation for the useful life of the item.

Work Assignment #D004440-1A.1

Schedule 2.11(d) 3

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement Rate ($)*	Units	Est. Usage (Unit of Time)	Est. Rental Cost ($) (Col. 2 x 3)
Data Logger (day)	$15.00	/DAY	4.00	$60
PID (week)	$150.00	/WEEK	3.00	$450
Water level meter (day)	$15.00	/DAY	3.00	$45

TOTAL: $555.00

Schedule 2.11(d) 4

Site-Dedicated Equipment

Item	Estimated Quantity	Units	Unit Cost ($)	Total Budgeted Cost (Col. 2 x 3) ($)

TOTAL: $0.00

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Units	Unit Costs ($)	Total Budgeted Cost (Col. 2 x 3) ($)
Fed-Ex (shipping reports/correspondenc	23.264	/EA	$25.00	$582
Fed-Ex (shipping coolers)	3.4345	/EA	$100.00	$343
Low Value Equipment (manhour)	197	/MANHOUR	$0.80	$158
Misc. Supplies (each/w receipt)	5.1145	/EA	$100.00	$511
Level D PPE (manday)		/MANDAY	$13.00	
			TOTAL:	$1,594.10

Schedule 2.11 (e)

Cost-Plus-Fixed-Fee Subcontract
Work Assignment #D004440-1A.1

Name of Subcontractor	Service to be Performed	Subcontract Price

A) Direct Salary Costs

Professional Responsibility Level	Labor Classification	Ave. Reimbursement Rate ($/Hr.)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)

Total Direct Salary Costs _____

Footnotes:

1)

2) Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum for each labor catagory.

3) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.

4) Only those labor classifications indicated with an asterisk will be entitled to overtime premium.

5) Reimbursement for technical time of principals, owners, and officers will be limited to the maximum reimbursement rate of that labor catagory, the actual hourly labor rate paid, or the State M-6 rate, whichever is lower.

6) The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the Department and the Comptroller.

7) This footnote applies to Schedules for year 4 thru 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates wil be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

B) Indirect Costs

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

Amount budgeted for indirect costs is: _____

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost

Total Direct Non-Salary Costs _____

D) Fixed Fee

The Fixed fee is: % _____

See Schedule 2.10(h) for how the fixed fee should be claimed.

Schedule 2.11(f) (1 of 4)

Unit Price Subcontracts
Work Assignment #D004440-1A.1

A. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Queen City Imaging (WBE)	Copying/Binding	$4,193	$210

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Copying/Binding	$250.00 /Each	16.772	$4,193

Subtotal Subcontract Price	$4,193
Subcontract Management Fee	$210
TOTAL	$4,403

B. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Mitkem Corporation (MBE)	Analytical Services	$7,307	$365

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Soil Sample Analysis			
TCL SVOCs by 8270C	$149.00 /Each	3	$447
Dioxins/Furans by 8290	$800.00 /Each	3	$2,400
RCRA Metals by 6010B/7471A	$48.00 /Each	3	$144
Full TCLP	$575.00 /Each	2	$1,150
RCRA Characteristics	$105.00 /Each	4	$420
GW Sample Analysis			
TCL VOCs by 8260B	$69.00 /Each	4	$276
TCL SVOCs by 8270C	$149.00 /Each	3	$447
Dioxins/Furans by 8290	$799.00 /Each	1	$799
TAL Metals by ILM04.1	$89.00 /Each	3	$267
TDS/TSS	$30.00 /Each	3	$90
Pest/PCBs by 8081A/8082	$129.00 /Each	3	$387
Oil & Grease 413.1	$65.00 /Each	3	$195
RCRA Charateristics	$95.00 /Each	3	$285

Subtotal Subcontract Price	$7,307
Subcontract Management Fee	$365
TOTAL	$7,672

Schedule 2.11(f) (2 of 4)

Unit Price Subcontracts
Work Assignment #D004440-1A.1

C. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Joanne Darcy Crum (WBE)	Survey	$3,150	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Survey	$3,150.00 /Lump Sum	1	$3,150

Subtotal Subcontract Price	$3,150
Subcontract Management Fee	
TOTAL	$3,150

D. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
American Auger (WBE)	Test Trenching	$2,700	$135

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob/Demob	$1,750.00 /Lump Sum	1	$1,750
Plastic Sheeting	$150.00 /Day	1	$150
Backhoe w/ operator	$100.00 /hour	3	$300
Steam Cleaner	$150.00 /day	1	$150
Decon Pad	$350.00 /each	1	$350
DOT 55 gal Drums	$38.00 /each		

Subtotal Subcontract Price	$2,700
Subcontract Management Fee	$135
TOTAL	$2,835

Schedule 2.11(f) (3 of 4)

Unit Price Subcontracts
Work Assignment #D004440-1A.1

E. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Hampton-Clarke, Inc. (WBE)	IDW Disposal		

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
IDW Disposal			
Transportation	$575.00 /lump sum		
Plastic Sheeting/PPE Drum	$75.00 /drum		
Decon Water Drum	$340.00 /drum		

Subtotal Subcontract Price	
Subcontract Management Fee	
TOTAL	

F. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
EMSL	Asbestos Analysis	$83	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Asbestos Analysis	$83.00 /each	1	$83

Subtotal Subcontract Price	$83
Subcontract Management Fee	
TOTAL	$83

Schedule 2.11(f) (4 of 4)

Unit Price Subcontracts
Work Assignment #D004440-1A.1

G. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Sienna (M/WBE) 2008	2008 Documentaion Monitoring	$3,746	$187

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Documentation Monitoring	$2,618.00 Each	1	$2,618
Additional Costs	$1,128.00 /Each	1	$1,128
Subtotal Subcontract Price			$3,746
Subcontract Management Fee			$187
TOTAL			$3,933

H. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Subtotal Subcontract Price			
Subcontract Management Fee			
TOTAL			

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
All Tasks
Complete %

Date Prepared 07/24/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$64,059	$64,059
2. Indirect Costs (125.9%)							$80,650	$80,650
3. Subtotal Direct Salary Costs and Indirect Costs							$144,709	$144,709
4. Travel							$6,304	$6,304
5. Other Non-Salary Costs							$2,149	$2,149
6. Subtotal Direct Non-Salary Costs							$8,453	$8,453
7. Subcontractors							$22,076	$22,076
8. Total WA Cost							$175,238	$175,238
9. Fixed Fee							$17,365	$17,365
10. Total Work Price							$192,603	$192,603

Project Manager (Engineer) _____ DATE: _____

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
All Tasks
Complete %

Date Prepared 07/24/08
Billing Period
Invoice No.

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontract

Subcontract Name	A Subcontract Cost Claimed this Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs to Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Cost to Date (C plus F)
1 Queen City Imaging (WBE)				$4,193	$210		
2 Mitkem Corporation (MBE)				$7,307	$365		
3 Joanne Darcy Crum (WBE)				$3,150			
4 American Auger (WBE)				$2,700	$135		
5 Hampton-Clarke, Inc. (WBE)							
6 EMSL				$83			
7 Sienna (M/WBE) 2008				$3,746	$187		
TOTALS				$21,179	$897		

Project Manager (Engineer) _____ DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
Task 1 - Work Plan Development (2006 rate)
Complete %

Date Prepared 07/24/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$4,824	$4,824
2. Indirect Costs (125.9%)							$6,074	$6,074
3. Subtotal Direct Salary Costs and Indirect Costs							$10,898	$10,898
4. Travel							$218	$218
5. Other Non-Salary Costs								
6. Subtotal Direct Non-Salary Costs							$218	$218
7. Subcontractors								
8. Total WA Cost							$11,116	$11,116
9. Fixed Fee							$1,308	$1,308
10. Total Work Price							$12,424	$12,424

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
Task 2 - Remedial Alternative Cost Estimate (2006 rate)
Complete %

Date Prepared 07/24/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$3,658	$3,658
2. Indirect Costs (125.9%)							$4,605	$4,605
3. Subtotal Direct Salary Costs and Indirect Costs							$8,263	$8,263
4. Travel								
5. Other Non-Salary Costs								
6. Subtotal Direct Non-Salary Costs								
7. Subcontractors							$100	$100
8. Total WA Cost							$8,362	$8,362
9. Fixed Fee							$992	$992
10. Total Work Price							$9,354	$9,354

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
Task 3 - Pre-Design Field Activities (2006 rate)
Complete %

Date Prepared 07/24/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$7,254	$7,254
2. Indirect Costs (125.9%)							$9,133	$9,133
3. Subtotal Direct Salary Costs and Indirect Costs							$16,387	$16,387
4. Travel							$292	$292
5. Other Non-Salary Costs							$710	$710
6. Subtotal Direct Non-Salary Costs							$1,002	$1,002
7. Subcontractors							$14,096	$14,096
8. Total WA Cost							$31,485	$31,485
9. Fixed Fee							$1,966	$1,966
10. Total Work Price							$33,451	$33,451

Project Manager (Engineer) _____ DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
Task 4 - Plans and Specifications (2006 rate)
Complete %

Date Prepared 07/24/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$18,832	$18,832
2. Indirect Costs (125.9%)							$23,709	$23,709
3. Subtotal Direct Salary Costs and Indirect Costs							$42,541	$42,541
4. Travel								
5. Other Non-Salary Costs							$332	$332
6. Subtotal Direct Non-Salary Costs							$332	$332
7. Subcontractors							$3,556	$3,556
8. Total WA Cost							$46,429	$46,429
9. Fixed Fee							$5,105	$5,105
10. Total Work Price							$51,534	$51,534

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
Task 5 - Pre-Award Services (2006 rate)
Complete %

Page_7 of _8
Date Prepared 07/24/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$5,443	$5,443
2. Indirect Costs (125.9%)							$6,853	$6,853
3. Subtotal Direct Salary Costs and Indirect Costs							$12,295	$12,295
4. Travel							$441	$441
5. Other Non-Salary Costs							$75	$75
6. Subtotal Direct Non-Salary Costs							$516	$516
7. Subcontractors							$391	$391
8. Total WA Cost							$13,202	$13,202
9. Fixed Fee							$1,475	$1,475
10. Total Work Price							$14,677	$14,677

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1
Task 6 - Construction Phase Services (2008 Rate)
Complete %

Date Prepared 07/24/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$24,048	$24,048
2. Indirect Costs (125.9%)							$30,277	$30,277
3. Subtotal Direct Salary Costs and Indirect Costs							$54,325	$54,325
4. Travel							$5,353	$5,353
5. Other Non-Salary Costs							$1,033	$1,033
6. Subtotal Direct Non-Salary Costs							$6,386	$6,386
7. Subcontractors							$3,933	$3,933
8. Total WA Cost							$64,644	$64,644
9. Fixed Fee							$6,519	$6,519
10. Total Work Price							$71,163	$71,163

Project Manager (Engineer) _____ DATE: _____

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

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A.1

Date Prepared 07/24/08
Billing Period
Invoice No.

NSPE Labor Classification	IX EXP / EST*	VIII EXP / EST	VII EXP / EST	VI EXP / EST	V EXP / EST	IV EXP / EST	III EXP / EST	II EXP / EST	I EXP / EST	ADMIN EXP / EST	Total No. of Direct EXP / EST
Task 1 - Work Plan Development (2006 rate)	/ 2	/ 6	/ 30	/	/ 70	/	/ 16	/ 11	/	/ 4	/ 139
Task 2 - Remedial Alternative Cost Estimate (2006 rate)	/	/ 4	/ 29	/	/ 49	/	/ 16	/	/	/ 7	/ 105
Task 3 - Pre-Design Field Activities (2006 rate)	/	/ 4	/ 30	/ 8	/ 101	/ 30	/ 31	/ 15	/ 4	/ 1	/ 224
Task 4 - Plans and Specifications (2006 rate)	/ 3	/ 13	/ 92	/ 98	/ 100	/ 87	/ 101	/ 52	/ 10	/ 32	/ 588
Task 5 - Pre-Award Services (2006 rate)	/ 1	/ 6	/ 58	/ 30	/ 32	/	/	/	/ 4	/ 4	/ 135
Task 6 - Construction Phase Services (2008 Rate)	/ 1	/ 8	/ 120	/ 80	/ 65	/ 310	/ 41	/ 45	/ 42	/ 30	/ 742
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
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	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
TOTAL HOURS:	/ 7	/ 41	/ 359	/ 216	/ 417	/ 427	/ 205	/ 123	/ 60	/ 78	/ 1933

*Expended/Estimated

Schedule 2.11(i)

Monthly Cost Control Report
Equipment Inventory Control Form *

Engineer **Contract No.** D004440

1) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

2) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

3) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

4) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

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

APPENDIX B

MINORITY AND WOMEN OWNED BUSINESS UTILIZATION PLAN

SECTION I - MBE INFORMATION: IN ORDER TO ACIEVE THE MBE GOALS, NEW YORK STATE CERTIFIED MINORITY-OWNED FIRMS ARE EXPECTED TO PARTICIPATE IN THE FOLLOWING MANNER

MBE FIRM INFORMATION	DESCRIPTION OF WORK MBE	PROJECTED MBE CONTRACT AMOUNT AND AWARD DATE	CONTRACT SCHEDULE AND START DATE	CONTRACT PAYMENT SCHEDULE	PROJECT COMPLETION DATE
NAME: Mitkem Corporation ADDRESS: 175 Metro Center Blvd. CITY: Warrick STATE/ZIP CODE: Rhode Island 02886 TELEPHONE No.: 401-734-3400	Analytical Services	$7,307.00 DATE:			
NAME: Sienna Environmental Technologies, LLC. ADDRESS: 429 Franklin Street CITY: Buffalo STATE/ZIP CODE: NY 14202 TELEPHONE No.: 716-332-3134	Documentation Monitoring	$3,746.00 DATE: July-08			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		DATE:			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		DATE:			

SECTION II - WBE INFORMATION: IN ORDER TO ACHIEVE THE MBE GOALS, NEW YORK STATE CERTIFIED WOMAN-OWNED FIRMS ARE EXPECTED TO PARTICIPATE IN THE FOLLOWING MANNER.

WBE FIRM INFORMATION	DESCRIPTION OF WORK WBE	PROJECTED WBE CONTRACT AMOUNT AND AWARD DATE	CONTRACT SCHEDULE AND START DATE	CONTRACT PAYMENT SCHEDULE	PROJECT COMPLETION DATE
NAME: Queen City Imaging ADDRESS: 3100 Main Street CITY: Buffalo STATE/ZIP CODE: New York 14214 TELEPHONE No.: 716-832-8100	Copy/ Reproduction	$4,193.00 DATE:			
NAME: American Auger ADDRESS: 453 County Route 23 CITY: Constantia STATE/ZIP CODE: NY 13044 TELEPHONE No.: 315.623.7496	Excavation Services	$2,700.00 DATE:			
NAME: Joanne Darcy Crumm ADDRESS: 479 W. Main Street CITY: Cobleskill STATE/ZIP CODE: NY 12043 TELEPHONE No.: 518-234-4650	Professional Land Surveyor	$3,150.00 DATE:			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		DATE:			

TABLE III
CONSULTANT/CONTRACTOR DETAILED MBE/WBE AND EEO UTILIZATION PLAN
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONSULTANT/CONTRACTOR NAME:	URS Corporation		
CONTRACT TYPE/NUMBER:	D004440 WA 01A.1	CONTRACT AWARD DATE:	11/3/2005
ADDRESS: 77 Goodell Street	CITY: Buffalo	STATE: NY	ZIP CODE: 14203
PROJECT OWNER NAME:	New York State Department of Enviornmental Conservation	PROJECT/GRANT No.:	
ADDRESS: 625 Broadway	CITY: Albany	STATE: NY	ZIP CODE: 12233
AUTHORIZED REPRESENTATIVE:	Charles E. Dusel, Jr.	TITLE:	Project Manager
AUTHORIZED SIGNATURE:			
CONTRACT DESCRIPTION:	Camp Pharsalia Remedial Design		

EEO AND MBE/WBE CONTRACT SUMMARY

	%	AMOUNT		%	AMOUNT
1. TOTAL DOLLAR VALUE OF THE PRIME CONTRACT	100%	$192,603.00			
2. STATE SHARE AMOUNT	100%	$192,603.00			
3. MBE GOAL/AMOUNT	15%	$28,890.45	6. BUDGETED MBE	5.74%	$11,053.00
4. WBE GOAL/AMOUNT	5%	$9,630.15	7. BUDGETED WBE	5.21%	$10,043.00
5. MBE/WBE COMBINED TOTALS	20%	$38,520.60	8. MBE/WBE COMBINED TOTALS	10.95%	$21,096.00

BUREAU OF MINORITY & WOMEN'S BUSINESS PROGRAMS USE ONLY

PROPOSED GOALS		DATE APPROVED	DATE DISAPPROVED	INITIALS
MBE(%)	EEO-MINORITIES (%)			
WBE(%)	EEO-MINORITIES (%)			

SECTION III - EEO INFORMATION

In order to achieve the EEO Goals, Minorities and Females are expected to be employed in the following job categories for the specified amount of work hours.

		All Employees		Minority Employees			
Job Categories	**Total Work Hours of Contract**	**Males**	**Females**	**Black**	**Asian**	**Native American**	**Hispanic**
Officials/ Managers	49	49	0	0	0	0	0
Professionals	535	495	40	0	40	0	0
Technicians	88	40	48	0	0	0	0
Sales Workers	0	0	0	0	0	0	0
Office/Clerical	70	0	70	40	0	0	0
Craftsmen	0	0	0	0	0	0	0
Laborers	0	0	0	0	0	0	0
Service/ Workers	0	0	0	0	0	0	0
TOTALS	742	584	158	40	40	0	0

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 (UCQ). For subconsultants in excess (or anticipated to be) of $100,000 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.

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

C Dun 7/7/08

Signature of Contractor's Authorized Representative — Date

URS Corporation – New York — WA No. D004440-2A.1 and -1A.1

Contractor Name — Contract No. WA No.

Sienna Environmental Technologies, LLC

Subcontractor Name

Cost Review for Work Plan or Amendment

Contractor Name: URS Corporation
WA # and Name: WA D004440-1A.1, Camp Pharsalia

Date:
Reviewer:

	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.	**Schedule 2.11(b) - Direct Labor**			
	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.	**Schedule 2.11(b-1) - Direct Administrative Labor Hours**			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	X		
3.	**Schedules 2.11(c) and (d) - Direct Non-Salary Costs**			
	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).			NA
	Schedule 2.11(d)4 - Includes equipment to be used only on this WA (such as a blower purchased to upgrade SVE system).			NA

	Schedule 2.11(c) and (d) - Continued	Yes	No	Comments
	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.	**Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts**			
	Proposed subconsultant is on standby or has DEC-approved rates with another standby consultant. Otherwise, financial information required for cost analysis must be submitted.			NA
	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).	X		
	Subcontractor has justified/obtained adequate quotes for any further subcontracted work.			NA
	Subcontractor certification(s) have been submitted.			NA
5.	**Schedule 2.11(f) - Unit Price Subcontracts**			
	There are quotes for non-standby subcontracts >$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	X		
	Standby Drillers (Two phase process) - Costs from at least 3 standbys (or additional quotes from non-standby drillers) are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected.			NA
	M/WBE - Cost reasonableness of sole/single source M/WBE contracts <$10K are documented by an engineer's estimate.	X		
	Justification 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
	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		
	Standby Labs and Data Validators (rotate use) - Unit cost match unit costs in contract.	X		
	Subcontractor certification(s) have been submitted.	X		
6.	**Schedule 2.11(g) - Cost Control Report**			
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	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	no	

Acceptable?

5% = 9,749.70

	Schedule 2.11(g) - Continued	Yes	No	Comments
	PMWP or amendment development costs are limited to preparing a PMWP or amendment. Additional sub-tasks, if included, have been conceptually approved.	X		
7.	**Schedule 2.11(g) Supplemental - Cost Control Report (subs)**			
	Schedules include all applicable subcontracts and management fees (for unit price only).	X		
8.	**Schedule 2.11(a)**			
	Rates for indirect and fixed fee match contract rates.	X		
	All numbers rolled up into Schedule 2.11(a) add up.	X		
9.	**Additional Cost Information/Comments**			

Rev. 05/27/08

APPROVED

REMEDIAL DESIGN

PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE

WORK ASSIGNMENT D004440-1

CAMP PHARSALIA SITE
PHARSALIA (T)

SITE NO. 7-09-013
CHENANGO (C), NY

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

Denise M. Sheehan, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Corporation
77 Goodell Street
Buffalo, New York 14203

FINAL
May 2006

G3911E

PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE

For:

REMEDIAL DESIGN PROJECT
CAMP PHARSALIA SITE
SITE #7-09-013

TOWN OF PHARSALIA, NEW YORK

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-1

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

FINAL
MAY 2006

CAMP PHARSALIA SITE
PROJECT MANAGEMENT WORK PLAN

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1.0 INTRODUCTION

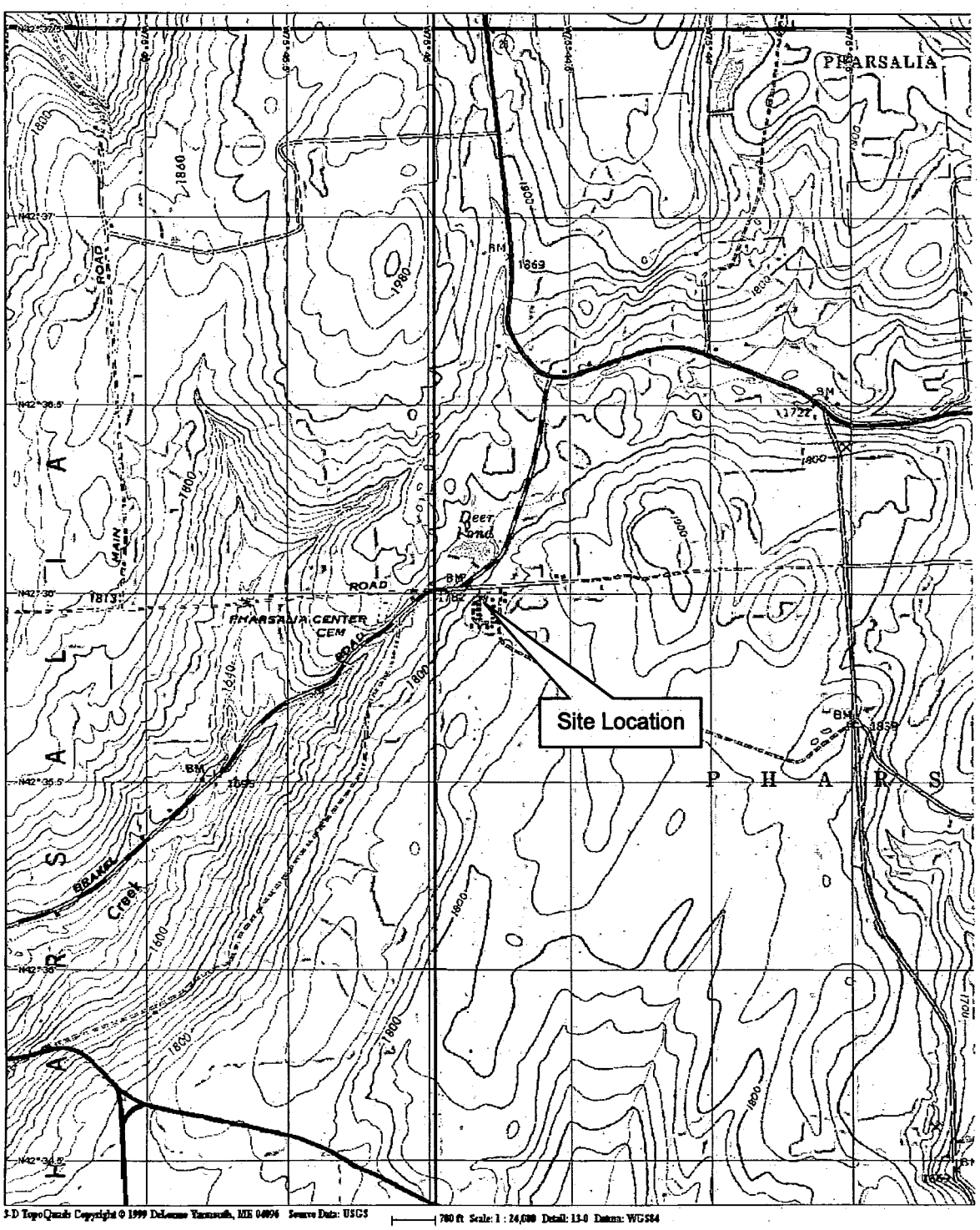
This Project Management Work Plan/Budget Estimate (PMWP) has been prepared to identify the activities and costs for the Camp Pharsalia Remedial Design Project. The project is Work Assignment No. 1 (WA #D004440-1) under URS' Standby Contract with the New York State Department of Environmental Conservation (NYSDEC).

1.1 Site History and Background Information

The site is located within the Camp Pharsalia Incarceration Facility, an active New York State Department of Correctional Services (NYSDCS) facility, located in the Town of Pharsalia, Chenango County (Figure 1). The 25-acre property is owned by the NYSDEC, but operated by NYSDCS. The inactive hazardous waste site occupies approximately 0.25 acres, in the southwest portion of the property. The site consists of a one story wood-framed former wood treatment building and surrounding grassy area (Figure 2). The site is immediately bordered by the correctional facility to the north, an old Civilian Conservation Corps Truck Trail on the east, and state-owned land on the south and west. The surrounding land is rural, and primary uses are residential and agricultural. The nearest private residence is approximately one-quarter mile northeast of the site.

Incarceration facility inmates participate in various work programs. One of the work activities formerly performed by the Camp Pharsalia inmates was a sawmill and wood treatment operation. The treatment plant was constructed for a dip tank process. The plant operated from approximately 1960 to 1977. Seasoned wood poles were staged on the east end of the treatment building. The logs were moved by an overhead hoist into the treatment building and placed in the dip tank. The top of the dip tank was at floor level. Wood was treated using a pentachlorophenol (PCP) solution consisting of approximately one part PCP, to eleven parts fuel oil.

After treatment, the poles would be raised from the dip tank and remain over the tank for approximately four hours. This would allow most of the unabsorbed product to drip back into the dip tank. The poles were then moved to one of the areas designated for the storage of treated posts outside the treatment building. Drums of PCP were reportedly stored on the west side of



AG19354-11174439-032706-GCM

URS

SITE LOCATION MAP
CAMP PHARSALIA

FIGURE 1

APPROVED

REMEDIAL DESIGN

PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE

WORK ASSIGNMENT D004440-1

CAMP PHARSALIA SITE
PHARSALIA (T)

SITE NO. 7-09-013
CHENANGO (C), NY

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

Denise M. Sheehan, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Corporation
77 Goodell Street
Buffalo, New York 14203

FINAL
May 2006

G3911E

PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE

For:

REMEDIAL DESIGN PROJECT
CAMP PHARSALIA SITE
SITE #7-09-013

TOWN OF PHARSALIA, NEW YORK

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D004440-1

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

FINAL
MAY 2006

CAMP PHARSALIA SITE
PROJECT MANAGEMENT WORK PLAN

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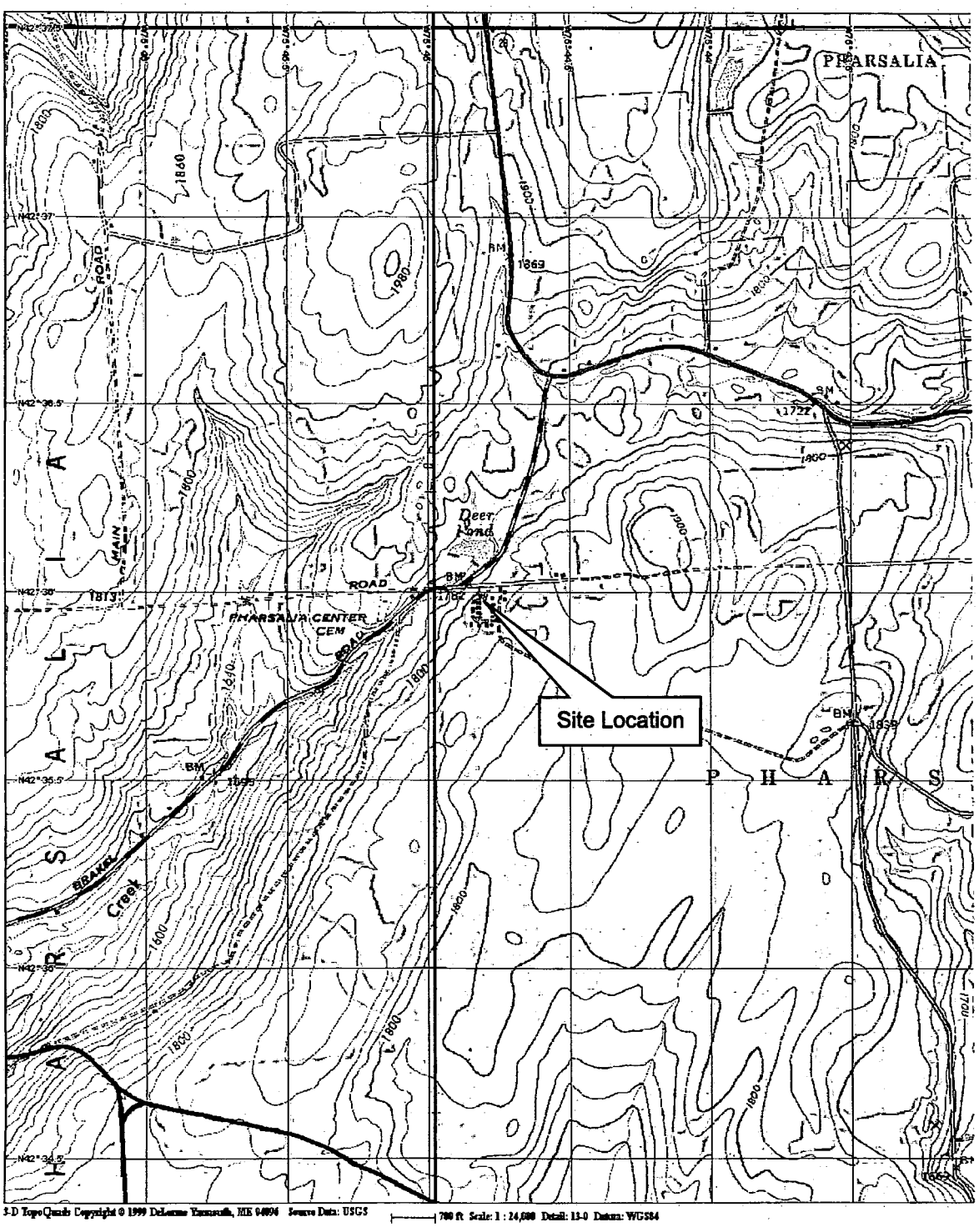


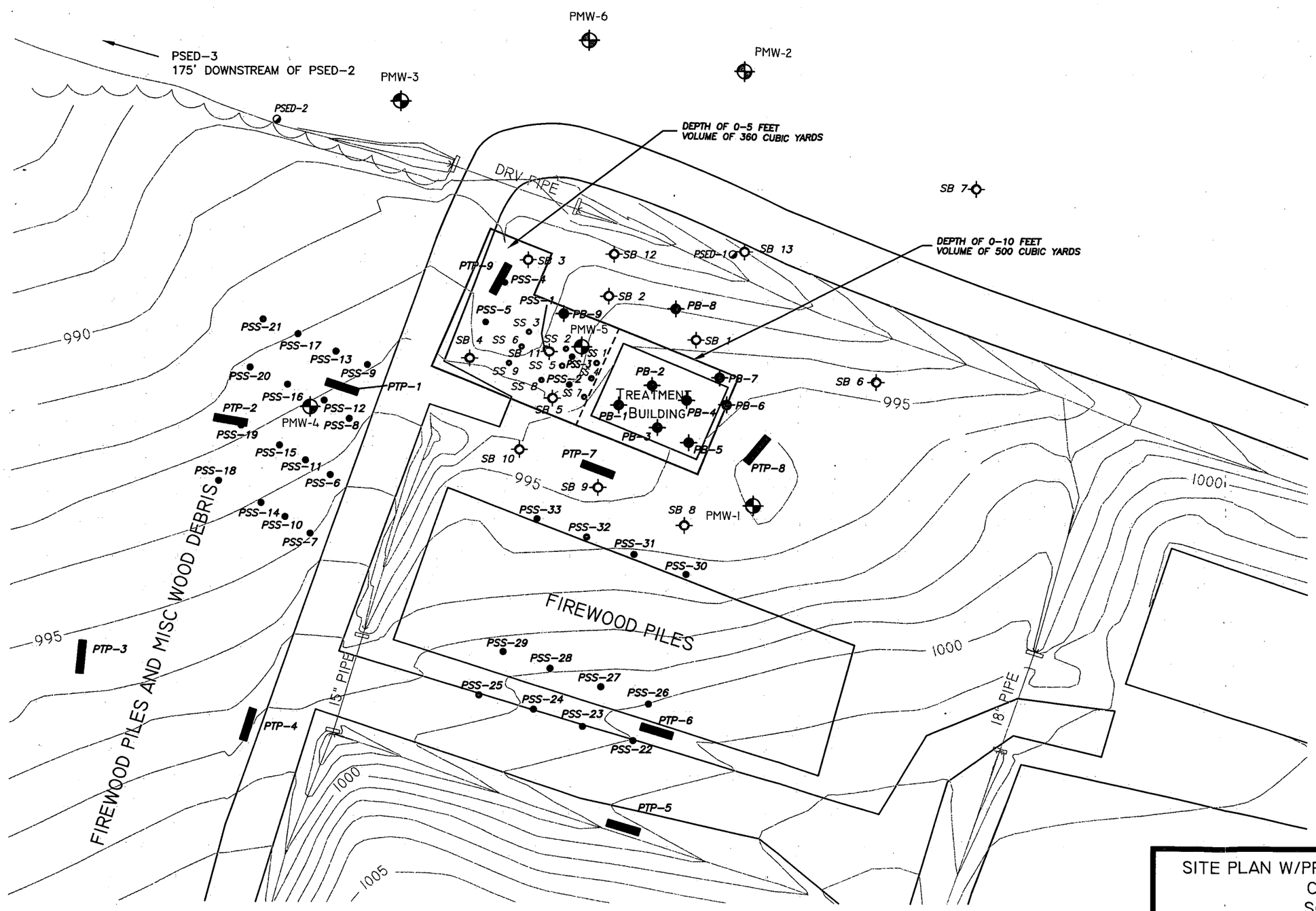
AG19354-11174439-032706-GCM

URS

SITE LOCATION MAP
CAMP PHARSALIA

FIGURE 1

JOBJ:\1117439.00000\CAD\DRAFT\830271B24A.DWG I=I 3/24/06 IRMB



REFERENCE:

BASED ON MAP PREPARED BY MODI ENGINEERS AND LAND SURVEYORS AND SHAW ENVIRONMENTAL AND INFRASTRUCTURE INC. (2003)

LEGEND

- EXISTING MONITORING WELL
- SOIL BORING
- SURFACE SOIL SAMPLE
- HISTORIC SURFACE SOIL SAMPLE
- HISTORIC SEDIMENT SAMPLE
- HISTORIC TEST PIT
- HISTORIC SOIL BORING
- LIMIT OF TREATMENT

APPROXIMATE SCALE

0 30 60 FEET

SITE PLAN W/PREVIOUS SAMPLING LOCATIONS
CAMP PHARSALIA
SOUTH PLYMOUTH
CHENANGO COUNTY, NEW YORK

URS

FIGURE 2

CC-XXXX

the treatment building. The fuel oil used in the treatment process was stored inside the treatment building in tanks.

Remedial History

The Camp Pharsalia site is a NYSDCS facility currently under investigation by the NYSDEC due to former wood treatment operations. It is an active incarceration facility operated by the NYSDCS, and located on property under the jurisdiction of the NYSDEC. The NYSDCS provided the funding for building construction at the Camp and provides for the maintenance and security. The NYSDEC provides the work programs, technical forestry staff to supervise work, and tools and equipment required to carry out the work. The wood treatment program was developed to provide lumber and round poles for NYSDEC construction and maintenance projects. The pole treatment plants, however, are no longer in operation. Wood treatment at Camp Pharsalia was discontinued in 1977.

In October of 1997 the NYSDEC Division of Operations requested that the NYSDEC Division of Environmental Remediation (DER) perform an environmental investigation at Camp Pharsalia.

The DER completed a Preliminary Investigation (PI) at Camp Pharsalia in 1999. The PI consisted of the excavation of 13 test pits, the installation and sampling of 5 monitoring wells and the collection of 33 surface soil, 3 sediment and 25 subsurface soil samples. The investigation found PCP in the soil directly below the treatment building and the area extending to the west of the building. The soil under the building was also tested for dioxin, a common impurity in PCP, which was found to be above cleanup criteria. Based on these findings, in December of 1999, the NYSDEC listed the Camp Pharsalia site on the State's Registry of Inactive Hazardous Waste Disposal Sites. The site was designated a Class 3 site, which is defined as a site which "Does not present a significant threat to the public health or the environment - action may be deferred."

In 2001, the NYSDEC initiated a Remedial Investigation/Feasibility Study (RI/FS) for the Camp Pharsalia site. The RI was developed to build on the information generated during the PI and to help fully delineate the extent of contamination known to exist. The results of the RI

were presented in the document *Remedial Investigation Report for the Camp Pharsalia Site*, dated February 26, 2003. Based on the results of the RI, a *Feasibility Study Report* was prepared in February 26, 2003. The Feasibility Study evaluated numerous remedial options for the Camp Pharsalia site, and determined the selected remedy.

Summary of the Selected Remedy As Presented in the ROD

In March 2003, a Record of Decision (ROD) was issued for the site. As discussed in the FS and ROD, the NYSDEC had selected Containment with Low Permeability Cover System (LPCS) as the remedy for this site. However, NYSDEC wishes to pursue the development of a ROD amendment for excavation with off-site disposal. A public meeting may be held to discuss the proposed amendment. An additional task (Task 2) has been added to this PMWP to assist the Department as needed in an effort to present the revised remedy to the public and amend the ROD.

The primary elements of the revised remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.

2. Demolition and offsite disposal of the former treatment building.

3. Excavation of selective areas consisting of high concentrations of contamination, off-site disposal of these materials.

4. The site will be restored by grading to insure proper drainage, placement of additional topsoil as necessary, and seeding.

5. To address the identified groundwater contamination, monitoring program will be instituted for five years. Depending on the results, further groundwater monitoring would continue either annually or biannually for an additional 25

years. Institutional controls would remain in effect to limit site access and usage.

6. Institutional controls will be imposed in the form of existing use and development restrictions preventing the use of overburden groundwater as a source of potable or process water without necessary water quality treatment as determined by the Chenango County Department of Health Services.

2.0 SCOPE OF WORK

The scope of work contained in WA D004440-1 dated November 28, 2005, included tasks for work plan preparation, pre-design investigation activities, preparation of plans and specifications, and for pre-award services. However, since the time that the work assignment was issued, another task not previously envisioned has been identified. This new task is for assisting the Department in estimating costs for an alternate remedy in support of a ROD amendment. The five tasks to be completed are discussed in more detail in the following subsections.

2.1 Task 1 – Work Plan Development

2.1.1 Subtask 1.1 – Background Review and Site Visit

URS has reviewed the following reports to gain a thorough understanding of site conditions and the components of the selected remedy.

1. Record of Decision, March 2003
2. Proposed Remedial Action Plan, February 2003.
3. Final Remedial Investigation Report (RI), February 26, 2003.
4. Final Feasibility Study (FS), February 26, 2003.
5. Remedial Investigation/Feasibility Study (RI/FS) Work Plan, October 2001.
6. Preliminary Investigation Report, August 1999.
7. Preliminary Site Assessment Work Plan, May 1998.

This subtask includes a site visit that was conducted on January 10, 2006. URS personnel attending the site visit were Chuck Dusel (Project Manager), Colin Wasteneys (Project Coordinator), and Core Stacey (Civil Engineer). Attending the meeting for the NYSDEC were Kevin Sarnowicz (Project Manager), Jim Quinn (Section Chief), and Richard Chapin (Division of Operations).

2.1.2 Subtask 1.2 – Scoping Session and Work Plan Preparation

Immediately following the site visit, a scoping session was held at the Camp Georgetown Division of Operations garage. The purpose of the meeting was to discuss the components of the work assignment and any necessary changes to it. The possible alternative remedy of contaminated soil excavation and offsite disposal was discussed. In addition, several pre-design investigation tasks were discussed including evaluation of construction dewatering and treatment, additional contaminated soil delineation, and surveying.

Subsequent to the site visit and scoping session, NYSDEC requested in an email dated January 12, 2006, that URS halt work on the design and assist in preparing cost estimates of performing excavation and offsite disposal instead of the selected remedy presented in the ROD. Based on preliminary cost estimates for the two remedies, the NYSDEC has decided to advise development of a Proposed Remedial Action Plan which could support a ROD amendment to change the selected remedy from containment with LPCS to excavation and off-site disposal.

On March 16, 2006, URS submitted a memorandum to the NYSDEC summarizing a teleconference held the previous day. A copy of the memorandum is attached as Appendix A. The memo presents the revised approach for preparing the PMWP by adding a task to provide a more detailed up-to-date cost estimate in support of the change in selected remedy. The memo further documents the agreement between URS and the NYSDEC to proceed with preparation of this work plan for the design of the revised scope of work including offsite disposal of all contaminated soil.

URS will submit five copies of the draft PMWP to the NYSDEC Contract Manager. The draft PMWP includes the following:

1. A complete scope of work.

2. A complete budget package including a detailed level of effort and budget for Task 1 and a preliminary estimate of the level and budget for Tasks 2 through 5. A work assignment progress schedule including milestones and deliverables will also be included.

3. A Project Staffing Plan identifying key management and technical staff to be assigned to conduct the work elements including resumes and a listing of their areas of specialization and project responsibilities.

4. A MBE/WBE and equal employment opportunity (EEO) Utilization Plan, including identification of work items to be subcontracted

A Draft Field Sampling Plan (FSP) that presents detailed step-by-step procedures for the field activities outlined in the Project Management Work Plan will be submitted under separate cover. It will serve as the field procedures manual to be strictly followed by all URS field personnel. The FSP will also include a site-specific Quality Assurance Project Plan (QAPP) including a requirement for a Data Usability Summary Report (DUSR) for select groundwater and soil samples collected during pre-design activities. A site-specific Health and Safety Plan (HASP) will be submitted under separate cover.

Within three weeks of the NYSDEC's review of the draft PMWP, URS will submit a final PMWP. The final budget will include all subcontractor fees supported by quotes.

Budgetary Assumptions:

- One round of comments will be provided by the NYSDEC on the draft version of the PMWP/budget estimate, the FSP, the QAPP, and the HASP. URS will resolve all comments with the NYSDEC and issue Final version of each plan.

Deliverables:

- Five copies of the Draft version of the PMWP, and seven copies of the Final version.
- Two copies of draft FSP, QAPP, and HASP and three final copies.

2.2 Task 2 – Remedial Alternative Cost Estimate

As discussed above, URS will prepare cost estimates for the selected remedy as well as the newly proposed remedy. Costs estimates will be prepared for the remedy selected in the ROD of containment with a low permeability cover system. Costs for this remedy will be updated from the previous estimate prepared as part of the Feasibility Study (FS) prepared by Shaw in 2003. In addition to the tasks included in the original evaluation, URS will include costs for additional characterization to delineate grossly contaminated material and disposing of grossly contaminated material offsite. URS will also reevaluate costs for excavation and off-site disposal of all contaminated soil. Updated costs for transportation and disposal will be used in this evaluation. The cost estimates for these two remedial options will be presented in a format similar to that used in the FS.

This task also includes providing ongoing support, as needed, for ROD amendment activities including preparation for public meetings.

2.3 Task 3 - Pre-Design Field Activities

After work plan approval and issuance of the NTP for Tasks 3 through 5, URS will start field activities including evaluation of construction and dewatering treatment by performing hydraulic conductivity testing and by collecting groundwater samples for laboratory analysis of treatment/disposal parameters. Test trenching and soil sampling will be performed within the areas of concern to characterize soil for off-site disposal. In addition, URS will oversee the surveying of the newly completed pre-design investigation locations. It was determined during the site visit that an asbestos and lead paint survey, included in the work assignment scope, are not necessary due to the absence of insulation, paint, or other suspect materials.

URS will provide on-site field oversight of subcontractors, prepare daily field logs, evaluate data and prepare a pre-design investigation report (PDIR) that describes the findings, conclusions and recommendations. URS will evaluate this new information in conjunction with existing site data to determine if any additional data is required to support design of the remedy.

URS will ensure that the analytical laboratory has and maintains NYSDOH ELAP certification in all categories of CLP and Solid and Hazardous Waste analytical testing for the duration of the project. Data submittals shall include "Category B" deliverables and Data Usability Summary Report on the selected data as identified in the approved work plan.

2.3.1 Subtask 3.1 - Sampling and Analysis

3.1.A Waste Characterization of Soil

To evaluate soil contaminant concentrations for waste characterization, soil samples from test trenches completed within the limit of treatment (Figure 2) will be analyzed for waste profiling parameters. Test trenches will be excavated to the approximate depth of groundwater (estimated to be between 3 to 6 feet bgs) or the maximum depth of anticipated AOC excavation which ever is shallower. One soil sample will be collected from each test trench. The soil analytical results will be compared to federal LDR treatment standards as well as RCRA TCLP criteria for waste profiling purposes. In addition, the results will be forwarded to potential disposal facilities to determine the need for pretreatment.

Budget Assumptions:

- Approximately three test trenches will be completed within the AOC (assume 1 day).
- One soil sample will be collected from each test trench for soil waste characterization.
- Parameters analyzed will include totals analyses for compounds listed under LDR treatment standards for F032 waste (SVOCs, Metals, Dioxins/Furans) as well as full RCRA TCLP characterization.
- Laboratory results shall comply with New York State Analytical Services Protocol (ASP), June 2000, Category B Deliverables.

3.1.B Waste Characterization of Groundwater

Groundwater from test trenches completed in the AOCs will be sampled and analyzed for waste profiling parameters. A portion of each excavation will be excavated to a depth of 1 to 2 feet below the water table to allow for accumulation and sampling of groundwater. The results will be used primarily to design water treatment processes. The results will also be used to evaluate the feasibility of off-site disposal of groundwater extracted during excavation. Samples will be collected from test trenches installed under Subtask 3.1.A.

Budget Assumptions:

- One groundwater sample will be collected from each of the three test trenches. The water samples will be analyzed for VOCs, SVOCs, metals, Dioxins/Furans, PCBs, pesticides, TDS, TSS, oil and grease, pH, Reactivity, and Ignitability.
- Standard turn-around-time [i.e., thirty days] for all analytical results.

Deliverables

- Laboratory results shall comply with New York State Analytical Services Protocol (ASP), June 2000, Category A Deliverables.
- Laboratory batch QC will be provided.

3.1.D Construction Dewatering

In order to estimate the volume of water from dewatering excavations, URS will perform hydraulic conductivity testing by the slug test method on two existing monitoring wells. Slug testing will be performed on wells located near the limit of treatment (i.e., PMW-1 and PMW-5) (Figure 2).

Budget Assumptions:

- The monitoring wells do not require redevelopment prior to slug testing.

- One slug test will be performed in each monitoring well.
- Slug test results will be presented and discussed in the PDIR to be completed under Subtask 3.3.

3.1.E Investigation Derived Waste (IDW)

All IDW generated during test trenching activities, slug tests, and groundwater sampling activities will be drummed, labeled, and staged in a secure area on site. It is anticipated that only decon water and personal protective equipment (PPE)/plastic sheeting will be generated during these field activities. URS will collect a sample of decon water for waste characterization analysis, and this analytical data will be provided to the disposal contractor. The disposal contractor will prepare waste profiles for the waste streams. IDW will be disposed of at a NYSDEC-approved off-site disposal facility permitted to accept the waste. Once the waste profile is complete, the IDW containers will be properly labeled, and the pickup and transportation will be coordinated.

Budget Assumptions:

- The cost for the transportation and disposal (in Appendix B) has been estimated. The estimated cost assumes two drums (i.e., one water and one PPE) of IDW will require disposal.
- The actual cost of these services will be provided in the final work plan.

Deliverables:

- Waste profiles and a copy of the original manifest(s) signed by the disposal facility as documentation that the IDW was properly disposed.

2.3.2 Subtask 3.2 - Survey

URS will subcontract for additional site surveying, mapping, and location of test trenches and other investigation points developed during the pre-design investigation.

This project has been the subject of past surveying and mapping efforts. Thus the survey performed for this work assignment will be combined with this previous data to develop the contract bid documents.

The surveying and mapping contractor will provide the various information to URS for completion of the URS task(s). The Contractor's work will be completed under the supervision of a New York State-Licensed Land Surveyor (LS). The Contractor will provide the services outlined below.

The Contractor shall provide the required survey data in both AutoCAD (ver. 2000 or later) and ASCII files that will depict work performed for this investigation including three test trenches. New survey work will be referenced to the New York State Plane Coordinate System East Zone and reported in North American Datum of 1983 (NAD 83) and reported in US Survey Feet. All required location points will be referenced vertically to the North American Vertical Datum of 1988 (NAVD88) and reporting in US Survey Feet. Additionally, the preexisting survey control that was established by Modi Engineering will also be referenced to this established survey control. This task will allow for the proper integration of pre-existing information.

Semi-Permanent horizontal and vertical project control will be established at the site for future reference and use in the development of construction drawings and by the remediation contractor. Swing ties will be completed for all survey control.

Budget Assumptions:

- The existing topographic mapping as provided by the Department will be adequate for design.

- Surveying for temporary and long-term easements is not included in this work plan as the on-site consolidation cell is no longer included in the remedy.

Deliverables:

- The revised site survey drawing will be included with the PDIR submitted under Task 3.3, below. The PDIR will also include, as an appendix, copies of tie-sketches and other data as necessary to substantiate and document the coordinate system and control points established.

2.3.3 Subtask 3.3 - Pre-Design Investigation Report (PDIR)

The PDIR will be a report of all data collected in Subtask 3.1. The report will include:

- The measured chemical quality of the soil and the results of waste profiling for disposal purposes.
- The measured chemical quality of the groundwater.
- The results of the hydrogeologic investigation, and the estimate of the volume of groundwater that will require treatment and disposal.
- Copies of tie-sketches and other data as necessary to substantiate and document the coordinate system and control points established.

The PDIR will be provided to the NYSDEC for review and comment. The report will be revised pursuant to these comments and submitted in final form as an attachment to the 50% Preliminary Design.

2.4 Task 4 – Plans and Specifications

URS will prepare complete plans and specifications to be used in competitively bidding the construction of the selected remedy in conformance with New York State and applicable federal laws, rules, regulations, and guidelines. This submittal will include a complete design for

the building demolition and removal, soil excavation, backfilling the excavated area, placement of topsoil, and seed and mulch. URS will utilize the latest version of the Department's standard construction contract clauses and format to prepare contract documents. Included in this task will be the development of minimum requirements for the construction quality assurance/health and safety plans (the plans themselves will be prepared by the construction contractor).

2.4.1 Subtask 4.1 - 50% Preliminary Design

Design Analysis Report

As the design progresses, URS will prepare a Design Analysis Report (DAR) that describes the major elements of the project, the basis of design, supporting data, documentation, design calculations, assumptions, and uncertainties. Corresponding portions of the DAR will be submitted along with each major submittal of the plans and specifications (i.e., 50%, 95%, and final design).

Plans and Specifications

URS will submit to the NYSDEC six copies of preliminary construction plans and specifications when the design is 50% complete. A preliminary list of specifications and drawings is attached in Appendix D. URS will have verified the existing field conditions. Supporting data, documentation, and design calculations will be provided with the design documents defining the functional aspects of the project and how it complies with any applicable regulations (air permit calculations, wastewater discharge requirements, etc.). County deed records (to the extent necessary and currently available) must be searched and reviewed to identify all potentially impacted property owners, and/or those parties with property rights, and an updated tax map will be provided to the NYSDEC. A preliminary listing of all temporary and permanent easements, right of ways, and permits necessary in order to implement the proposed remedial design and associated operation and maintenance will be provided.

Additionally, all non-property permits with which the design must be in substantive compliance (e.g. Article 15, Stream Protection, Air Pollution Permit, etc.) will be identified. The

preliminary design will also demonstrate substantive compliance when necessary. Note this may include a completed permit application(s) with supporting data/information.

A schedule for meeting the critical access and permit requirements to allow bidding the project must be developed in cooperation with the NYSDEC Project Manager, and agreement reached as to who (NYSDEC or the Consultant) will be responsible for obtaining required permits, completing applications and obtaining access agreements. This information will be updated, as appropriate, in subsequent design submissions. Coordination with the NYSDEC Project Manager is important to insure NYSDEC has secured all necessary access agreements, right of ways and permits by the time of design completion and preparation of final bid documents.

2.4.2 Subtask 4.2 – 95% Intermediate Design

At the option of the Department, URS will submit to the NYSDEC three copies of intermediate construction plans and specifications when the design is 95% complete.

2.4.3 Subtask 4.3 - 100% Final Design

Upon completion of the design documents, URS will submit to the NYSDEC for review, seven copies of the final plans, and specifications including an electronic copy of the report in Adobe Acrobat (PDF) format. Prior to this submittal, URS will have thoroughly coordinated and cross-checked the bid form, specifications, and drawings to ensure consistency with the contract documents. Written documents will be provided by the NYSDEC describing the changes required to consider the plans and specifications acceptable for bidding. The Final Design will bear the seal and signature of a professional engineer registered to practice in New York State.

Along with the final design, URS will submit a Limited Site Data Summary Report that will be issued along with the bid documents to bidders for their information. This report will include a summary of the site conditions and analytical data available to help bidders understand the requirements of the project.

After approval of the final design by the NYSDEC, URS will submit Fifty (50) copies of the plans, specifications, and limited Site Data Report.

2.4.4 Subtask 4.4 – Project Cost Estimate

At the final design stage the Engineer shall prepare a pre-bid construction and post construction 5-year monitoring cost estimate for the project. The pre-bid estimate will be supported by quantity take-off sheets and the basis for the development of unit and lump sum prices used in the estimate.

2.5 Task 5 - Pre-Award Services

URS will provide support services to the NYSDEC for the purpose of competitively bidding the site remediation contract.

2.5.1 Subtask 5.1 - Pre-bid Conference and Public Meeting

In conjunction with NYSDEC personnel, URS will conduct a pre-bid conference with prospective bidders. At the pre-bid conference URS will emphasize to the prospective bidders important items of the project, provide a tour of the project site, answer any questions and prepare minutes of the meeting. URS will also prepare any necessary addenda to the plans and specifications for the timely transmittal to prospective bidders. URS will respond to all questions from prospective bidders.

In addition, URS will be present at a public meeting and be prepared to answer any questions raised concnering the design of the project, construction techniques and project scheduling. URS will also prepare meeting minutes for the public meeting.

Budget Assumptions:

- Two URS representatives will attend the prebid conference.
- Prebid meeting and public meeting will be held in one trip.
- A maximum of two addenda will be issued.

Deliverables:

- Two addenda

2.5.2 Subtask 5.2 - Bid Review

URS will conduct a review of all bids received for the purpose of identifying the lowest responsive and responsible bidder. URS will notify the NYSDEC's authorized representative of any informalities and of any unbalanced or non-responsive bids. URS will submit to the NYSDEC a recommendation for award of the construction contract, the basis for the recommendation, a discussion of all significant issues concerning the bids, and an evaluation of bid protest, if necessary. This submittal will be due five working days after bid opening.

URS will also review all plans required by the contract documents that are submitted by the Contractor with the respective bids. This includes, but is not limited to, the Contractor's Work Plan, Health and Safety Plan, QA/QC Plan, Project Schedule and Schedule of Values. The deliverable for this part of Subtask 5.2 will be written comments on the bid package submitted by the apparent low bidder. URS' comments will be provided to the NYSDEC four weeks after bid opening, or two weeks after receipt of the document(s) from the contractor(s), whichever is later.

Budget Assumptions:

- One round of review comments will be provided on up to 6 contractor-submitted plans.
- No hours or costs have been included in this PMWP to participate in re-bidding the contract as a result of a bid protest or challenge.

Deliverables:

- Recommendation for award based on bids received.
- One round of review comments and submittal mark-ups of contractor-submitted plans.

3.0 PROJECT SCHEDULE

Table 3-1 presents the project schedule dates, and deliverable due dates for the remedial design project.

TABLE 3-1

PRELIMINARY PROJECT SCHEDULE WITH DESIGNATED MILESTONES

Project Milestone	Completion Date
Issuance of a Work Assignment (WA)	November 28, 2005
Acknowledge Receipt of WA	December 2, 2005
Site Visit	January 10, 2006
Scoping Session	January 10, 2006
*Submit Draft Project Management Work Plan (PMWP)	April 5, 2006
NYSDEC Review & Comment on Draft PMWP	April 12, 2006
*Submit Final PMWP	May 4, 2006
*Issue Notice to Proceed (NTP) for Tasks 1 and 2	May 12, 2006
*Issue Notice to Proceed (NTP) for Tasks 3 and 5	TBD[1]
**Submit Pre-Design Investigation Report	
NYSDEC Review & Comment on Pre-Design Investigation Report	
*Submit 50% Preliminary Design	
NYSDEC review and comment on Preliminary Design	
*Submittal of 95% Plans & Specifications	
NYSDEC review and comment on 95% Design	
**Submittal of 100% plans & specifications	
Submit 50 copies of Plans & Specifications for bidding	
Bid let	
Pre-Bid Conference	
Bid opening	
Submittal of Bid Evaluation	
Submittal of Summary Letter Report	
* Contract Award	

WA - Work Assignment

NTP - Notice to Proceed

* - Project Milestone

** - Project Milestone requiring Performance Evaluation

1 – Notice to Proceed for Tasks 3 through 5 is dependent on date of ROD Amendment.

4.0 IDENTIFICATION OF AREAS OF WORK REQUIRING SUBCONTRACTING

URS has identified the following tasks and portions of the work assignment that we propose to subcontract:

- Laboratory Analytical
- Photocopy (Reproduction)
- Survey
- Test Pitting
- Investigation Derived Waste Disposal

URS understands the requirements of Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) participation and will make good faith efforts to subcontract at least 15 percent and 5 percent of the total contract price to New York State MBEs and WBEs respectively.

The MBE and WBE Utilization Plan is included as Appendix C of this Project Management Work Plan.

5.0 STAFFING PLAN/KEY PERSONNEL

The proposed management plan and key personnel for this project and the responsibilities of each project position are described below.

- Project Director (D. Hunt, P.E.) is the URS project director responsible for assuring the availability of resources, overall project performance, and representing URS in all contractual matters with NYSDEC.

- Project Manager (C. Dusel, Jr.) will be responsible for technical and financial management of the project, and for overall coordination and review of component work activities. The Project Manager will serve as the initial and primary contact with NYSDEC throughout the project.

- Project Quality Assurance Officer (J. Wilcox, P.E.) will ensure that all project deliverables undergo a thorough QA review by senior staff members who are qualified and experienced in appropriate disciplines.

- Pre-Design Investigation Coordinator (C. Wasteneys, P.G.) will be responsible for coordination of the pre-design investigation work, as well as to provide any support necessary during the preparation of the design. Other staff members will be utilized on an as-needed basis.

- Lead Design Engineer (C. Pawlewski, PE) will be responsible for developing and/or coordinating the design of, and development of the Contract Plans and Specifications for this project. Other staff members will be utilized on an as-needed basis.

- Project Health & Safety and Quality Assurance/Quality Control Coordinators (S. Sherman (CIH) and M. Bitka, respectively) will coordinate the development of the Health & Safety and QA/QC plans, and will provide technical guidance and input to their implementation.

- Field Geologist (TBD) will provide overall supervision and coordination of all field activities. The Field Geologist will be responsible for implementing the URS Health and Safety Plan, and providing logistical support services as necessary.

- Chemist (A.M. Kropovitch) will perform data validation services. The Chemist will be responsible for verifying the data from the off site laboratory meets the requirements outlined in the project Quality Assurance Project Plan (QAPP).

6.0 PROJECT COST

An estimate of the project cost is presented in Appendix B.

APPENDIX A

WORK ASSIGNMENT SCOPE REVISION MEMO TO NYSDEC

URS

Colin Wasteneys/Buffalo/URSCorp
03/16/2006 09:11 AM

To reburger@gw.dec.state.ny.us
cc Chuck Dusel, kpsarnow@gw.dec.state.ny.us, danorvik@gw.dec.state.ny.us
bcc
Subject Camp Georgetown (WA# D004440-2) and Camp Pharsalia (WA# D004440-1) Work Assignments

Ralph,

On Wednesday, March 15, 2006, a teleconference was held to discuss the Camp Georgetown (WA# D004440-2) and Camp Pharsalia (WA# D004440-1) projects. The call participants were Chuck Dusel and Colin Wasteneys of URS and Ralph Burger and Kevin Sarnowicz of the NYSDEC. As you requested during the call, I am sending this email to request an extension of the 90 day notice-to-proceed (NTP) period for the two work assignments. URS received these work assignments on November 28, 2005. The 90 day deadline for NTP on these two work assignments was February 26, 2006.

However, on January 12, 2006, prior to submitting our work plans and cost estimates, the Department requested that URS hold off on further work towards the design of these two projects. This was requested because the Department wanted to evaluate changing the selected remedy for both of these sites. This request was communicated to URS by Kevin Sarnowicz, NYSDEC Project Manager, both verbally and in the email attached below. As a result, URS paused further work on the work plans and cost estimate while we assisted the Department in estimating costs for the alternate remedy. The work assignments are for the design of the selected remedies for both of these sites. At Camp Georgetown, the selected remedy was excavation and on-site consolidation with a multi-layer geomembrane cap. At Camp Pharsalia, the selected remedy was containing the contaminated soil area beneath a low permeability cover system. The anticipated new remedy for both sites is contaminated soil excavation with off-site disposal.

At the end of the teleconference, it was agreed that URS will proceed with completion of the Project Management Work Plans (PMWPs)/2.11s, and that an additional task (Task 2) will be added to address URS assisting the Department in amending the RODs for both the Camp Pharsalia and Camp Georgetown projects. This new task was not envisioned at the time the work assignments were issued by the Department.

It was further discussed that description of the design in the PMWPs for both sites will be based on the revised scope which involves excavation and off-site disposal of contaminated soil. URS anticipates submitting the draft PMWPs and cost estimates for both sites by March 24, 2006.

As discussed in the teleconference, URS anticipates that the Department will issue partial NTPs for the work plan task and the ROD amendment task (Tasks 1 and 2) for both sites. Once the newly revised remedies for both sites have been approved following public comment, then the Department would issue NTPs for the remainder of the work assignment tasks including the pre-design investigation (Task 3), design (Task 4), and the pre-award services (Task 5).

If you have any questions regarding this matter, please feel free to contact Chuck Dusel or me.

Colin Wasteneys, P.G.
Project Geologist
URS Corporation
77 Goodell Street
Buffalo, New York 14203
t: (716) 923-1164
f: (716) 856-2545

should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

----- Forwarded by Colin Wasteneys/Buffalo/URSCorp on 03/15/2006 02:55 PM -----

"Kevin Sarnowicz" <kpsarnow@gw.dec.state.ny.us>
01/12/2006 09:27 AM

To <colin_wasteneys@urscorp.com>
cc
Subject Fwd: Pharsalia

Colin,
I am fowarding you the link to the Pharsalia story. Also as we discussed yesterday I would like you to hold off on the design of the two camp for the moment and first look into a cost analysis of for total removal of approximately 9300 cyd of material from Camp G. Can you call Model city and Stable X (other you think of) for quotes and to see if they want and will take the material. I am going to use the spreadsheet you provided me to work up best case and worst case scenarios to present to my assistant Division Director for Camp P. I believe that I will be given approval to proceed with off site disposal for Camp P.
Thanks,
Kevin

----- Message from "Bradley Brown" <bxbrown@gw.dec.state.ny.us> on Wed, 11 Jan 2006 09:59:50 -0500 -----

To: "James Quinn" <jaquinn@gw.dec.state.ny.us>, "Kevin Sarnowicz" <kpsarnow@gw.dec.state.ny.us>

Subject: Pharsalia

http://www.ny.gov/governor/press/06/0110061.htm

APPENDIX B

PROJECT BUDGET ESTIMATE

SCHEDULE 2.11(a)

Summary of Work Assignment Price
Camp Pharsalia Remedial Design
Work Assignment #D004440-1

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	$48,835
2) Indirect Costs (Schedule 2.10(g))	$61,483
3) Direct Non-Salary Costs (Schedules 2.10(d)(e)(f) and 2.11(c)(d)	$3,998

Subcontract Costs

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

Name of Subcontractor	Services to be Performed	Subcontract Price

4) Total Cost-Plus-Fixed-Fee Subcontracts _____

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

Name of Subcontractor	Services to be Performed	Subcontract Price
A) Queen City Imaging (WBE)	Copying/Binding	$5,913
B) Mitkem Corporation (MBE)	Analytical Services	$9,378
C) Joanne Darcy Crum (WBE)	Survey	$3,900
D) American Auger (WBE)	Test Trenching	$3,276
E) Hampton-Clarke, Inc. (WBE)	IDW Disposal	$990
F)		
G)		
H)		
I)		
J)		
K)		
L)		
M)		
N)		
O)		
P)		
Q)		
R)		
S)		
T)		
U)		
V)		
W)		
X)		
Y)		
Z)		

5) Total Unit Cost Subcontracts	$23,457
6) Subcontract Management Fee	$978
7) Total Subcontract Costs (lines 4 + 5 + 6)	$24,434
8) Fixed Fee (Schedule 2.10(h))	$13,238
9) Total Work Assignment Price (lines 1 + 2 + 3 + 7 + 8)	$151,988

Date Prepared: 05/04/06

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1

Date Prepared: 05/04/06

Schedule 2.11(b)

Direct Labor Hours Budgeted

Labor Classification	*IX*	*VIII*	*VII*	*VI*	*V*	*IV*	*III*	*II*	*I*	*Admin.*	*Total Direct Labor Hrs.*
*Avg. Salary Rate ($) (Year 2006)	$60.46	$57.14	$46.27	$39.36	$33.17	$28.51	$23.66	$20.38	$16.50	$11.92	
*Avg. Salary Rate ($) (Year 2007)											
Task 1 - Task 1 - Work Plan Development (2006 rate)	2	6	34		80		16	12		4	154
Task 2 - Task 2 - Remedial Alternative Cost Estimate (2006 rate)		4	30		68		16			8	126
Task 3 - Task 3 - Pre-Design Field Activities (2006 rate)		4	30	8	106	32	28	16	4		228
Task 4 - Task 4 - Plans and Specifications (2006 rate)	3	13	92	178	184	86	164	54	10	32	816
Task 5 - Task 5 - Pre-Award Services (2006 rate)	1	6	58	30	32				4	4	135
Task 6 -											
Task 7 -											
Task 8 -											
Task 9 -											
Task 10-											
Task 11-											
Task 12-											
Task 13-											
Task 14-											
Task 15-											
Total Hours	6	33	244	216	470	118	224	82	18	48	1459
Total Direct Labor Cost ($)	$363	$1,886	$11,290	$8,502	$15,590	$3,364	$5,301	$1,671	$297	$572	$48,835

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

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1

Date Prepared: 05/04/06

SCHEDULE 2.11(backup)

DIRECT LABOR COSTS BUDGETED

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	TOTALS
Average 2006 Rates	$60.46	$57.14	$46.27	$39.36	$33.17	$28.51	$23.66	$20.38	$16.50	$11.92	
Average 2007 Rates											
Task 1 - Task 1 - Work Plan Development (2006 rate)	$120.92	$342.82	$1,573.15		$2,653.54		$378.62	$244.60		$47.66	$5,361
Task 2 - Task 2 - Remedial Alternative Cost Estimate (2006 rate)		$228.55	$1,388.08		$2,255.51		$378.62			$95.33	$4,346
Task 3 - Task 3 - Pre-Design Field Activities (2006 rate)		$228.55	$1,388.08	$314.90	$3,515.94	$912.18	$662.59	$326.14	$65.98		$7,414
Task 4 - Task 4 - Plans and Specifications (2006 rate)	$181.38	$742.78	$4,256.77	$7,006.59	$6,103.13	$2,451.48	$3,880.87	$1,100.71	$164.96	$381.30	$26,270
Task 5 - Task 5 - Pre-Award Services (2006 rate)	$60.46	$342.82	$2,683.61	$1,180.89	$1,061.41				$65.98	$47.66	$5,443
Task 6 -											
Task 7 -											
Task 8 -											
Task 9 -											
Task 10-											
Task 11-											
Task 12-											
Task 13-											
Task 14-											
Task 15-											
Direct Labor Cost ($)	$362.75	$1,885.52	$11,289.68	$8,502.38	$15,589.52	$3,363.66	$5,300.70	$1,671.46	$296.92	$571.96	$48,835

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1

Date Prepared: 05/04/06

Schedule 2.11(b-1)

Direct Administrative Labor Hours Budgeted

Labor Classification	*IX*	*VIII*	*VII*	*VI*	*V*	*IV*	*III*	*II*	*I*	*Admin*	*Total No. of Direct Labor Hrs.*
Task 1 - Work Plan Development (2006 rate)	1	1	4	4	8						18
Task 2 - Remedial Alternative Cost Estimate (2006 rate)			2	4	8						14
Task 3 - Pre-Design Field Activities (2006 rate)		6	8	8	8					6	36
Task 4 - Plans and Specifications (2006 rate)	1	1	6	3	2						13
Task 5 - Pre-Award Services (2006 rate)		2		2						2	6
Total Hours	2	10	20	21	26					8	87

Contract/Project administrative hours would include but not necessarily be limited to the following activities

1) Work Plan Development
- Conflict of Interest Check
- Develop budget schedules and supporting documentation

2) Review Work Assignment (WA) Progress
- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/MBE Utilization Report

4) CAP Preparation
- Oversee and prepare monthly CAP
- Respond to payment issues/disallowances
- NSPE list updates
- Equipment Inventory

5) Manage subcontracts

6) Implement and manage program management and staffing plans

Contract/Project administrative hour would not include activities such as:

1) QA/QC reviews
2) Technical oversight by management
3) Develop subcontracts
4)Work Plan Development (other than COI and budget preparation)

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1

SCHEDULE 2.11(c)

Direct Non-Salary Costs
Work Assignment #D004440-1

Item	Max Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Estimated Cost $
A) SAMPLE ANALYSIS RATE				
NONE				
B) MISCELLANEOUS				
MILEAGE	$0.45	/MILE	1616	$719.12
CAR RENTAL	$65.00	/DAY	6	$390.00
PER DIEM HOTEL	$60.00	/DAY	14	$840.00
PER DIEM MEALS	$39.00	/DAY	14	$546.00
AIRFARE	$1.00	/UNIT	0	$0.00
GAS	$50.00	/TANK	4	$200.00
TOLLS	$10.00	/EA	10	$100.00
Total Travel Costs				$2,795.12

Schedule 2.11 (d) 1

Equipment Purchased Under the Contract

Item	Est. Purchase Price ($)	O&M Rate* ($/month)	Term of Usage (Months)	Est. Usage Cost($) (Col 2 + [3 x 4])
			1	
			1	
			1	
			1	
			1	
			1	
			1	
			TOTAL:	$0.00

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

Schedule 2.11(d) 2

Maximum Reimbursement Rates For Consultant Owned Equipment

Item	Purchase Price x 85%	Usage Rate ($/Day)	Capital Recovery** Rate ($/Day)	O & M Rate ($/Unit of Time)	Est. Usage Days	Est. Usage Cost ($) (Col. 3 x 6)

TOTAL: $0.00

* Usage Rate = Capital Recovery Rate + O&M Rate.
* The maximum usage rate for an item of equipment reverts to the O&M rate when the total capital recovery reimbursement rate exceed 85% of the purchase price.
** The Capital Recovery Rate is the equipment's depreciation for the useful life of the item.

Schedule 2.11(d) 3

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement Rate ($)*	Units	Est. Usage (Unit of Time)	Est. Rental Cost ($) (Col. 2 x 3)
Data Logger (day)	$15.00	/DAY	2.00	$30
PID (week)	$150.00	/WEEK	1.00	$150
Water level meter (day)	$15.00	/DAY	2.00	$30

TOTAL: $210.00

Schedule 2.11(d) 4

Site-Dedicated Equipment

Item	Estimated Quantity	Units	Unit Cost ($)	Total Budgeted Cost (Col. 2 x 3) ($)

TOTAL: $0.00

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Units	Unit Costs ($)	Total Budgeted Cost (Col. 2 x 3) ($)
Fed-Ex (shipping reports/correspondenc	25	/EA	$25.00	$625
Fed-Ex (shipping coolers)	2	/EA	$100.00	$200
Low Value Equipment (manhour)	20	/MANHOUR	$0.80	$16
Misc. Supplies (each/w receipt)	1	/EA	$100.00	$100
Level D PPE (manday)	4	/MANDAY	$13.00	$52
			TOTAL:	$993.00

Schedule 2.11 (e)

Cost-Plus-Fixed-Fee Subcontract
Work Assignment #D004440-1

Name of Subcontractor **Service to be Performed** **Subcontract Price**

A) Direct Salary Costs

Professional Responsibility Level	Labor Classification	Ave. Reimbursement Rate ($/Hr.)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)

Total Direct Salary Costs _____

Footnotes:

1)

2) Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum for each labor catagory.

3) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.

4) Only those labor classifications indicated with an asterisk will be entitled to overtime premium.

5) Reimbursement for technical time of principals, owners, and officers will be limited to the maximum reimbursement rate of that labor catagory, the actual hourly labor rate paid, or the State M-6 rate, whichever is lower.

6) The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the Department and the Comptroller.

7) This footnote applies to Schedules for year 4 thru 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates wil be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

::

B) Indirect Costs

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

Amount budgeted for indirect costs is: _____

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost

Total Direct Non-Salary Costs _____

D) Fixed Fee

The Fixed fee is: % _____

See Schedule 2.10(h) for how the fixed fee should be claimed.

Schedule 2.11(f) (1 of 3)

Unit Price Subcontracts
Work Assignment #D004440-1

A. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Queen City Imaging (WBE)	Copying/Binding	$5,913	$296

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Copying/Binding	$250.00 /Each	23.65	$5,913

Subtotal Subcontract Price	$5,913
Subcontract Management Fee	$296
TOTAL	$6,208

B. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Mitkem Corporation (MBE)	Analytical Services	$9,378	$469

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Soil Sample Analysis			
TCL SVOCs by 8270C	$149.00 /Each	3	$447
Dioxins/Furans by 8290	$800.00 /Each	3	$2,400
RCRA Metals by 6010B/7471A	$48.00 /Each	3	$144
Full TCLP	$575.00 /Each	3	$1,725
RCRA Characteristics	$105.00 /Each	3	$315
GW Sample Analysis			
TCL VOCs by 8260B	$69.00 /Each	4	$276
TCL SVOCs by 8270C	$149.00 /Each	3	$447
Dioxins/Furans by 8290	$800.00 /Each	3	$2,400
TAL Metals by ILM04.1	$89.00 /Each	3	$267
TDS/TSS	$30.00 /Each	3	$90
Pest/PCBs by 8081A/8082	$129.00 /Each	3	$387
Oil & Grease 413.1	$65.00 /Each	3	$195
RCRA Charateristics	$95.00 /Each	3	$285

Subtotal Subcontract Price	$9,378
Subcontract Management Fee	$469
TOTAL	$9,847

Schedule 2.11(f) (2 of 3)

Unit Price Subcontracts
Work Assignment #D004440-1

C. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Joanne Darcy Crum (WBE)	Survey	$3,900	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Survey	$3,900.00 /Lump Sum	1	$3,900

Subtotal Subcontract Price	$3,900
Subcontract Management Fee	
TOTAL	$3,900

D. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
American Auger (WBE)	Test Trenching	$3,276	$164

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob/Demob	$1,750.00 /Lump Sum	1	$1,750
Plastic Sheeting	$150.00 /Day	1	$150
Backhoe w/ operator	$100.00 /hour	8	$800
Steam Cleaner	$150.00 /day	1	$150
Decon Pad	$350.00 /each	1	$350
DOT 55 gal Drums	$38.00 /each	2	$76

Subtotal Subcontract Price	$3,276
Subcontract Management Fee	$164
TOTAL	$3,440

Schedule 2.11(f) (3 of 3)

Unit Price Subcontracts
Work Assignment #D004440-1

E. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Hampton-Clarke, Inc. (WBE)	IDW Disposal	$990	$50

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
IDW Disposal			
Transportation	$575.00 /lump sum	1	$575
Plastic Sheeting/PPE Drum	$75.00 /drum	1	$75
Decon Water Drum	$340.00 /drum	1	$340

Subtotal Subcontract Price	$990
Subcontract Management Fee	$50
TOTAL	$1,040

F. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost

Subtotal Subcontract Price	
Subcontract Management Fee	
TOTAL	

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1
All Tasks
Complete %

Date Prepared 05/04/06
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$48,835	$48,835
2. Indirect Costs (125.9%)							$61,483	$61,483
3. Subtotal Direct Salary Costs and Indirect Costs							$110,317	$110,317
4. Travel							$2,795	$2,795
5. Other Non-Salary Costs							$1,203	$1,203
6. Subtotal Direct Non-Salary Costs							$3,998	$3,998
7. Subcontractors							$24,434	$24,434
8. Total WA Cost							$138,750	$138,750
9. Fixed Fee							$13,238	$13,238
10. Total Work Price							$151,988	$151,988

Project Manager (Engineer) _____

DATE: _____

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1
All Tasks
Complete %

Date Prepared 05/04/06
Billing Period
Invoice No.

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontract

Subcontract Name	A Subcontract Cost Claimed this Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs to Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Cost to Date (C plus F)
1 Queen City Imaging (WBE)				$5,913	$296		
2 Mitkem Corporation (MBE)				$9,378	$469		
3 Joanne Darcy Crum (WBE)				$3,900			
4 American Auger (WBE)				$3,276	$164		
5 Hampton-Clarke, Inc. (WBE)				$990	$50		
6							
7							
8							
9							
10							
12							
13							
14							
15							
16							
18							
19							
20							
21							
22							
24							
25							
26							
27							
28							
30							
31							
TOTALS				$23,457	$978		

Project Manager (Engineer) _____ DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1
Task 1 - Work Plan Development (2006 rate)
Complete %

Date Prepared 05/04/06
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$5,361	$5,361
2. Indirect Costs (125.9%)							$6,750	$6,750
3. Subtotal Direct Salary Costs and Indirect Costs							$12,111	$12,111
4. Travel							$862	$862
5. Other Non-Salary Costs							$50	$50
6. Subtotal Direct Non-Salary Costs							$912	$912
7. Subcontractors							$209	$209
8. Total WA Cost							$13,232	$13,232
9. Fixed Fee							$1,453	$1,453
10. Total Work Price							$14,685	$14,685

Project Manager (Engineer) _____ DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1
Task 2 - Remedial Alternative Cost Estimate (2006 rate)
Complete %

Page_4 of _7
Date Prepared 05/04/06
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$4,346	$4,346
2. Indirect Costs (125.9%)							$5,472	$5,472
3. Subtotal Direct Salary Costs and Indirect Costs							$9,818	$9,818
4. Travel							$466	$466
5. Other Non-Salary Costs							$50	$50
6. Subtotal Direct Non-Salary Costs							$516	$516
7. Subcontractors								
8. Total WA Cost							$10,334	$10,334
9. Fixed Fee							$1,178	$1,178
10. Total Work Price							$11,512	$11,512

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1
Task 3 - Pre-Design Field Activities (2006 rate)
Complete %

Date Prepared 05/04/06
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$7,414	$7,414
2. Indirect Costs (125.9%)							$9,335	$9,335
3. Subtotal Direct Salary Costs and Indirect Costs							$16,749	$16,749
4. Travel							$1,026	$1,026
5. Other Non-Salary Costs							$578	$578
6. Subtotal Direct Non-Salary Costs							$1,604	$1,604
7. Subcontractors							$18,487	$18,487
8. Total WA Cost							$36,840	$36,840
9. Fixed Fee							$2,010	$2,010
10. Total Work Price							$38,850	$38,850

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1
Task 4 - Plans and Specifications (2006 rate)
Complete %

Date Prepared 05/04/06
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$26,270	$26,270
2. Indirect Costs (125.9%)							$33,074	$33,074
3. Subtotal Direct Salary Costs and Indirect Costs							$59,344	$59,344
4. Travel								
5. Other Non-Salary Costs							$450	$450
6. Subtotal Direct Non-Salary Costs							$450	$450
7. Subcontractors							$5,348	$5,348
8. Total WA Cost							$65,142	$65,142
9. Fixed Fee							$7,121	$7,121
10. Total Work Price							$72,263	$72,263

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1
Task 5 - Pre-Award Services (2006 rate)
Complete %

Date Prepared 05/04/06
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$5,443	$5,443
2. Indirect Costs (125.9%)							$6,853	$6,853
3. Subtotal Direct Salary Costs and Indirect Costs							$12,295	$12,295
4. Travel							$441	$441
5. Other Non-Salary Costs							$75	$75
6. Subtotal Direct Non-Salary Costs							$516	$516
7. Subcontractors							$391	$391
8. Total WA Cost							$13,202	$13,202
9. Fixed Fee							$1,475	$1,475
10. Total Work Price							$14,677	$14,677

Project Manager (Engineer) _____

DATE: _____

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

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1

Date Prepared 05/04/06
Billing Period
Invoice No.

NSPE Labor Classification	IX EXP / EST*	VIII EXP / EST	VII EXP / EST	VI EXP / EST	V EXP / EST	IV EXP / EST	III EXP / EST	II EXP / EST	I EXP / EST	ADMIN EXP / EST	Total No. of Direct EXP / EST
Task 1 - Work Plan Development (2006 rate)	/ 2	/ 6	/ 34	/	/ 80	/	/ 16	/ 12	/	/ 4	/ 154
Task 2 - Remedial Alternative Cost Estimate (2006 rate)	/	/ 4	/ 30	/	/ 68	/	/ 16	/	/	/ 8	/ 126
Task 3 - Pre-Design Field Activities (2006 rate)	/	/ 4	/ 30	/ 8	/ 106	/ 32	/ 28	/ 16	/ 4	/	/ 228
Task 4 - Plans and Specifications (2006 rate)	/ 3	/ 13	/ 92	/ 178	/ 184	/ 86	/ 164	/ 54	/ 10	/ 32	/ 816
Task 5 - Pre-Award Services (2006 rate)	/ 1	/ 6	/ 58	/ 30	/ 32	/	/	/	/ 4	/ 4	/ 135
	/	/	/	/	/	/	/	/	/	/	/
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	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
TOTAL HOURS:	/ 6	/ 33	/ 244	/ 216	/ 470	/ 118	/ 224	/ 82	/ 18	/ 48	/ 1459

*Expended/Estimated

Schedule 2.11(i)

Monthly Cost Control Report
Equipment Inventory Control Form *

Engineer **Contract No.** D004440-1

1) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

2) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

3) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

4) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

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

APPENDIX C

MINORITY AND WOMEN OWNED BUSINESS UTILIZATION PLAN

TABLE III
CONSULTANT/CONTRACTOR DETAILED MBE/WBE AND EEO UTILIZATION PLAN
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONSULTANT/CONTRACTOR NAME:	URS Corporation		
CONTRACT TYPE/NUMBER:	D004440 WA 01	CONTRACT AWARD DATE:	11/3/2005
ADDRESS: 77 Goodell Street	CITY: Buffalo	STATE: NY	ZIP CODE: 14203
PROJECT OWNER NAME: New York State Department of Enviornmental Conservation		PROJECT/GRANT No.:	
ADDRESS: 625 Broadway	CITY: Albany	STATE: NY	ZIP CODE: 12233
AUTHORIZED REPRESENTATIVE:	Charles E. Dusel, Jr.	TITLE:	Project Manager
AUTHORIZED SIGNATURE:			
CONTRACT DESCRIPTION:	Camp Pharsalia Remedial Design		

EEO AND MBE/WBE CONTRACT SUMMARY

	%	AMOUNT		%	AMOUNT
1. TOTAL DOLLAR VALUE OF THE PRIME CONTRACT	100%	$151,988.00			
2. STATE SHARE AMOUNT	100%	$151,988.00			
3. MBE GOAL/AMOUNT	15%	$22,798.20	6. BUDGETED MBE	6.82%	$10,368.00
4. WBE GOAL/AMOUNT	5%	$7,599.40	7. BUDGETED WBE	8.61%	$13,089.00
5. MBE/WBE COMBINED TOTALS	20%	$30,397.60	8. MBE/WBE COMBINED TOTALS	15.43%	$23,457.00

BUREAU OF MINORITY & WOMEN'S BUSINESS PROGRAMS USE ONLY

PROPOSED GOALS		DATE APPROVED	DATE DISAPPROVED	INITIALS
MBE(%)	EEO-MINORITIES (%)			
WBE(%)	EEO-MINORITIES (%)			

SECTION I - MBE INFORMATION: IN ORDER TO ACIEVE THE MBE GOALS, NEW YORK STATE CERTIFIED MINORITY-OWNED FIRMS ARE EXPECTED TO PARTICIPATE IN THE FOLLOWING MANNER

MBE FIRM INFORMATION	DESCRIPTION OF WORK MBE	PROJECTED MBE CONTRACT AMOUNT AND AWARD DATE	CONTRACT SCHEDULE AND START DATE	CONTRACT PAYMENT SCHEDULE	PROJECT COMPLETION DATE
NAME: Mitkem Corporation ADDRESS: 175 Metro Center Blvd. CITY: Warrick STATE/ZIP CODE: Rhode Island 02886 TELEPHONE No.: 401-734-3400	Analytical Services	$9,378.00 DATE:			
NAME: Hampton-Clarke, Inc. ADDRESS: 175 Rte. 46 West CITY: Fairfield STATE/ZIP CODE: NJ 07004 TELEPHONE No.: 800-426-9992	Hazardous Waste Transportation and Disposal	$990.00 DATE:			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		DATE:			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		DATE:			

SECTION II - WBE INFORMATION: IN ORDER TO ACHIEVE THE MBE GOALS, NEW YORK STATE CERTIFIED WOMAN-OWNED FIRMS ARE EXPECTED TO PARTICIPATE IN THE FOLLOWING MANNER.

WBE FIRM INFORMATION	DESCRIPTION OF WORK WBE	PROJECTED WBE CONTRACT AMOUNT AND AWARD DATE	CONTRACT SCHEDULE AND START DATE	CONTRACT PAYMENT SCHEDULE	PROJECT COMPLETION DATE
NAME: Queen City Imaging ADDRESS: 3100 Main Street CITY: Buffalo STATE/ZIP CODE: New York 14214 TELEPHONE No.: 716-832-8100	Copy/ Reproduction	$5,913.00 DATE:			
NAME: American Auger ADDRESS: 453 County Route 23 CITY: Constantia STATE/ZIP CODE: NY 13044 TELEPHONE No.: 315.623.7496	Excavation Services	$3,276.00 DATE:			
NAME: Joanne Darcy Crumm ADDRESS: 479 W. Main Street CITY: Cobleskill STATE/ZIP CODE: NY 12043 TELEPHONE No.: 518-234-4650	Professional Land Surveyor	$3,900.00 DATE:			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		DATE:			

APPENDIX D

PRELIMINARY DRAWINGS AND SPECIFICATIONS

CAMP PHARSALIA

LIST OF SPECIFICATIONS

DIVISION 1 – GENERAL REQUIREMENTS

01010	Summary of Work
01030	Site Conditions
01035	Health and Safety
01040	Project Coordination
01051	Survey
01060	Regulatory Requirements
01200	Pre-Construction Conference and Progress Meetings
01305	Contractor Submittals
01400	Contractor Quality Control
01405	Sampling
01510	Site Facilities and Services
01520	Project Photographs
01561	Environmental Protection
01563	Spill Control
01569	Fire Prevention and Control
01720	Project Record Documents
01740	Warranty of Construction

DIVISION 2 – SITE WORK

*02070	Demolition
02110	Site Preparation
02120	Erosion and Sediment Control
02210	Filling and Grading
02220	Aggregate Materials and Rip Rap
02225	Excavation
02230	Transportation and Disposal
02900	Vegetative Soil and Turf

DIVISION 11 – EQUIPMENT

11304	Groundwater Treatment System

CAMP PHARSALIA

SUGGESTED LIST OF DRAWINGS

1. Cover Sheet
2. Index of Drawings and Location Maps/ Legend, Abbreviations, and General Notes/ Existing Site Conditions Plan and Survey Control Plan (1" = 60 feet)
3. Site Investigation Locations
4. Demolition and Soil Excavation Plan/ Erosion and Sediment Controls Plan and Details (1" = 30 feet)
5. Process and Instrumentation Diagram

URS

April 19, 2006

OK 4/20/06

Mr. Ralph Burger
Contract Development Section
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7010

Re: NYSDEC WA No. D004440-1
Camp Pharsalia Site
Town of Pharsalia, Chenango County, New York
Test Trenching Services

Dear Mr. Burger:

URS Corporation - New York (URS) solicited a quote from a minority business enterprise (WBE) to provide test trench services for the Site Characterization at the Camp Pharsalia site, which is located in Town of Pharsalia, Chenango County, New York. The contractor responded to the Request for Quotation (RFQ). The response is attached for your review.

Company	Bid Amount
American Auger & Ditching (WBE)	$ 3,276.00

URS solicited a unit cost rate for test trench services. The expected price for the services will be under $10,000.00 therefore only one bid was needed to select a WBE subcontractor. We request your approval to issue them a purchase order for this work assignment.

As always, please contact us if you have any questions or need further information.

Sincerely,

URS CORPORATION - NEW YORK

Ronald Niziol

Ronald Niziol
Procurement Officer

cc: K. Sarnowicz, NYSDEC
V. Alfonso, NYSDEC
C. Dusel, URS
G. Kisluk, URS
File: 11174440 (C-1)

URS Corporation
77 Goodell Street
Buffalo, NY 14203
Tel: 716.856.5636
Fax: 716.856.2545

TABLE 1
UNIT PRICE SCHEDULE
TEST TRENCH SERVICES AT CAMP PHARSALIA SITE
NYSDEC WA# D004440-1

UNIT PRICE SHEET

Item	Description [1]	Unit	Quantity [2]	Unit Cost	Total Cost
1	Mobilization/ Demobilization [3]	/Lump Sum	1	1750.	$1750.
3	Plastic Sheeting (6 mil)	8 ft x 100 ft roll	1	150.	150.
2	Backhoe w/Operator	/Hour	8	100	800
4	Steam Cleaner Rental w/ Water Tank	/Day	1	150	150
5	Construction of Temporary Decontamination Pad [4]	/Each	1	350	350
6	DOT approved, 55-gallon drum	/Each	2	38	76

EST. Total: $3276.

1. The cost of all activities required by the Scope of Work and not specifically identified above as Payment Items shall be included within the quoted costs for the listed Payment Items.
2. Quantities are estimated. Actual payment will be made based on the actual, approved work performed. The unit prices are fixed and not subject to renegotiation due to an increase or decrease in quantities.
3. Price shall include travel to/from site, per diem, and subsistence (if needed).
4. Including all equipment and supplies necessary to containerize the decontamination fluids.

Company Name: AMERICAN AUGER & Ditching Co. Inc.

Authorizing Signature: Judy Baye, Pres Date: 4-17-06

Print Name and Title: Judy Baye, Pres

URS Corporation
77 Goodell Street
Buffalo, New York 14203 (716)-856-5636 FAX: (716) 856-2545

Letter of Transmittal

TO: **NYSDEC**
625 Broadway
Albany, New York 12233

DATE: 4/5/06 **JOB NO.: 11174439 (C-1)**
ATTN: Ralph Burger
RE: Camp Pharsalia

We are sending you ☑ *Attached* ☐ Under Separate Cover the following items:

☐ Shop Drawings ☐ Prints ☑ Plans ☐ Specifications
☐ Copy of letter ☐ Change Order ☐ Payment Request ☐ Reports

COPIES	AUTHOR	DATE	DESCRIPTION
5	URS	April 2006	DRAFT Project Management Work Plan/ Budget Estimate

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ No Exceptions Taken ☐ Resubmit ____ copies for approval
☐ For your use and information ☐ Revise as Noted ☐ Submit ____ copies for distribution
☐ As requested ☐ Amend and Resubmit ☐ Return ____ corrected prints
☑ For review and comment ☐ Rejected - See Remarks ☐ _____
☐ FOR BIDS DUE:

REMARKS:_____

Copies to:
File: 11174439 (C-1)
C. Dusel, URS

Colin Wasteneys, P.G.
Project Geologist

D004440-1

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.state.ny.us

Denise M. Sheehan
Acting
Commissioner

SEP 1 2005

Mr. Douglas Crawford, P.E.
O'Brien & Gere Engineers, Inc.
5000 Brittonfield Parkway
P.O. Box 4873
Syracuse, NY 13221-4873

RE: State Superfund Standby Contract
Work Assignment #D004090-35
Camp Pharsalia, Site No. 7-09-013
Program Element: Remedial Design
NYSDEC Project Manager: Kevin Sarnowicz
Phone Number: (518) 402-9793

Dear Mr. Crawford:

Enclosed is a copy of a State Superfund Work Assignment (WA) for the above referenced project. Please acknowledge receipt by returning a signed copy of this letter to me within one week of receipt.

This WA has been identified by an alpha-numeric designation denoting O'Brien & Gere contract number and sequential number of this WA. Although this letter authorizes the expenditure of Work Plan Development Cost funds, these funds will not be available for payment until the Office of the State Comptroller (OSC) encumbers monies for this WA (generally this takes four weeks).

Prior Approved Work Plan Budget	$ -0-
Work Plan Development Cost Authorization (Task 1):	$ 7,350
Estimated Work Plan Budget (Tasks 2-3):	$ 39,045
Total Estimated Work Assignment Budget (All Tasks):	$ 46,395

Also enclosed is a copy of the work plan development schedule. All efforts should be made to adhere to it. Final work plans and budgets are to be developed so that a Notice to Proceed can be issued within a maximum of 90 days. Failure to do so may result in termination of this WA and will affect your firm's receipt of future work assignments. **Please note that the potentially responsible party is the State of New York and, therefore, a Conflict of Interest Determination will not be necessary.**

A work plan submitted to the Department should include the following items:

1. **Description of major tasks and subtasks.**

2. **Detailed work assignment progress schedule with milestones.**

3. **Identification of areas of work requiring subcontracting.**

4. **A detailed work assignment budget** broken down by tasks and subtasks (using schedule 2.11 in the contract) in accordance with the contract's budget reporting requirements, utilizing cost rates and factors contained in the base contract (see Article 4 of contract), applied to the approved level-of-efforts. Schedule 2.11(b) must include all labor hours inclusive of administrative labor hours which should be presented separately in Schedule 2.11(b-1).

5. **A staffing plan** identifying management and technical staff and their responsibilities (submit resumes only for unapproved employees).

6. **A final M/WBE Utilization Plan** identifying subcontracts most likely to result in M/WBE utilization to be submitted to this office within two weeks.

If you have any questions concerning contractual procedures, please contact Ms. Laurie Rizzo, contract manager, at (518) 402-9489. If you have any questions concerning WA related technical issues, please contact the New York State Department of Environmental Conservation project manager identified in this letter. Please submit five (5) double-sided copies of the Work Plan and all responses on this WA to me.

Sincerely,

Dorothy A. Norvik, Chief
Contracts & Payments Section
Bureau of Program Management

Enclosures

Date Received and Accepted:_____

Signature of Consultant:_____

ec: w/ enclosure:
K. Sarnacki
L. Rizzo

bec: w/o enclosure:
P.D. Smith
J. Quinn
T.Wolosen
B. Moulhem

sent 11/29

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.state.ny.us

Denise M. Sheehan
Acting
Commissioner

November 28, 2005

Mr. Donald Hunt, P.E.
URS Corporation
77 Goodell Street
Buffalo, NY 14203

Dear Mr. Hunt:

RE: State Superfund Standby Contract
Work Assignment #D004440-1
Camp Pharsalia, Site #7-09-013

Enclosed is a copy of a State Superfund Work Assignment (WA) for the above referenced project. Please acknowledge receipt by returning a signed copy of this letter to me within one week of receipt.

This WA has been identified by an alpha-numeric designation denoting the URS Corporation contract number and sequential number of this WA. Although this letter authorizes the expenditure of Work Plan Development Cost funds, these funds will not be available for payment until the Office of the State Comptroller (OSC) encumbers monies for this WA (generally this takes four weeks).

Project Name:	Camp Pharsalia
W.A. Number:	D004440-1
Site Number:	7-09-013
Operable Unit No.:	N/A
Program Element:	Remedial Design (RD)
NYSDEC Project Manager:	Kevin Sarnowicz
Phone Number:	(518) 402-9793

Work Plan Development Cost Authorization (Task 1):	$ 7,350
Estimated Work Assignment Budget (Tasks 2-3):	$ 39,045
Total Estimated Work Assignment Budget (All Tasks):	$ 46,395

Also enclosed is a copy of the work plan development schedule. All efforts should be made to adhere to it. Final work plans and budgets are to be developed so that a Notice to Proceed can be issued within a maximum of 90 days. Failure to do so may result in termination of this WA and will affect your firm's receipt of future work assignments.

A work plan submitted to the Department should include the following items:

1. **Description of major tasks and subtasks.**

2. **Detailed work assignment progress schedule with milestones.**

3. **Identification of areas of work requiring subcontracting.**

4. **A detailed work assignment budget** broken down by tasks and subtasks (using schedule 2.11 in the contract) in accordance with the contract's budget reporting requirements, utilizing cost rates and factors contained in the base contract (see Article 4 of contract), applied to the approved level-of-efforts. Schedule 2.11(b) must include all labor hours inclusive of administrative labor hours which should be presented separately in Schedule 2.11(b-1).

5. **A staffing plan** identifying management and technical staff and their responsibilities (submit resumes only for unapproved employees).

6. **A final M/WBE Utilization Plan** identifying subcontracts most likely to result in M/WBE utilization to be submitted to this office within two weeks.

If you have any questions concerning contractual procedures, please contact Mr. Ralph Burger at (518) 402-9752. If you have any questions concerning WA related technical issues, please contact the New York State Department of Conservation project manager identified in this letter. Please submit five (5) double-sided copies of the Work Plan and all responses on this WA to me.

Sincerely,

Dorothy Norvik
Chief
Contracts and Payments Section
Bureau of Program Management

Enclosures

Date Received and Accepted:_____

Signature of Consultant:_____

ec: P.D.Smith
K. Sarnowicz, PM
J. Quinn
D. Norvik
D. Weigel
R. Burger, CM
T.Wolosen
L. Kennedy, Payments
Vern_Singh@urscorp.com
Don_Hunt@urscorp.com
Chuck_dusel@urscorp.com
Jon_Sundquist@urscorp.com

STATE SUPERFUND STANDBY CONTRACT WORK ASSIGNMENT
REMEDIAL DESIGN PROJECT
CONTRACT TYPE: COST PLUS FIXED FEE

Site Name: Camp Pharsalia Site (7-09-013)
Site Location: Pharsalia, Chenango County
NYSDEC Project Manager: Kevin Sarnowicz
Telephone:(518) 402-9768

Site Location and Description

The site is located within the Camp Pharsalia Incarceration Facility, an active New York State Department of Correctional Services (NYSDCS) facility, located in the Town of Pharsalia, Chenango County. The 25 acre property is owned by the NYSDEC, but operated by NYSDCS. The inactive hazardous waste site occupies approximately 0.25 acres, in the southwest portion of the property. The site consists of a one story wood-framed former wood treatment building and surrounding grassy area. The site is immediately bordered by the correctional facility to the north, an old Civilian Conservation Corps Truck Trail on the east, and state-owned land on the south and west. The surrounding land is rural, and primary uses are residential and agricultural. The nearest private residence is approximately one quarter mile northeast of the site.

History and Background

Incarceration facility inmates participate in various work programs. One of the work activities formerly performed by the Camp Pharsalia inmates was a sawmill and wood treatment operation. The treatment plant was constructed for a dip tank process. The plant operated from approximately 1960 to 1977. Seasoned wood poles were staged on the east end of the treatment building. The logs were moved by an overhead hoist into the treatment building and placed in the dip tank. The top of the dip tank was at floor level. Wood was treated using a pentachlorophenol (PCP) solution consisting of approximately one part PCP, to eleven parts fuel oil.

After treatment, the poles would be raised from the dip tank and remain over the tank for approximately four hours. This would allow most of the unabsorbed product to drip back into the dip tank. The poles were then moved to one of the areas designated for the storage of treated posts outside the treatment building. Drums of PCP were reportedly stored on the west side of the treatment building. The fuel oil used in the treatment process was stored inside the treatment building in tanks.

Remedial History

The Camp Pharsalia site is a NYSDCS facility currently under investigation by the NYSDEC due to former wood treatment operations. It is an active incarceration facility operated by the NYSDCS, and located on property under the jurisdiction of the NYSDEC. The NYSDCS

provided the funding for building construction at the Camp and provides for the maintenance and security. The NYSDEC provides the work programs, technical forestry staff to supervise work, and tools and equipment required to carry out the work. The wood treatment program was developed to provide lumber and round poles for NYSDEC construction and maintenance projects. The pole treatment plants, however, are no longer in operation. Wood treatment at Camp Pharsalia was discontinued in 1977.

In October of 1997 the NYSDEC Division of Operations requested that the Division of Environmental Remediation (DER) perform an environmental investigation at Camp Pharsalia.

The DER completed a Preliminary Investigation (PI) at Camp Pharsalia in 1999. The PI consisted of the excavation of 13 test pits, the installation and sampling of 5 monitoring wells and the collection of 33 surface soil, 3 sediment and 25 subsurface soil samples. The investigation found PCP in the soil directly below the treatment building and the area extending to the west of the building. The soil under the building was also tested for dioxin, a common impurity in PCP, which was found to be above cleanup criteria. Based on these findings, in December of 1999, the NYSDEC listed the Camp Pharsalia site on the State's Registry of Inactive Hazardous Waste Disposal Sites. The site was designated a Class 3 site, which is defined as a site which "Does not present a significant threat to the public health or the environment - action may be deferred."

In 2001, the NYSDEC initiated a Remedial Investigation/Feasibility Study (RI/FS) for the Camp Pharsalia site. The RI was developed to build on the information generated during the PI and to help fully delineate the extent of contamination known to exist.

Summary of the Selected Remedy

The NYSDEC has selected Containment - Low Permeability Cover System (LPCS) as the remedy for this site. The elements of this remedy are described at the end of this section. The selected remedy is based on the results of the PI, RI and the evaluation of alternatives presented in the FS.

This remedy has been selected because it will achieve the remediation goals for the site by effectively preventing direct contact or potential ingestion of contaminated soil (the potential human health pathways) and erosion or infiltration (the primary mechanisms for contaminant migration).

The elements of the selected remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.

2. Demolition and offsite disposal of the former treatment building.

3. Placement of a LPCS including: (a) Vegetative Layer – approximately 6 inches of topsoil that serves to reduce erosion, (b) Low Permeability Layer – approximately 12 inches of

compacted clay to reduce infiltration into the impacted media; and (c) Geosynthetic Demarcation Barrier - a geotextile fabric between the cap and the fill material to serve as a demarcation between the clean and contaminated materials.

4. The site will be restored by grading to insure proper drainage, placement of additonal topsoil as necessary, and seeding.

5. A soils management plan will be developed to address residual contaminated soils that may be excavated from the site during future redevelopment. The plan will require soil characterization and, where applicable, disposal/reuse in accordance with NYSDEC regulations.

6. An institutional control will be imposed, in such form as the NYSDEC may approve, that will require compliance with the approved soils management plan.

7. Institutional controls will be imposed in the form of existing use and development restrictions preventing the use of overburden groundwater as a source of potable or process water without necessary water quality treatment as determined by the Chenango County Department of Health Services.

8. The NYSDEC Division of Operations, or any successor in title, will complete a periodic certification until it is determined that a certification is no longer needed. This submittal will contain certification that the institutional controls and engineering controls put in place, pursuant to the Record of Decision, are still in place, have not been altered, and are still effective.

9. Since the remedy results in untreated hazardous waste remaining at the site, a long term groundwater monitoring program will be instituted which will include the monitoring well network and the on-site water supply wells.

10. A notification will be sent to the county clerk for filing, to notify future owners of the residual contaminants remaining in the soil on the site.

Scope of Work

The Engineer shall prepare detailed plans and specifications, to use in competitive bidding for the remedial construction of the selected remedial alternative, in conformance with New York State laws, rules, regulations, and guidelines.

The following is a summary of what shall be incorporated/addressed as part of the Remedial Design:

Major Elements of the Remedial Design

- Full-scale design of building demolition and its contents.
- Removal of building demolition debris.

- Full-scale design of excavation of area to be covered by the cap.
- Full-scale design of the LPCS.
- Restoring the site by grading to insure proper drainage, placement of additional topsoil as necessary, and seeding.
- Development of a site management plan.

Task 1: Work Plan Development

Upon receipt of the Work Assignment (WA), the consultant's Project Manager shall contact the NYSDEC Project Manager to discuss and verify the work to be completed prior to the scoping meeting.

Subtask 1.1: Background Review and Site Visit:

As necessary, the engineer shall review the following reports to gain a thorough understanding of the site conditions and components of the selected design. This task will also include a site visit by the NYSDEC Project Manager and the Engineer.

1. Record of Decision, March 2003
2. Proposed Remedial Action Plan, February 2003.
3. Final Remedial Investigation Report (RI), February 26, 2003.
4. Final Feasibility Study (FS), February 26, 2003.
5. Remedial Investigation/Feasibility Study (RI/FS) Work Plan, October 2001.
6. Preliminary Investigation Report, August 1999.
7. Preliminary Site Assessment Work Plan, May 1998.

Subtask 1.2: Scoping Session and Project Management Work Plan (PMWP)

1.2.1: Scoping Session

A scoping session will be held at NYSDEC's headquarters in Albany following the site visit and the record review, but within three weeks of the receipt of the WA. At least two days prior to the scoping session, the consultant shall submit three copies of the preliminary PMWP to the NYSDEC Project Manager and one copy to the NYSDOH project contact. The preliminary PMWP will include the scope of work given in this work assignment and any modifications which are consistent with the project budget and schedule. A preliminary budget and a staffing plan should also be included in the PMWP. The preliminary budget should include the summary

of work assignment price, the direct labor hours budgeted, and the monthly cost control report including subcontractor fees.

Based upon the existing records review, the consultant shall present a summary of information regarding the approach to be taken for the design of the selected remedy. The scope of work for any pre-design field investigations (to the extent necessary, see Task 2), including the number of environmental samples, sample locations, method of sampling, type of analysis, and QA/QC requirements should be included. As a rule, Analytical Service Protocol (ASP), latest version, must be followed unless otherwise directed by the NYSDEC. The project schedule will be agreed upon during this meeting. Any significant issues regarding the overall project will be resolved at this time.

1.2.2: Project Management Work Plan

A revised Project Management Work Plan will be delivered within three weeks of the scoping session. It will include:

- A complete scope of work.
- A complete budget package. This will include a detailed level of effort and budget for Task 1 and a preliminary estimate of the level and budget for Tasks 2-5.
- A WA progress schedule, including milestones and deliverables.
- A Project Staffing Plan, identifying key management and technical staff to be assigned to conduct the work elements, including resumes and a listing of their areas of specialization and project responsibilities.
- A minority and women business (M/WBE) and equal employment opportunity (EEO) Utilization Plan, including identification of work items to be subcontracted.
- An outline of the Field Activities Plan (FAP) which summarizes the number and location of the environmental samples to be obtained in conjunction with the design program. It should rely on tables and figures for demonstrating the plan. This plan will also include the names and addresses of all property owners that the NYSDEC must contact to properly obtain access. The FAP will also include a site-specific Health and Safety Plan (HASP) and site-specific Quality Assurance Project Plan (QAPP). A Data Usability Summary Report (DUSR) will be required for select groundwater and soil samples collected during pre-design activities.

Once completed, the final PMWP will include the project scope of work, the final budget, the project schedule, the staffing plan, the M/WBE and EEO utilization plan, and the final FAP with supporting HASP and QAPP. The final budget will include all subcontractor fees supported by quotes. The final PMWP will be submitted within three weeks of the Department's review of the revised PMWP. Once the final PMWP is approved by the Department, the consultant will submit seven (7) complete copies for distribution. A Notice to Proceed (NTP) will be issued for the

remainder of the Work Assignment. The total time for the NTP to be issued to the consultant should not exceed 90 days after the issuance of the WA unless extenuating circumstances are encountered.

Task 2: Pre-Design Field Activities

After work plan approval and issuance of the NTP, the Engineer shall be required to start field activities including pre-excavation delineation sampling to collect data to accurately estimate the total volume of soil to be removed. An asbestos and lead paint survey should be performed for the various building materials during the pre-design investigation to assess appropriate disposal methods for the building debris, per the schedule provided in the approved work plan. The Engineer shall be responsible for providing on-site field oversight of subcontractors, preparing daily field logs, evaluating data and preparing a report which describes the findings, conclusions and recommendations. The Engineer shall evaluate this new information in conjunction with existing site data to determine if any additional data is required to support design of the remedy.

Note the Engineer is responsible for determining that the analytical laboratory has and maintains NYSDOH ELAP certification in all categories of CLP and Solid and Hazardous Waste analytical testing for the duration of the project. Select data submittals shall include "Category B" deliverables and Data Usability Summary Report on the selected data as identified in the approved work plan.

Task 3: Plans and Specifications:

The Engineer shall prepare complete plans and specifications to be used in competitively bidding the construction, operation, and maintenance of the selected remedy in conformance with New York State and applicable federal laws, rules, regulations, and guidelines. This submittal will include a complete design for the complete building demolition, soil excavation, building demolition removal, backfilling the excavated area, placement of topsoil, seed and mulch, and OM&M. The Engineer will utilize the Department's standard construction contract clauses and format (issued 12/2003) to prepare contract documents. Included in this task will be the development of minimum requirements for the construction quality assurance/health and safety plans (the plans themselves will be prepared by the construction contractor).

The Engineer will be responsible for obtaining all necessary surveys to allow for the NYSDEC temporary and long-term easements.

Subtask 3.1 Preliminary Design:

As the design progresses, the Engineer shall prepare a Design Report that describes the major elements of the project, the basis of design, supporting data, documentation, design calculations, assumptions, and uncertainties. Corresponding portions of the Design Report will be submitted along with each major submittal of the plans and specifications (i.e., 30%, 60% (if required), and final design).

The Engineer shall submit to the NYSDEC six copies of preliminary construction plans and specifications when the design is 30% complete. The Engineer shall have verified the existing field conditions. Supporting data, documentation, and design calculations shall be provided with the design documents defining the functional aspects of the project and how it complies with any applicable regulations (air permit calculations, wastewater discharge requirements, etc.). County deed records (to the extent necessary and currently available) must be searched and reviewed to identify all potentially impacted property owners, and/or those parties with property rights, and an updated tax map must be provided to the NYSDEC. A preliminary listing of all temporary and permanent easements, right of ways and permits necessary in order to implement the proposed remedial design and associated operation and maintenance must be provided.

Additionally, all non-property permits with which the design must be in substantive compliance (e.g. Article 15, Stream Protection, Air Pollution Permit, Part 360 requirements, etc.) must be identified. The preliminary design must also demonstrate substantive compliance when necessary. Note this may include a completed permit application(s) with supporting data/information.

A schedule for meeting the critical access and permit requirements to allow bidding the project must be developed in cooperation with the DEC Project Manager, and agreement reached as to who (DEC or the Consultant) will be responsible for obtaining required permits, completing applications and obtaining access agreements. This information must be updated, as appropriate, in subsequent design submissions. Coordination with the DEC Project Manager is important to insure DEC has secured all necessary access agreements, right of ways and permits by the time of design completion and preparation of final bid documents.

Subtask 3.2 Intermediate Design:

At the option of the Department, the Engineer shall submit to the NYSDEC three copies of intermediate construction plans and specifications when the design is 60% complete. The work assignment budget shall reflect the difference in the overall project cost if this submittal is not required.

Subtask 3.3 Final Design:

Upon completion of the design documents, the Engineer shall submit to the NYSDEC for review, seven copies of the final plans, and specifications including an electronic copy of the report in Adobe Acrobat (PDF) format. Prior to this submittal, the Engineer shall have thoroughly coordinated and cross-checked the bid form, specifications, and drawings to ensure consistency with the contract documents. Written documents will be provided by the NYSDEC describing the changes required to consider the plans and specifications acceptable for bidding. The Final Design must bear the seal and signature of a professional engineer registered to practice in New York State.

Along with the final design, the Engineer shall submit a Limited Site Data Summary Report that will be issued along with the bid documents to bidders for their information. This report will include a summary of the site conditions and analytical data available to help bidders understand the requirements of the project.

After approval of the final design by the NYSDEC, the Engineer shall submit Fifty (50) copies of the plans, specifications, and limited Site Data Report.

Subtask 3.4 Project Cost Estimate:

At the final design stage the Engineer shall prepare a pre-bid construction, operation, and maintenance cost estimate for the project. The pre-bid estimate shall be supported by quantity take-off sheets and the basis for the development of unit and lump sum prices used in the estimate.

Task 4: Pre-award Services

These services are optional and will be exercised at the discretion of the Department. The Engineer shall provide support services to the NYSDEC for the purpóses of competitively bidding the site remediation contract.

Subtask 4.1: Pre-Bid Conference and Public Meetings

The Engineer shall conduct a pre-bid conference with prospective bidders. At the pre-bid conference the Engineer will emphasize to the prospective bidders important items of the project, provide a tour of the project site, answer any questions and prepare minutes of the meeting. The Engineer shall prepare any necessary addenda to the plans and specifications for the timely transmittal to prospective bidders. The Engineer shall respond to all questions from prospective bidders.

At the discretion of the NYSDEC, the Engineer will present at a public meeting and be prepared to answer any questions raised concerning the design of the project, construction techniques and project scheduling, and prepare meeting minutes.

Subtask 4.2: Bid Review

The Engineer shall review all plans required by the contract documents and submitted by the contractor with the bid, including, but not limited to, the health and safety plan.

Estimate of Work Assignment Budget

Task	Description	LOE (Hrs)	Labor Cost	Other Cost	Total
1	Work Plan	75	$6,750.00	$600.00	$7,350.00
2	Pre Work Plan Sampling	15	$1,350.00	$10,395.00	$11,745.00
3	Plans & Specs	200	$18,000.00	$5,000.00	$23,000.00
4	Pre-Award Services	40	$3,600.00	$700.00	$4,300.00
	TOTAL	330	$29,700.00	$16,695.00	**$46,395.00**

Period of Performance

The Remedial Design shall be completed within 200 days of the receipt of the work assignment.

Work Plan Development Authorization

The Engineer is authorized to spend up to $7,350 to perform Task 1.

Project Schedule with Milestones

Completion of Task	Days (From Issuance of Work Assignment)
1.0 - Work Plan*	45
2.0 - Pre-Design Field Activities	85
3.1 - 30% Design*	125
3.2 - 60% Design	160
3.3 - Final Design*	200
4.0 - Pre-award Services	to be determined

* Denotes project milestones where performance evaluations are due.

URS

March 25, 2008

Mr. Ralph Burger, Contracts and Payment Section
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

RE: NYSDEC Standby Contract – Remedial Design
Camp Pharsalia, Site No. 7-09-013
Re-Allocation of Budget – New Construction Phase Services Task
WA # D004440-1A

Dear Mr. Burger:

This letter confirms our March 19, 2008 telephone conversation, which included Mr. Mason, where we discussed the creation of a new construction phase services task under our existing Work Assignment (WA) # D004440-1. There is approximately $28,000 of unused labor, direct non-salary, and subcontracting cost dollars remaining in the budget.

The original scope of work was developed for a remedial design and included five tasks. Tasks 1 through 4 were completed with the submission of the January 2008 Contract Documents and project cost estimate. Task 5 - *Pre-Award Services* is active and the budget for this task will not change. The creation of the new Task 6 will allow URS to use the unused monies from Tasks 1 - 4 to partially fund the construction phase work activities.

The construction phase services work will consist of contractor oversight (one month), documentation of construction, record keeping, field orders and change orders, and the preparation of a Final Remediation Report.

The funding for this new task was created by simply shifting unused labor, direct non-salary, and subcontracting cost dollars from Tasks 1 - 4. The unused dollars were shifted to (a) direct salary costs; (b) indirect costs; (c) direct non-salary costs, and (d) fixed fee categories as needed in order to begin this new task.

The new task - Task 6 – *Construction Phase Services* will allocate funds for URS to commence the services. The budget for Task 6 will require a future amendment to bring the total to approximately $52,000. Two copies of the revised 2.11s are attached for your review and approval.

URS Corporation
77 Goodell Street
Buffalo, NY 14203
Tel: 716.856.5636
Fax: 716.856.2545

The following table summarizes the above WA changes by Task.

Task 1 – *Work Plan Development (2006 Rate)*	**$ 14,685**
Deletion of unused Direct Salary Costs	$ <537>
Deletion of unused Indirect Costs	$ <676>
Deletion of unused Direct Non-Salary Costs	$ <694>
Deletion of unused Subcontractor funds and management fees	$ <209>
Revised total dollar value of Task 1 WA Budget	**$ 12,569**
Net Change	$ <2,116>
Task 2 – *Remedial Alternative Cost Estimate (2006 Rate)*	**$ 11,512**
Deletion of unused Direct Salary Costs	$ <688>
Deletion of unused Indirect Costs	$ <867>
Deletion of unused Direct Non-Salary Costs	$ <516>
Addition of Subcontractor fund and management fee	$ 100
Revised total dollar value of Task 2 WA Budget	**$ 9,540**
Net Change	$ <1,971>
Task 3 – *Pre-Design Field Activities (2006 Rate)*	**$ 38,850**
Deletion of unused Direct Salary Costs	$ <160>
Deletion of unused Indirect Costs	$ <202>
Deletion of unused Direct Non-Salary Costs	$ <602>
Deletion of unused Subcontractor funds and management fees	$ <4,391>
Revised total dollar value of Task 3 WA Budget	**$ 33,495**
Net Change	$ <5,355>
Task 4 – *Plans and Specifications (2006 Rate)*	**$ 72,263**
Deletion of unused Direct Salary Costs	$ <7,438>
Deletion of unused Indirect Costs	$ <9,365>
Deletion of unused Direct Non-Salary Costs	$ <118>
Deletion of unused Subcontractor funds and management fees	$ <1,792>
Revised total dollar value of Task 3 WA Budget	**$ 53,550**
Net Change	$ <18,713>
New Task 6 – *Construction Phase Services (2008 Rate)*	
Direct Salary Costs	$ 8,825
Indirect Costs (125.9%)	$ 11,111
Subtotal Direct Salary Costs and Indirect Costs	$ 19,937
Travel	$ 5,153
Other Non-salary Costs	$ 675
Subtotal Direct Non-Salary Costs	$ 5,828
Fixed Fee (12%)	$ 2,392
Total Task 2 WA Budget	$ 28,157

In summary, $28,157 unused Direct Salary and Indirect Costs, Direct Non-Salary Costs and Subcontractor dollars from Tasks 1, 2, 3 and 4 are being transferred to partially fund a new Task 6.

There was no change in the total WA price. Once this rebudget has been completed, it will be necessary to amend this work assignment by approximately $24,000. This money will be added to Task 6 to increase the Task 6 total to approximately $52,000. This amount may need to be increased to include costs for URS to implement the Community Air Monitoring Plan (CAMP) sampling. URS is in the process of estimating the cost of implementing the CAMP sampling.

URS appreciates the Department's processing of this WA rebudget. Once approved, the rebudget will allow prompt payment of this WA.

If you should have any questions, please contact me.

Very truly yours,

URS Corporation

C. Dusel

Charles E. Dusel, Jr.
Sr. Project Manager

Attachment

cc: Mike Mason, NYSDEC
H. Heider, Accounting, URS
File: 11174439 (WA-1)

SCHEDULE 2.11(a)

Summary of Work Assignment Price
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	$48,836
2) Indirect Costs (Schedule 2.10(g))	$61,484
3) Direct Non-Salary Costs (Schedules 2.10(d)(e)(f) and 2.11(c)(d)	$7,895

Subcontract Costs

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

Name of Subcontractor	Services to be Performed	Subcontract Price

4) Total Cost-Plus-Fixed-Fee Subcontracts	

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

Name of Subcontractor	Services to be Performed	Subcontract Price
A) Queen City Imaging (WBE)	Copying/Binding	$4,193
B) Mitkem Corporation (MBE)	Analytical Services	$7,307
C) Joanne Darcy Crum (WBE)	Survey	$3,150
D) American Auger (WBE)	Test Trenching	$2,700
E) Hampton-Clarke, Inc. (WBE)	IDW Disposal	
F) EMSL	Asbestos Analysis	$83

5) Total Unit Cost Subcontracts	$17,433
6) Subcontract Management Fee	$710
7) Total Subcontract Costs (lines 4 + 5 + 6)	$18,143
8) Fixed Fee (Schedule 2.10(h))	$15,630
9) Total Work Assignment Price (lines 1 + 2 + 3 + 7 + 8)	$151,988

J:\11174439.00000\EXCEL\2_11 (04-04-06)\2_11 FINAL\Mar 2008 Rebudget\

Date Prepared: 03/19/08

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A

Date Prepared: 03/19/08

Schedule 2.11(b)

Direct Labor Hours Budgeted

Labor Classification	***IX***	***VII***	***VI***	***V***	***V***	***IV***	***III***	***II***	***I***	***Admin.***	***Total Direct Labor Hrs.***
*Avg. Salary Rate ($) (Year 2006)	$60.46	$57.14	$46.27	$39.36	$33.17	$28.51	$23.66	$20.38	$16.50	$11.92	
*Avg. Salary Rate ($) (Year 2008)	$62.81	$59.36	$48.07	$40.89	$34.46	$29.61	$24.58	$21.18	$17.14	$12.38	
Task 1 - Task 1 - Work Plan Development (2006 rate)	2	6	30		70		16	11		4	139
Task 2 - Task 2 - Remedial Alternative Cost Estimate (2006 rate)		4	29		49		16			7	105
Task 3 - Task 3 - Pre-Design Field Activities (2006 rate)		4	30	8	101	30	31	15	4	1	224
Task 4 - Task 4 - Plans and Specifications (2006 rate)	3	13	92	98	100	87	101	52	10	32	588
Task 5 - Task 5 - Pre-Award Services (2006 rate)	1	6	58	30	32				4	4	135
Task 6 - Task 6 - Construction Phase Services (2008 Rate)	1	2	40	40	30	123		9	7	8	260
Task 7 -											
Task 8 -											
Task 9 -											
Task 10-											
Task 11-											
Task 12-											
Task 13-											
Task 14-											
Task 15-											
Total Hours	7	35	279	176	382	240	164	87	25	56	1451
Total Direct Labor Cost ($)	$426	$2,004	$12,981	$6,989	$12,709	$6,977	$3,881	$1,781	$417	$671	$48,836

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

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A

Date Prepared: 03/19/08

SCHEDULE 2.11(backup)

DIRECT LABOR COSTS BUDGETED

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	TOTALS
Average 2006 Rates	$60.46	$57.14	$46.27	$39.36	$33.17	$28.51	$23.66	$20.38	$16.50	$11.92	
Average 2008 Rates	$62.81	$59.36	$48.07	$40.89	$34.46	$29.61	$24.58	$21.18	$17.14	$12.38	
Task 1 - Task 1 - Work Plan Development (2006 rate)	$120.92	$342.82	$1,388.08		$2,321.84		$378.62	$224.22		$47.66	$4,824
Task 2 - Task 2 - Remedial Alternative Cost Estimate (2006 rate)		$228.55	$1,341.81		$1,625.29		$378.62			$83.41	$3,658
Task 3 - Task 3 - Pre-Design Field Activities (2006 rate)		$228.55	$1,388.08	$314.90	$3,350.09	$855.17	$733.58	$305.75	$65.98	$11.92	$7,254
Task 4 - Task 4 - Plans and Specifications (2006 rate)	$181.38	$742.78	$4,256.77	$3,857.56	$3,316.92	$2,479.99	$2,390.05	$1,059.95	$164.96	$381.30	$18,832
Task 5 - Task 5 - Pre-Award Services (2006 rate)	$60.46	$342.82	$2,683.61	$1,180.89	$1,061.41				$65.98	$47.66	$5,443
Task 6 - Task 6 - Construction Phase Services (2008 Rate)	$62.81	$118.72	$1,922.80	$1,635.60	$1,033.80	$3,642.03		$190.62	$119.98	$99.04	$8,825
Task 7 -											
Task 8 -											
Task 9 -											
Task 10-											
Task 11-											
Task 12-											
Task 13-											
Task 14-											
Task 15-											
Direct Labor Cost ($)	$425.56	$2,004.24	$12,981.14	$6,988.95	$12,709.36	$6,977.19	$3,880.87	$1,780.54	$416.90	$671.00	$48,836

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A

Date Prepared: 03/19/08

Schedule 2.11(b-1)

Direct Administrative Labor Hours Budgeted

Labor Classification	*IX*	*VIII*	*VII*	*VI*	*V*	*IV*	*III*	*II*	*I*	*Admin*	*Total No. of Direct Labor Hrs.*
Task 1 - Work Plan Development (2006 rate)	1	1	4	4	8						18
Task 2 - Remedial Alternative Cost Estimate (2006 rate)			2	4	8						14
Task 3 - Pre-Design Field Activities (2006 rate)		6	2	6	4					1	19
Task 4 - Plans and Specifications (2006 rate)	1	1	6	3	2						13
Task 5 - Pre-Award Services (2006 rate)		2		2						2	6
Task 6 - Construction Phase Services (2008 Rate)		1	4			4		2	2		13
Total Hours	2	11	18	19	22	4		2	2	3	83

Contract/Project administrative hours would include but not necessarily be limited to the following activities

1) Work Plan Development
- Conflict of Interest Check
- Develop budget schedules and supporting documentation

2) Review Work Assignment (WA) Progress
- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/MBE Utilization Report

4) CAP Preparation
- Oversee and prepare monthly CAP
- Respond to payment issues/disallowances
- NSPE list updates
- Equipment Inventory

5) Manage subcontracts

6) Implement and manage program management and staffing plans

Contract/Project administrative hour would not include activities such as:

1) QA/QC reviews
2) Technical oversight by management
3) Develop subcontracts
4)Work Plan Development (other than COI and budget preparation)

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A

SCHEDULE 2.11(c)

Direct Non-Salary Costs
Work Assignment #D004440-1A

Item	Max Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Estimated Cost $
A) SAMPLE ANALYSIS RATE				
NONE				
B) MISCELLANEOUS				
MILEAGE ($0.505/mile)	$0.51	/MILE	5098.5	$2,574.74
CAR RENTAL	$65.00	/DAY	12.6337	$821.19
PER DIEM HOTEL	$70.00	/DAY	19.097	$1,336.79
PER DIEM MEALS	$39.00	/DAY	19	$741.00
AIRFARE	$1.00	/UNIT	0	$0.00
GAS	$50.00	/TANK	8	$400.00
TOLLS	$10.00	/EA	22.981	$229.81
Total Travel Costs				$6,103.53

Schedule 2.11 (d) 1

Eqipment Purchased Under the Contract

Item	Est. Purchase Price ($)	O&M Rate* ($/month)	Term of Usage (Months)	Est. Usage Cost($) (Col 2 + [3 x 4])
			1	
			1	
			1	
			1	
			1	
			1	
			1	
			TOTAL:	$0.00

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

Schedule 2.11(d) 2

Maximum Reimbursement Rates For Consultant Owned Equipment

Item	Purchase Price x 85%	Usage Rate ($/Day)	Capital Recovery** Rate ($/Day)	O & M Rate ($/Unit of Time)	Est. Usage Days	Est. Usage Cost ($) (Col. 3 x 6)

TOTAL: $0.00

* Usage Rate = Capital Recovery Rate + O&M Rate.
* The maximum usage rate for an item of equipment reverts to the O&M rate when the total capital recovery reimbursement rate exceed 85% of the purchase price.
** The Capital Recovery Rate is the equipment's depreciation for the useful life of the item.

Work Assignment #D004440-1A

Schedule 2.11(d) 3

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement Rate ($)*	Units	Est. Usage (Unit of Time)	Est. Rental Cost ($) (Col. 2 x 3)
Data Logger (day)	$15.00	/DAY	4.00	$60
PID (week)	$150.00	/WEEK	3.00	$450
Water level meter (day)	$15.00	/DAY	3.00	$45

TOTAL: $555.00

Work Assignment #D004440-1A

Schedule 2.11(d) 4

Site-Dedicated Eqipment

Item	Estimated Quantity	Units	Unit Cost ($)	Total Budgeted Cost (Col. 2 x 3) ($)

TOTAL: $0.00

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Units	Unit Costs ($)	Total Budgeted Cost (Col. 2 x 3) ($)
Fed-Ex (shipping reports/correspondenc	23.264	/EA	$25.00	$582
Fed-Ex (shipping coolers)	1.4345	/EA	$100.00	$143
Low Value Equipment (manhour)		/MANHOUR	$0.80	
Misc. Supplies (each/w receipt)	5.1145	/EA	$100.00	$511
Level D PPE (manday)		/MANDAY	$13.00	
			TOTAL:	$1,236.50

Schedule 2.11 (e)

Cost-Plus-Fixed-Fee Subcontract
Work Assignment #D004440-1A

Name of Subcontractor **Service to be Performed** **Subcontract Price**

A) Direct Salary Costs

Professional Responsibility Level	Labor Classification	Ave. Reimbursement Rate ($/Hr.)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)

Total Direct Salary Costs _____

Footnotes:

1)

2) Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum for each labor catagory.

3) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.

4) Only those labor classifications indicated with an asterisk will be entitled to overtime premium.

5) Reimbursement for technical time of principals, owners, and officers will be limited to the maximum reimbursement rate of that labor catagory, the actual hourly labor rate paid, or the State M-6 rate, whichever is lower.

6) The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the Department and the Comptroller.

7) This footnote applies to Schedules for year 4 thru 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates wil be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

::

B) Indirect Costs

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

Amount budgeted for indirect costs is: _____

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost

Total Direct Non-Salary Costs _____

D) Fixed Fee

The Fixed fee is: % _____

See Schedule 2.10(h) for how the fixed fee should be claimed.

Schedule 2.11(f) (1 of 3)

Unit Price Subcontracts
Work Assignment #D004440-1A

A. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Queen City Imaging (WBE)	Copying/Binding	$4,193	$210

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Copying/Binding	$250.00 /Each	16.772	$4,193

Subtotal Subcontract Price	$4,193
Subcontract Management Fee	$210
TOTAL	$4,403

B. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Mitkem Corporation (MBE)	Analytical Services	$7,307	$365

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Soil Sample Analysis			
TCL SVOCs by 8270C	$149.00 /Each	3	$447
Dioxins/Furans by 8290	$800.00 /Each	3	$2,400
RCRA Metals by 6010B/7471A	$48.00 /Each	3	$144
Full TCLP	$575.00 /Each	2	$1,150
RCRA Characteristics	$105.00 /Each	4	$420
GW Sample Analysis			
TCL VOCs by 8260B	$69.00 /Each	4	$276
TCL SVOCs by 8270C	$149.00 /Each	3	$447
Dioxins/Furans by 8290	$799.00 /Each	1	$799
TAL Metals by ILM04.1	$89.00 /Each	3	$267
TDS/TSS	$30.00 /Each	3	$90
Pest/PCBs by 8081A/8082	$129.00 /Each	3	$387
Oil & Grease 413.1	$65.00 /Each	3	$195
RCRA Charateristics	$95.00 /Each	3	$285

Subtotal Subcontract Price	$7,307
Subcontract Management Fee	$365
TOTAL	$7,672

Schedule 2.11(f) (2 of 3)

Unit Price Subcontracts
Work Assignment #D004440-1A

C. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Joanne Darcy Crum (WBE)	Survey	$3,150	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Survey	$3,150.00 /Lump Sum	1	$3,150

Subtotal Subcontract Price	$3,150
Subcontract Management Fee	
TOTAL	$3,150

D. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
American Auger (WBE)	Test Trenching	$2,700	$135

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob/Demob	$1,750.00 /Lump Sum	1	$1,750
Plastic Sheeting	$150.00 /Day	1	$150
Backhoe w/ operator	$100.00 /hour	3	$300
Steam Cleaner	$150.00 /day	1	$150
Decon Pad	$350.00 /each	1	$350
DOT 55 gal Drums	$38.00 /each		

Subtotal Subcontract Price	$2,700
Subcontract Management Fee	$135
TOTAL	$2,835

Schedule 2.11(f) (3 of 3)

Unit Price Subcontracts
Work Assignment #D004440-1A

E. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Hampton-Clarke, Inc. (WBE)	IDW Disposal		

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
IDW Disposal			
Transportation	$575.00 /lump sum		
Plastic Sheeting/PPE Drum	$75.00 /drum		
Decon Water Drum	$340.00 /drum		

Subtotal Subcontract Price	
Subcontract Management Fee	
TOTAL	

F. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
EMSL	Asbestos Analysis	$83	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Asbestos Analysis	$83.00 /each	1	$83

Subtotal Subcontract Price	$83
Subcontract Management Fee	
TOTAL	$83

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
All Tasks
Complete %

Date Prepared 03/19/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$48,836	$48,836
2. Indirect Costs (125.9%)							$61,484	$61,484
3. Subtotal Direct Salary Costs and Indirect Costs							$110,320	$110,320
4. Travel							$6,104	$6,104
5. Other Non-Salary Costs							$1,792	$1,792
6. Subtotal Direct Non-Salary Costs							$7,895	$7,895
7. Subcontractors							$18,143	$18,143
8. Total WA Cost							$136,358	$136,358
9. Fixed Fee							$15,630	$15,630
10. Total Work Price							$151,988	$151,988

Project Manager (Engineer) _____ *DATE:* _____

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
All Tasks
Complete %

Date Prepared 03/19/08
Billing Period
Invoice No.

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontract

Subcontract Name	A Subcontract Cost Claimed this Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs to Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Cost to Date (C plus F)
1 Queen City Imaging (WBE)				$4,193	$210		
2 Mitkem Corporation (MBE)				$7,307	$365		
3 Joanne Darcy Crum (WBE)				$3,150			
4 American Auger (WBE)				$2,700	$135		
5 Hampton-Clarke, Inc. (WBE)							
6 EMSL				$83			
7							
8							
9							
10							
12							
13							
14							
15							
16							
18							
19							
20							
21							
22							
24							
25							
26							
27							
28							
30							
31							
TOTALS				$17,433	$710		

Project Manager (Engineer) _____ DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
Task 1 - Work Plan Development (2006 rate)
Complete %

Date Prepared 03/19/08
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$4,824	$4,824
2. Indirect Costs (125.9%)							$6,074	$6,074
3. Subtotal Direct Salary Costs and Indirect Costs							$10,898	$10,898
4. Travel							$218	$218
5. Other Non-Salary Costs								
6. Subtotal Direct Non-Salary Costs							$218	$218
7. Subcontractors								
8. Total WA Cost							$11,116	$11,116
9. Fixed Fee							$1,453	$1,453
10. Total Work Price							$12,569	$12,569

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
Task 2 - Remedial Alternative Cost Estimate (2006 rate)
Complete %

Page_4 of _8
Date Prepared 03/19/08
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$3,658	$3,658
2. Indirect Costs (125.9%)							$4,605	$4,605
3. Subtotal Direct Salary Costs and Indirect Costs							$8,263	$8,263
4. Travel								
5. Other Non-Salary Costs								
6. Subtotal Direct Non-Salary Costs								
7. Subcontractors							$100	$100
8. Total WA Cost							$8,362	$8,362
9. Fixed Fee							$1,178	$1,178
10. Total Work Price							$9,540	$9,540

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
Task 3 - Pre-Design Field Activities (2006 rate)
Complete %

Date Prepared 03/19/08
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$7,254	$7,254
2. Indirect Costs (125.9%)							$9,133	$9,133
3. Subtotal Direct Salary Costs and Indirect Costs							$16,387	$16,387
4. Travel							$292	$292
5. Other Non-Salary Costs							$710	$710
6. Subtotal Direct Non-Salary Costs							$1,002	$1,002
7. Subcontractors							$14,096	$14,096
8. Total WA Cost							$31,485	$31,485
9. Fixed Fee							$2,010	$2,010
10. Total Work Price							$33,495	$33,495

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
Task 4 - Plans and Specifications (2006 rate)
Complete %

Date Prepared 03/19/08
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$18,832	$18,832
2. Indirect Costs (125.9%)							$23,709	$23,709
3. Subtotal Direct Salary Costs and Indirect Costs							$42,541	$42,541
4. Travel								
5. Other Non-Salary Costs							$332	$332
6. Subtotal Direct Non-Salary Costs							$332	$332
7. Subcontractors							$3,556	$3,556
8. Total WA Cost							$46,429	$46,429
9. Fixed Fee							$7,121	$7,121
10. Total Work Price							$53,550	$53,550

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
Task 5 - Pre-Award Services (2006 rate)
Complete %

Date Prepared 03/19/08
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							$5,443	$5,443
2. Indirect Costs (125.9%)							$6,853	$6,853
3. Subtotal Direct Salary Costs and Indirect Costs							$12,295	$12,295
4. Travel							$441	$441
5. Other Non-Salary Costs							$75	$75
6. Subtotal Direct Non-Salary Costs							$516	$516
7. Subcontractors							$391	$391
8. Total WA Cost							$13,202	$13,202
9. Fixed Fee							$1,475	$1,475
10. Total Work Price							$14,677	$14,677

Project Manager (Engineer) _____ *DATE:* _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Corporation
Contract D004440-1
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A
Task 6 - Construction Phase Services (2008 Rate)
Complete %

Date Prepared 03/19/08
Billing Period
Invoice No.

Expenditure Category Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approval Budget	H Estimated Over/Under (G-F)
1. Direct Salary Costs							$8,825	$8,825
2. Indirect Costs (125.9%)							$11,111	$11,111
3. Subtotal Direct Salary Costs and Indirect Costs							$19,937	$19,937
4. Travel							$5,153	$5,153
5. Other Non-Salary Costs							$675	$675
6. Subtotal Direct Non-Salary Costs							$5,828	$5,828
7. Subcontractors								
8. Total WA Cost							$25,765	$25,765
9. Fixed Fee							$2,392	$2,392
10. Total Work Price							$28,157	$28,157

Project Manager (Engineer) _____

DATE: _____

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

URS Corporation
Camp Pharsalia Remedial Design
Work Assignment #D004440-1A

Date Prepared 03/19/08
Billing Period
Invoice No.

NSPE Labor Classification	IX EXP / EST*	VIII EXP / EST	VII EXP / EST	VI EXP / EST	V EXP / EST	IV EXP / EST	III EXP / EST	II EXP / EST	I EXP / EST	ADMIN EXP / EST	Total No. of Direct EXP / EST
Task 1 - Work Plan Development (2006 rate)	/ 2	/ 6	/ 30	/	/ 70	/	/ 16	/ 11	/	/ 4	/ 139
Task 2 - Remedial Alternative Cost Estimate (2006 rate)	/	/ 4	/ 29	/	/ 49	/	/ 16	/	/	/ 7	/ 105
Task 3 - Pre-Design Field Activities (2006 rate)	/	/ 4	/ 30	/ 8	/ 101	/ 30	/ 31	/ 15	/ 4	/ 1	/ 224
Task 4 - Plans and Specifications (2006 rate)	/ 3	/ 13	/ 92	/ 98	/ 100	/ 87	/ 101	/ 52	/ 10	/ 32	/ 588
Task 5 - Pre-Award Services (2006 rate)	/ 1	/ 6	/ 58	/ 30	/ 32	/	/	/	/ 4	/ 4	/ 135
Task 6 - Construction Phase Services (2008 Rate)	/ 1	/ 2	/ 40	/ 40	/ 30	/ 123	/	/ 9	/ 7	/ 8	/ 260
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
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	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
TOTAL HOURS:	/ 7	/ 35	/ 279	/ 176	/ 382	/ 240	/ 164	/ 87	/ 25	/ 56	/ 1451

*Expended/Estimated

Schedule 2.11(i)

Monthly Cost Control Report
Equipment Inventory Control Form *

Engineer **Contract No.** D004440-1A

1) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

2) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

3) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

4) Equipment Description:
   Date of Purchase:
   Purchase Price:
   Dates and Location of Use Since Last Report:(Identify WA)
   Present Storage Location:
   Condition of Equipment:
   Responsible Person and Phone No.:

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

D004440 WA-1

PROJECT NAME: Camp Pharsalia Site, Site No. 7-09-013	WA #: D004440-1

TO: Dale A. Desnoyers $9646

The attached Work Plan is submitted for your approval. It has been checked and approved by:

	Name	*Initials*	*Date*
Project Manager (scope, level-of-effort, subcontracting).	Kevin Sarnowicz	KS	6/19/06
Contract Manager/Cost Reviewer (conformance with contract, protocols, and cost reasonableness).	Laurie Rizzo	lmr	6/15/06
M/WBE Unit	Brenda Moulhem	BJM	6/19/06
Chief, Contracts Section	Swapan Gupta	SG	6/21/06
T. Wolosen, Fiscal Management Section	Tim Wolosen	[illegible]	6/27/06
Bureau Director	Donna Weigel	DW	6/28/06

PLEASE CALL THERESA COUSER AT 2-9764 AFTER SIGN-OFF

JUN 19 2006

From: Theresa Couser
To: Burke, James; Don_Hunt@urscorp.com; Moulhem, Brenda; Peachey, Mary Jane; Quinn, James; Rizzo, Laurie; Sarnowicz, Kevin; Smith, P. David; Wolosen, Tim
Date: 6/28/2006 3:40:12 PM
Subject: Wk Plan Approval Camp Pharslia Site, Site No. 7-09-013

The attached electronic copy, Camp Pharsalia Site No. 7-09-013 was signed by Dale Desnoyers on June 28, 2006.

This email copies you on correspondence from the New York State Department of Environmental Conservation, Division of Environmental Remediation. Electronic attachments, may be attached. A hard copy version will not follow in the mail. Please contact Theresa Couser at (518) 402-9711 if you experience problems with this transmission.

New York State Department of Environmental Conservation
Division of Environmental Remediation, 12th Floor
625 Broadway, Albany, New York 12233-7011
Phone: (518) 402-9706 • **FAX:** (518) 402-9020
Website: www.dec.state.ny.us

June 28, 2006

Mr. Donald Hunt, P.E.
URS Corporation
77 Goodell Street
Buffalo, New York 14203

RE: State Superfund Standby Contract
Work Plan Approval
Work Assignment #D004440-1
Camp Pharsalia Site, Site No. 7-09-013

Dear Mr. Hunt:

This is to acknowledge receipt of the work plan dated May 2006 for the above-referenced project. The subject work plan is for Tasks 1 and 2 of the remedial design at the above-mentioned site. The Department hereby approves the work plan and authorizes URS Corporation to proceed with the project.

The following constitutes the budget for this work assignment (WA):

Prior approved work plan budget	$ -0-
Approved increase in budget for this work plan	$ 151,988
Total work assignment budget	**$ 151,988**

You are authorized to expend only approved work plan budget funds. Payments cannot be processed until the encumbrance of monies for this WA is approved by the Office of the State Comptroller (OSC). This process takes approximately four weeks.

Your firm is hereby given notice to proceed with the work described in this work assignment. All work described shall be completed according to the schedule in the approved work plan.

If you have any questions or comments, please contact Kevin Sarnowicz, Project Manager, at (518) 402-9774.

Sincerely,

Dale A. Desnoyers

Dale A. Desnoyers
Director
Division of Environmental Remediation

Enclosure

ec: K. Sarnowicz
L. Rizzo

ec: P. D. Smith
J. Quinn
M. J. Peachey
J. Burke
B. Moulhem
T. Wolosen
Don_Hunt@urscorp.com

New York State Department of Environmental Conservation
Division of Environmental Remediation, 12th Floor
625 Broadway, Albany, New York 12233-7011
Phone: (518) 402-9706 • **FAX:** (518) 402-9020
Website: www.dec.state.ny.us

Denise M. Sheehan
Commissioner

JUN 28 2006

Mr. Donald Hunt, P.E.
URS Corporation
77 Goodell Street
Buffalo, New York 14203

RE: State Superfund Standby Contract
Work Plan Approval
Work Assignment #D004440-1
Camp Pharsalia Site, Site No. 7-09-013

Dear Mr. Hunt:

This is to acknowledge receipt of the work plan dated May 2006 for the above-referenced project. The subject work plan is for Tasks 1 and 2 of the remedial design at the above-mentioned site. The Department hereby approves the work plan and authorizes URS Corporation to proceed with the project.

The following constitutes the budget for this work assignment (WA):

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Your firm is hereby given notice to proceed with the work described in this work assignment. All work described shall be completed according to the schedule in the approved work plan.

If you have any questions or comments, please contact Kevin Sarnowicz, Project Manager, at (518) 402-9774.

Sincerely,

Dale A. Desnoyers
Director
Division of Environmental Remediation

Enclosure

ec: K. Sarnowicz
L. Rizzo

ec: P. D. Smith
J. Quinn
M. J. Peachey
J. Burke
B. Moulhem
T. Wolosen
Don_Hunt@urscorp.com

From: Sal Ervolina
To: Smith, P. David
Date: 6/9/2006 2:42:32 PM
Subject: Re: Fwd: Camp Georgetown and Pharsalia Conceptual Approval

I approve the conceptual approval memo to revise the remedial design work plan for the Camp Georgetown and Pharsalia sites.

>>> P. David Smith 06/07/06 9:17 AM >>>
Hi Sal,

Attached for your approval are revised conceptual approval memos for remedial design for the subject sites. Conceptual approval was previously granted for these designs, but BPM has requested a new conceptual approval due to re-budgeting of amounts greater than $25,000. This addition of money to the design budget is to pay for efforts toward a ROD amendment and to address several issues identified during pre-design site walkover. Details are included in the memo.

Please let me know if you have any questions.

P. David Smith
Phone: 518-402-9768
Fax: 518-402-9020

CC: Finlayson, David; Gupta, Swapan; Haggerty, Elizabeth; Quinn, James; Sarnowicz, Kevin; Weigel, Donna; Wolosen, Tim

From: Kevin Sarnowicz
To: Rizzo, Laurie
Date: 6/9/2006 3:37:06 PM
Subject: Re: Fwd: Camp Georgetown and Pharsalia Conceptual Approval

Laurie,
The work plans have been amended and you have copies of them. I stopped by and chnaged the pages a couple weeks ago.
Kevin

>>> Laurie Rizzo 06/09/06 3:19 PM >>>
yes, Can you please forward the amended workplans thanks

>>> Kevin Sarnowicz 06/09/06 2:50 PM >>>
Laurie,
I have just gotten conceptual approval from Sal for Camp Georgetown and Camp Pharsalia. Can you now send the notice to proceed letters to URS for these projects to proceed with only **Task 1&2** of the Work Plan at this time.
Thanks,
Kevin

From: Laurie Rizzo
To: Sarnowicz, Kevin
Date: 5/16/2006 11:34:18 AM
Subject: Pharsalia and Georgetown

Kevin,

I understand that work assignments for the above sites were to be amended when a new ROD is issued. Has the ROD been issued yet? Any estimates on when you'll have the new work assignments ready? They are work assignments no. 4440-1 and 4440-2.

Laurie

STATE SUPERFUND STANDBY CONTRACT WORK ASSIGNMENT
REMEDIAL DESIGN PROJECT
CONTRACT TYPE: COST PLUS FIXED FEE

Site Name: Camp Pharsalia Site (7-09-013)
Site Location: Pharsalia, Chenango County
NYSDEC Project Manager: Kevin Sarnowicz
Telephone:(518) 402-9768

Site Location and Description

The site is located within the Camp Pharsalia Incarceration Facility, an active New York State Department of Correctional Services (NYSDCS) facility, located in the Town of Pharsalia, Chenango County. The 25 acre property is owned by the NYSDEC, but operated by NYSDCS. The inactive hazardous waste site occupies approximately 0.25 acres, in the southwest portion of the property. The site consists of a one story wood-framed former wood treatment building and surrounding grassy area. The site is immediately bordered by the correctional facility to the north, an old Civilian Conservation Corps Truck Trail on the east, and state-owned land on the south and west. The surrounding land is rural, and primary uses are residential and agricultural. The nearest private residence is approximately one quarter mile northeast of the site.

History and Background

Incarceration facility inmates participate in various work programs. One of the work activities formerly performed by the Camp Pharsalia inmates was a sawmill and wood treatment operation. The treatment plant was constructed for a dip tank process. The plant operated from approximately 1960 to 1977. Seasoned wood poles were staged on the east end of the treatment building. The logs were moved by an overhead hoist into the treatment building and placed in the dip tank. The top of the dip tank was at floor level. Wood was treated using a pentachlorophenol (PCP) solution consisting of approximately one part PCP, to eleven parts fuel oil.

After treatment, the poles would be raised from the dip tank and remain over the tank for approximately four hours. This would allow most of the unabsorbed product to drip back into the dip tank. The poles were then moved to one of the areas designated for the storage of treated posts outside the treatment building. Drums of PCP were reportedly stored on the west side of the treatment building. The fuel oil used in the treatment process was stored inside the treatment building in tanks.

Remedial History

The Camp Pharsalia site is a NYSDCS facility currently under investigation by the NYSDEC due to former wood treatment operations. It is an active incarceration facility operated by the NYSDCS, and located on property under the jurisdiction of the NYSDEC. The NYSDCS

provided the funding for building construction at the Camp and provides for the maintenance and security. The NYSDEC provides the work programs, technical forestry staff to supervise work, and tools and equipment required to carry out the work. The wood treatment program was developed to provide lumber and round poles for NYSDEC construction and maintenance projects. The pole treatment plants, however, are no longer in operation. Wood treatment at Camp Pharsalia was discontinued in 1977.

In October of 1997 the NYSDEC Division of Operations requested that the Division of Environmental Remediation (DER) perform an environmental investigation at Camp Pharsalia.

The DER completed a Preliminary Investigation (PI) at Camp Pharsalia in 1999. The PI consisted of the excavation of 13 test pits, the installation and sampling of 5 monitoring wells and the collection of 33 surface soil, 3 sediment and 25 subsurface soil samples. The investigation found PCP in the soil directly below the treatment building and the area extending to the west of the building. The soil under the building was also tested for dioxin, a common impurity in PCP, which was found to be above cleanup criteria. Based on these findings, in December of 1999, the NYSDEC listed the Camp Pharsalia site on the State's Registry of Inactive Hazardous Waste Disposal Sites. The site was designated a Class 3 site, which is defined as a site which "Does not present a significant threat to the public health or the environment - action may be deferred."

In 2001, the NYSDEC initiated a Remedial Investigation/Feasibility Study (RI/FS) for the Camp Pharsalia site. The RI was developed to build on the information generated during the PI and to help fully delineate the extent of contamination known to exist.

Summary of the Selected Remedy

The NYSDEC has selected Containment - Low Permeability Cover System (LPCS) as the remedy for this site. The elements of this remedy are described at the end of this section. The selected remedy is based on the results of the PI, RI and the evaluation of alternatives presented in the FS.

This remedy has been selected because it will achieve the remediation goals for the site by effectively preventing direct contact or potential ingestion of contaminated soil (the potential human health pathways) and erosion or infiltration (the primary mechanisms for contaminant migration).

The elements of the selected remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.

2. Demolition and offsite disposal of the former treatment building.

3. Placement of a LPCS including: (a) Vegetative Layer – approximately 6 inches of topsoil that serves to reduce erosion, (b) Low Permeability Layer – approximately 12 inches of

compacted clay to reduce infiltration into the impacted media; and (c) Geosynthetic Demarcation Barrier - a geotextile fabric between the cap and the fill material to serve as a demarcation between the clean and contaminated materials.

4. The site will be restored by grading to insure proper drainage, placement of additonal topsoil as necessary, and seeding.

5. A soils management plan will be developed to address residual contaminated soils that may be excavated from the site during future redevelopment. The plan will require soil characterization and, where applicable, disposal/reuse in accordance with NYSDEC regulations.

6. An institutional control will be imposed, in such form as the NYSDEC may approve, that will require compliance with the approved soils management plan.

7. Institutional controls will be imposed in the form of existing use and development restrictions preventing the use of overburden groundwater as a source of potable or process water without necessary water quality treatment as determined by the Chenango County Department of Health Services.

8. The NYSDEC Division of Operations, or any successor in title, will complete a periodic certification until it is determined that a certification is no longer needed. This submittal will contain certification that the institutional controls and engineering controls put in place, pursuant to the Record of Decision, are still in place, have not been altered, and are still effective.

9. Since the remedy results in untreated hazardous waste remaining at the site, a long term groundwater monitoring program will be instituted which will include the monitoring well network and the on-site water supply wells.

10. A notification will be sent to the county clerk for filing, to notify future owners of the residual contaminants remaining in the soil on the site.

Scope of Work

The Engineer shall prepare detailed plans and specifications, to use in competitive bidding for the remedial construction of the selected remedial alternative, in conformance with New York State laws, rules, regulations, and guidelines.

The following is a summary of what shall be incorporated/addressed as part of the Remedial Design:

Major Elements of the Remedial Design

- Full-scale design of building demolition and its contents.
- Removal of building demolition debris.

- Full-scale design of excavation of area to be covered by the cap.
- Full-scale design of the LPCS.
- Restoring the site by grading to insure proper drainage, placement of additional topsoil as necessary, and seeding.
- Development of a site management plan.

Task 1: Work Plan Development

Upon receipt of the Work Assignment (WA), the consultant's Project Manager shall contact the NYSDEC Project Manager to discuss and verify the work to be completed prior to the scoping meeting.

Subtask 1.1: Background Review and Site Visit:

As necessary, the engineer shall review the following reports to gain a thorough understanding of the site conditions and components of the selected design. This task will also include a site visit by the NYSDEC Project Manager and the Engineer.

1. Record of Decision, March 2003
2. Proposed Remedial Action Plan, February 2003.
3. Final Remedial Investigation Report (RI), February 26, 2003.
4. Final Feasibility Study (FS), February 26, 2003.
5. Remedial Investigation/Feasibility Study (RI/FS) Work Plan, October 2001.
6. Preliminary Investigation Report, August 1999.
7. Preliminary Site Assessment Work Plan, May 1998.

Subtask 1.2: Scoping Session and Project Management Work Plan (PMWP)

1.2.1: Scoping Session

A scoping session will be held at NYSDEC's headquarters in Albany following the site visit and the record review, but within three weeks of the receipt of the WA. At least two days prior to the scoping session, the consultant shall submit three copies of the preliminary PMWP to the NYSDEC Project Manager and one copy to the NYSDOH project contact. The preliminary PMWP will include the scope of work given in this work assignment and any modifications which are consistent with the project budget and schedule. A preliminary budget and a staffing plan should also be included in the PMWP. The preliminary budget should include the summary

of work assignment price, the direct labor hours budgeted, and the monthly cost control report including subcontractor fees.

Based upon the existing records review, the consultant shall present a summary of information regarding the approach to be taken for the design of the selected remedy. The scope of work for any pre-design field investigations (to the extent necessary, see Task 2), including the number of environmental samples, sample locations, method of sampling, type of analysis, and QA/QC requirements should be included. As a rule, Analytical Service Protocol (ASP), latest version, must be followed unless otherwise directed by the NYSDEC. The project schedule will be agreed upon during this meeting. Any significant issues regarding the overall project will be resolved at this time.

1.2.2: Project Management Work Plan

A revised Project Management Work Plan will be delivered within three weeks of the scoping session. It will include:

- A complete scope of work.
- A complete budget package. This will include a detailed level of effort and budget for Task 1 and a preliminary estimate of the level and budget for Tasks 2-5.
- A WA progress schedule, including milestones and deliverables.
- A Project Staffing Plan, identifying key management and technical staff to be assigned to conduct the work elements, including resumes and a listing of their areas of specialization and project responsibilities.
- A minority and women business (M/WBE) and equal employment opportunity (EEO) Utilization Plan, including identification of work items to be subcontracted.
- An outline of the Field Activities Plan (FAP) which summarizes the number and location of the environmental samples to be obtained in conjunction with the design program. It should rely on tables and figures for demonstrating the plan. This plan will also include the names and addresses of all property owners that the NYSDEC must contact to properly obtain access. The FAP will also include a site-specific Health and Safety Plan (HASP) and site-specific Quality Assurance Project Plan (QAPP). A Data Usability Summary Report (DUSR) will be required for select groundwater and soil samples collected during pre-design activities.

Once completed, the final PMWP will include the project scope of work, the final budget, the project schedule, the staffing plan, the M/WBE and EEO utilization plan, and the final FAP with supporting HASP and QAPP. The final budget will include all subcontractor fees supported by quotes. The final PMWP will be submitted within three weeks of the Department's review of the revised PMWP. Once the final PMWP is approved by the Department, the consultant will submit seven (7) complete copies for distribution. A Notice to Proceed (NTP) will be issued for the

remainder of the Work Assignment. The total time for the NTP to be issued to the consultant should not exceed 90 days after the issuance of the WA unless extenuating circumstances are encountered.

Task 2: Pre-Design Field Activities

After work plan approval and issuance of the NTP, the Engineer shall be required to start field activities including pre-excavation delineation sampling to collect data to accurately estimate the total volume of soil to be removed. An asbestos and lead paint survey should be performed for the various building materials during the pre-design investigation to assess appropriate disposal methods for the building debris, per the schedule provided in the approved work plan. The Engineer shall be responsible for providing on-site field oversight of subcontractors, preparing daily field logs, evaluating data and preparing a report which describes the findings, conclusions and recommendations. The Engineer shall evaluate this new information in conjunction with existing site data to determine if any additional data is required to support design of the remedy.

Note the Engineer is responsible for determining that the analytical laboratory has and maintains NYSDOH ELAP certification in all categories of CLP and Solid and Hazardous Waste analytical testing for the duration of the project. Select data submittals shall include "Category B" deliverables and Data Usability Summary Report on the selected data as identified in the approved work plan.

Task 3: Plans and Specifications:

The Engineer shall prepare complete plans and specifications to be used in competitively bidding the construction, operation, and maintenance of the selected remedy in conformance with New York State and applicable federal laws, rules, regulations, and guidelines. This submittal will include a complete design for the complete building demolition, soil excavation, building demolition removal, backfilling the excavated area, placement of topsoil, seed and mulch, and OM&M. The Engineer will utilize the Department's standard construction contract clauses and format (issued 12/2003) to prepare contract documents. Included in this task will be the development of minimum requirements for the construction quality assurance/health and safety plans (the plans themselves will be prepared by the construction contractor).

The Engineer will be responsible for obtaining all necessary surveys to allow for the NYSDEC temporary and long-term easements.

Subtask 3.1 Preliminary Design:

As the design progresses, the Engineer shall prepare a Design Report that describes the major elements of the project, the basis of design, supporting data, documentation, design calculations, assumptions, and uncertainties. Corresponding portions of the Design Report will be submitted along with each major submittal of the plans and specifications (i.e., 30%, 60% (if required), and final design).

The Engineer shall submit to the NYSDEC six copies of preliminary construction plans and specifications when the design is 30% complete. The Engineer shall have verified the existing field conditions. Supporting data, documentation, and design calculations shall be provided with the design documents defining the functional aspects of the project and how it complies with any applicable regulations (air permit calculations, wastewater discharge requirements, etc.). County deed records (to the extent necessary and currently available) must be searched and reviewed to identify all potentially impacted property owners, and/or those parties with property rights, and an updated tax map must be provided to the NYSDEC. A preliminary listing of all temporary and permanent easements, right of ways and permits necessary in order to implement the proposed remedial design and associated operation and maintenance must be provided.

Additionally, all non-property permits with which the design must be in substantive compliance (e.g. Article 15, Stream Protection, Air Pollution Permit, Part 360 requirements, etc.) must be identified. The preliminary design must also demonstrate substantive compliance when necessary. Note this may include a completed permit application(s) with supporting data/information.

A schedule for meeting the critical access and permit requirements to allow bidding the project must be developed in cooperation with the DEC Project Manager, and agreement reached as to who (DEC or the Consultant) will be responsible for obtaining required permits, completing applications and obtaining access agreements. This information must be updated, as appropriate, in subsequent design submissions. Coordination with the DEC Project Manager is important to insure DEC has secured all necessary access agreements, right of ways and permits by the time of design completion and preparation of final bid documents.

Subtask 3.2 Intermediate Design:

At the option of the Department, the Engineer shall submit to the NYSDEC three copies of intermediate construction plans and specifications when the design is 60% complete. The work assignment budget shall reflect the difference in the overall project cost if this submittal is not required.

Subtask 3.3 Final Design:

Upon completion of the design documents, the Engineer shall submit to the NYSDEC for review, seven copies of the final plans, and specifications including an electronic copy of the report in Adobe Acrobat (PDF) format. Prior to this submittal, the Engineer shall have thoroughly coordinated and cross-checked the bid form, specifications, and drawings to ensure consistency with the contract documents. Written documents will be provided by the NYSDEC describing the changes required to consider the plans and specifications acceptable for bidding. The Final Design must bear the seal and signature of a professional engineer registered to practice in New York State.

Along with the final design, the Engineer shall submit a Limited Site Data Summary Report that will be issued along with the bid documents to bidders for their information. This report will include a summary of the site conditions and analytical data available to help bidders understand the requirements of the project.

URS

May 5, 2006

Mr. Ralph Burger
Contract Development Section
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7010

RE: NYSDEC STANDBY CONTRACT; W.A. D004440-1
CAMP PHARSALIA, SITE NO. 7-19-013
FINAL PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE
FOR REMEDIAL DESIGN

Dear Mr. Burger:

URS Corporation is pleased to submit seven double-sided copies of the Final Project Management Work Plan (PMWP) for the above-referenced project.

URS has addressed the comments on the Draft PMWP, which the Department conveyed to us in a letter dated April 26, 2006.

Should you have any questions, please contact me.

Very truly yours,

URS Corporation

C. Dusel

Charles E. Dusel, Jr.
Sr. Project Manager

Enc.

cc: K. Sarnowicz – NYSDEC (Albany)
File: 11174439 (C-1)

URS Corporation
77 Goodell Street
Buffalo, NY 14203
Tel: 716.856.5636
Fax: 716.856.2545

Laurie - Here's another for DBG.

Dottie

From: Sal Ervolina
To: Smith, P. David
Date: 8/30/2005 5:51:00 PM
Subject: Re: Camp Pharsalia #709013

I approve the conceptual approval memo for the remedial design at the Camp Pharsalia site.

>>> P. David Smith 8/26/2005 9:24:32 AM >>>
Hi Sal,

Attached for your approval is a conceptual approval memo for the remedial design for the Camp Pharsalia site.

I recommend that you conceptually approve the work assignment for the design of the remedy since this work is necessary and reasonable. I understand that there are design funds available in the Department's budget for this work.

P. David Smith
NYSDEC
625 Broadway
Albany, NY 12233-7016
Phone: 518-402-9768
Fax: 518-402-9020

CC: Betty Haggerty; Norvik, Dottie; Quinn, James; Sarnowicz, Kevin; Weigel, Donna; Wolosen, Tim; Zeppetelli, Laura

From: P. David Smith
To: Ervolina, Sal
Date: 8/26/2005 9:24:37 AM
Subject: Camp Pharsalia #709013

Hi Sal,

Attached for your approval is a conceptual approval memo for the remedial design for the Camp Pharsalia site.

I recommend that you conceptually approve the work assignment for the design of the remedy since this work is necessary and reasonable. I understand that there are design funds available in the Department's budget for this work.

P. David Smith
NYSDEC
625 Broadway
Albany, NY 12233-7016
Phone: 518-402-9768
Fax: 518-402-9020

CC: Norvik, Dottie; Quinn, James; Sarnowicz, Kevin; Weigel, Donna; Wolosen, Tim

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B, 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9768 • **FAX:** (518) 402-9773
Website: www.dec.state.ny.us

Denise M. Sheehan
Acting Commissioner

MEMORANDUM

TO: Salvatore Ervolina, Assistant Director, DER

FROM: P. David Smith, Director, Remedial Bureau B

SUBJECT: Conceptual Approval Memorandum for Camp Pharsalia Remedial Design, Pharsalia, Chenango County, Site No. 7-09-013

DATE:

Site Name, No., and Location: Camp Pharsalia, Site No. 7-09-013, Chenango County

Program Element: Remedial Design

Project Duration: September 2005 - May 2006

Contractor Preference: Proposed work assignment budget for remedial design.

Estimated WA Budget: The cost estimate for this work assignment is $46,395. This includes any additional pre-design sampling that may be necessary.

Funding Source: NYS Superfund (NYS Budget)

Brief Project Description: This memo is to seek your conceptual approval for a remedial design budget of $46,395.

The site is located within the Camp Pharsalia Incarceration Facility, an active New York State Department of Correctional Services (NYSDCS) facility. The 25 acre property is owned by the NYSDEC, but operated by NYSDCS. The inactive hazardous waste site occupies approximately 0.25 acres, in the southwest portion of the property. The site consists of a one story wood-framed former wood treatment building and surrounding grassy area.

A sawmill and wood treatment operation operated from approximately 1960 to 1977. Seasoned wood poles were staged on the east end of the treatment building. The logs were moved by an overhead hoist into the treatment building and placed in the dip tank. The top of the dip tank was at floor level. Wood was treated using a pentachlorophenol (PCP) solution consisting of approximately one part PCP, to eleven parts fuel oil.

To eliminated the significant threat to human health and the environment Containment - Low Permeability Cover System (LPCS) has been selected as the remedy for the site. A remedial design program is necessary to provide the details necessary for the construction of the LPCS.

We recommend that you conceptually approve the work assignment for the design of the remedy since this work is necessary and reasonable.

cc: K. Sarnowicz
J. Quinn
T. Wolosen
D. Weigel
D. Norvik
Dayfile

C:\Camp Pharsalia conceptual approval memo_1.wpd

STATE SUPERFUND STANDBY CONTRACT WORK ASSIGNMENT
REMEDIAL DESIGN PROJECT
CONTRACT TYPE: COST PLUS FIXED FEE

Site Name: Camp Pharsalia Site (7-09-013)
Site Location: Pharsalia, Chenango County
NYSDEC Project Manager: Kevin Sarnowicz
Telephone:(518) 402-9768

Site Location and Description

The site is located within the Camp Pharsalia Incarceration Facility, an active New York State Department of Correctional Services (NYSDCS) facility, located in the Town of Pharsalia, Chenango County. The 25 acre property is owned by the NYSDEC, but operated by NYSDCS. The inactive hazardous waste site occupies approximately 0.25 acres, in the southwest portion of the property. The site consists of a one story wood-framed former wood treatment building and surrounding grassy area. The site is immediately bordered by the correctional facility to the north, an old Civilian Conservation Corps Truck Trail on the east, and state-owned land on the south and west. The surrounding land is rural, and primary uses are residential and agricultural. The nearest private residence is approximately one quarter mile northeast of the site.

History and Background

Incarceration facility inmates participate in various work programs. One of the work activities formerly performed by the Camp Pharsalia inmates was a sawmill and wood treatment operation. The treatment plant was constructed for a dip tank process. The plant operated from approximately 1960 to 1977. Seasoned wood poles were staged on the east end of the treatment building. The logs were moved by an overhead hoist into the treatment building and placed in the dip tank. The top of the dip tank was at floor level. Wood was treated using a pentachlorophenol (PCP) solution consisting of approximately one part PCP, to eleven parts fuel oil.

After treatment, the poles would be raised from the dip tank and remain over the tank for approximately four hours. This would allow most of the unabsorbed product to drip back into the dip tank. The poles were then moved to one of the areas designated for the storage of treated posts outside the treatment building. Drums of PCP were reportedly stored on the west side of the treatment building. The fuel oil used in the treatment process was stored inside the treatment building in tanks.

Remedial History

The Camp Pharsalia site is a NYSDCS facility currently under investigation by the NYSDEC due to former wood treatment operations. It is an active incarceration facility operated by the NYSDCS, and located on property under the jurisdiction of the NYSDEC. The NYSDCS provided the funding for building construction at the Camp and provides for the maintenance and security. The NYSDEC provides the work programs, technical forestry staff to supervise work, and tools and equipment required to carry out the work. The wood treatment program was developed to provide lumber and round poles for NYSDEC construction and maintenance projects. The pole treatment plants, however, are no longer in operation. Wood treatment at Camp Pharsalia was discontinued in 1977.

In October of 1997 the NYSDEC Division of Operations requested that the Division of Environmental Remediation (DER) perform an environmental investigation at Camp Pharsalia.

The DER completed a Preliminary Investigation (PI) at Camp Pharsalia in 1999. The PI consisted of the excavation of 13 test pits, the installation and sampling of 5 monitoring wells and the collection of 33 surface soil, 3 sediment and 25 subsurface soil samples. The investigation found PCP in the soil directly below the treatment building and the area extending to the west of the building. The soil under the building was also tested for dioxin, a common impurity in PCP, which was found to be above cleanup criteria. Based on these findings, in December of 1999, the NYSDEC listed the Camp Pharsalia site on the State's Registry of Inactive Hazardous Waste Disposal Sites. The site was designated a Class 3 site, which is defined as a site which "Does not present a significant threat to the public health or the environment - action may be deferred."

In 2001, the NYSDEC initiated a Remedial Investigation/Feasibility Study (RI/FS) for the Camp Pharsalia site. The RI was developed to build on the information generated during the PI and to help fully delineate the extent of contamination known to exist.

Summary of the Selected Remedy

The NYSDEC has selected Containment - Low Permeability Cover System (LPCS) as the remedy for this site. The elements of this remedy are described at the end of this section. The selected remedy is based on the results of the PI, RI and the evaluation of alternatives presented in the FS.

This remedy has been selected because it will achieve the remediation goals for the site by effectively preventing direct contact or potential ingestion of contaminated soil (the potential human health pathways) and erosion or infiltration (the primary mechanisms for contaminant migration).

The elements of the selected remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.

2. Demolition and offsite disposal of the former treatment building.

3. Placement of a LPCS including: (a) Vegetative Layer – approximately 6 inches of topsoil that serves to reduce erosion, (b) Low Permeability Layer – approximately 12 inches of compacted clay to reduce infiltration into the impacted media; and (c) Geosynthetic Demarcation Barrier - a geotextile fabric between the cap and the fill material to serve as a demarcation between the clean and contaminated materials.

4. The site will be restored by grading to insure proper drainage, placement of additonal topsoil as necessary, and seeding.

5. A soils management plan will be developed to address residual contaminated soils that may be excavated from the site during future redevelopment. The plan will require soil characterization and, where applicable, disposal/reuse in accordance with NYSDEC regulations.

6. An institutional control will be imposed, in such form as the NYSDEC may approve, that will require compliance with the approved soils management plan.

7. Institutional controls will be imposed in the form of existing use and development restrictions preventing the use of overburden groundwater as a source of potable or process water without necessary water quality treatment as determined by the Chenango County Department of Health Services.

8. The NYSDEC Division of Operations, or any successor in title, will complete a periodic certification until it is determined that a certification is no longer needed. This submittal will contain certification that the institutional controls and engineering controls put in place, pursuant to the Record of Decision, are still in place, have not been altered, and are still effective.

9. Since the remedy results in untreated hazardous waste remaining at the site, a long term groundwater monitoring program will be instituted which will include the monitoring well network and the on-site water supply wells.

10. A notification will be sent to the county clerk for filing, to notify future owners of the residual contaminants remaining in the soil on the site.

Scope of Work

The Engineer shall prepare detailed plans and specifications, to use in competitive bidding for the remedial construction of the selected remedial alternative, in conformance with New York State laws, rules, regulations, and guidelines.

The following is a summary of what shall be incorporated/addressed as part of the Remedial Design:

Major Elements of the Remedial Design

- Full-scale design of building demolition and its contents.
- Removal of building demolition debris.
- Full-scale design of excavation of area to be covered by the cap.
- Full-scale design of the LPCS.
- Restoring the site by grading to insure proper drainage, placement of additional topsoil as necessary, and seeding.
- Development of a site management plan.

Task 1: Work Plan Development

Upon receipt of the Work Assignment (WA), the consultant's Project Manager shall contact the NYSDEC Project Manager to discuss and verify the work to be completed prior to the scoping meeting.

Subtask 1.1: Background Review and Site Visit:

As necessary, the engineer shall review the following reports to gain a thorough understanding of the site conditions and components of the selected design. This task will also include a site visit by the NYSDEC Project Manager and the Engineer.

1. Record of Decision, March 2003
2. Proposed Remedial Action Plan, February 2003.
3. Final Remedial Investigation Report (RI), February 26, 2003.
4. Final Feasibility Study (FS), February 26, 2003.
5. Remedial Investigation/Feasibility Study (RI/FS) Work Plan, October 2001.

6. Preliminary Investigation Report, August 1999.

7. Preliminary Site Assessment Work Plan, May 1998.

Subtask 1.2: Scoping Session and Project Management Work Plan (PMWP)

1.2.1: Scoping Session

A scoping session will be held at NYSDEC's headquarters in Albany following the site visit and the record review, but within three weeks of the receipt of the WA. At least two days prior to the scoping session, the consultant shall submit three copies of the preliminary PMWP to the NYSDEC Project Manager and one copy to the NYSDOH project contact. The preliminary PMWP will include the scope of work given in this work assignment and any modifications which are consistent with the project budget and schedule. A preliminary budget and a staffing plan should also be included in the PMWP. The preliminary budget should include the summary of work assignment price, the direct labor hours budgeted, and the monthly cost control report including subcontractor fees.

Based upon the existing records review, the consultant shall present a summary of information regarding the approach to be taken for the design of the selected remedy. The scope of work for any pre-design field investigations (to the extent necessary, see Task 2), including the number of environmental samples, sample locations, method of sampling, type of analysis, and QA/QC requirements should be included. As a rule, Analytical Service Protocol (ASP), latest version, must be followed unless otherwise directed by the NYSDEC. The project schedule will be agreed upon during this meeting. Any significant issues regarding the overall project will be resolved at this time.

1.2.2: Project Management Work Plan

A revised Project Management Work Plan will be delivered within three weeks of the scoping session. It will include:

- A complete scope of work.
- A complete budget package. This will include a detailed level of effort and budget for Task 1 and a preliminary estimate of the level and budget for Tasks 2-5.
- A WA progress schedule, including milestones and deliverables.
- A Project Staffing Plan, identifying key management and technical staff to be assigned to conduct the work elements, including resumes and a listing of their areas of specialization and project responsibilities.
- A minority and women business (M/WBE) and equal employment opportunity

(EEO) Utilization Plan, including identification of work items to be subcontracted.

- An outline of the Field Activities Plan (FAP) which summarizes the number and location of the environmental samples to be obtained in conjunction with the design program. It should rely on tables and figures for demonstrating the plan. This plan will also include the names and addresses of all property owners that the NYSDEC must contact to properly obtain access. The FAP will also include a site-specific Health and Safety Plan (HASP) and site-specific Quality Assurance Project Plan (QAPP). A Data Usability Summary Report (DUSR) will be required for select groundwater and soil samples collected during pre-design activities.

Once completed, the final PMWP will include the project scope of work, the final budget, the project schedule, the staffing plan, the M/WBE and EEO utilization plan, and the final FAP with supporting HASP and QAPP. The final budget will include all subcontractor fees supported by quotes. The final PMWP will be submitted within three weeks of the Department's review of the revised PMWP. Once the final PMWP is approved by the Department, the consultant will submit seven (7) complete copies for distribution. A Notice to Proceed (NTP) will be issued for the remainder of the Work Assignment. The total time for the NTP to be issued to the consultant should not exceed 90 days after the issuance of the WA unless extenuating circumstances are encountered.

Task 2: Pre-Design Field Activities

After work plan approval and issuance of the NTP, the Engineer shall be required to start field activities including pre-excavation delineation sampling to collect data to accurately estimate the total volume of soil to be removed. An asbestos and lead paint survey should be performed for the various building materials during the pre-design investigation to assess appropriate disposal methods for the building debris, per the schedule provided in the approved work plan. The Engineer shall be responsible for providing on-site field oversight of subcontractors, preparing daily field logs, evaluating data and preparing a report which describes the findings, conclusions and recommendations. The Engineer shall evaluate this new information in conjunction with existing site data to determine if any additional data is required to support design of the remedy.

Note the Engineer is responsible for determining that the analytical laboratory has and maintains NYSDOH ELAP certification in all categories of CLP and Solid and Hazardous Waste analytical testing for the duration of the project. Select data submittals shall include "Category B" deliverables and Data Usability Summary Report on the selected data as identified in the approved work plan.

Task 3: Plans and Specifications:

The Engineer shall prepare complete plans and specifications to be used in competitively bidding

the construction, operation, and maintenance of the selected remedy in conformance with New York State and applicable federal laws, rules, regulations, and guidelines. This submittal will include a complete design for the complete building demolition, soil excavation, building demolition removal, backfilling the excavated area, placement of topsoil, seed and mulch, and OM&M. The Engineer will utilize the Department's standard construction contract clauses and format (issued 12/2003) to prepare contract documents. Included in this task will be the development of minimum requirements for the construction quality assurance/health and safety plans (the plans themselves will be prepared by the construction contractor).

The Engineer will be responsible for obtaining all necessary surveys to allow for the NYSDEC temporary and long-term easements.

Subtask 3.1 Preliminary Design:

As the design progresses, the Engineer shall prepare a Design Report that describes the major elements of the project, the basis of design, supporting data, documentation, design calculations, assumptions, and uncertainties. Corresponding portions of the Design Report will be submitted along with each major submittal of the plans and specifications (i.e., 30%, 60% (if required), and final design).

The Engineer shall submit to the NYSDEC six copies of preliminary construction plans and specifications when the design is 30% complete. The Engineer shall have verified the existing field conditions. Supporting data, documentation, and design calculations shall be provided with the design documents defining the functional aspects of the project and how it complies with any applicable regulations (air permit calculations, wastewater discharge requirements, etc.). County deed records (to the extent necessary and currently available) must be searched and reviewed to identify all potentially impacted property owners, and/or those parties with property rights, and an updated tax map must be provided to the NYSDEC. A preliminary listing of all temporary and permanent easements, right of ways and permits necessary in order to implement the proposed remedial design and associated operation and maintenance must be provided.

Additionally, all non-property permits with which the design must be in substantive compliance (e.g. Article 15, Stream Protection, Air Pollution Permit, Part 360 requirements, etc.) must be identified. The preliminary design must also demonstrate substantive compliance when necessary. Note this may include a completed permit application(s) with supporting data/information.

A schedule for meeting the critical access and permit requirements to allow bidding the project must be developed in cooperation with the DEC Project Manager, and agreement reached as to who (DEC or the Consultant) will be responsible for obtaining required permits, completing applications and obtaining access agreements. This information must be updated, as appropriate, in subsequent design submissions. Coordination with the DEC Project Manager is important to insure DEC has secured all necessary access agreements, right of ways and permits by the time of design completion and preparation of final bid documents.

Subtask 3.2 Intermediate Design:

At the option of the Department, the Engineer shall submit to the NYSDEC three copies of intermediate construction plans and specifications when the design is 60% complete. The work assignment budget shall reflect the difference in the overall project cost if this submittal is not required.

Subtask 3.3 Final Design:

Upon completion of the design documents, the Engineer shall submit to the NYSDEC for review, seven copies of the final plans, and specifications including an electronic copy of the report in Adobe Acrobat (PDF) format. Prior to this submittal, the Engineer shall have thoroughly coordinated and cross-checked the bid form, specifications, and drawings to ensure consistency with the contract documents. Written documents will be provided by the NYSDEC describing the changes required to consider the plans and specifications acceptable for bidding. The Final Design must bear the seal and signature of a professional engineer registered to practice in New York State.

Along with the final design, the Engineer shall submit a Limited Site Data Summary Report that will be issued along with the bid documents to bidders for their information. This report will include a summary of the site conditions and analytical data available to help bidders understand the requirements of the project.

After approval of the final design by the NYSDEC, the Engineer shall submit Fifty (50) copies of the plans, specifications, and limited Site Data Report.

Subtask 3.4 Project Cost Estimate:

At the final design stage the Engineer shall prepare a pre-bid construction, operation, and maintenance cost estimate for the project. The pre-bid estimate shall be supported by quantity take-off sheets and the basis for the development of unit and lump sum prices used in the estimate.

Task 4: Pre-award Services

These services are optional and will be exercised at the discretion of the Department. The Engineer shall provide support services to the NYSDEC for the purposes of competitively bidding the site remediation contract.

Subtask 4.1: Pre-Bid Conference and Public Meetings

The Engineer shall conduct a pre-bid conference with prospective bidders. At the pre-bid

conference the Engineer will emphasize to the prospective bidders important items of the project, provide a tour of the project site, answer any questions and prepare minutes of the meeting. The Engineer shall prepare any necessary addenda to the plans and specifications for the timely transmittal to prospective bidders. The Engineer shall respond to all questions from prospective bidders.

At the discretion of the NYSDEC, the Engineer will present at a public meeting and be prepared to answer any questions raised concerning the design of the project, construction techniques and project scheduling, and prepare meeting minutes.

Subtask 4.2: Bid Review

The Engineer shall review all plans required by the contract documents and submitted by the contractor with the bid, including, but not limited to, the health and safety plan.

Estimate of Work Assignment Budget

Task	Description	LOE (Hrs)	Labor Cost	Other Cost	Total
1	Work Plan	75	$6,750.00	$600.00	$7,350.00
2	Pre Work Plan Sampling	15	$1,350.00	$10,395.00	$11,745.00
3	Plans & Specs	200	$18,000.00	$5,000.00	$23,000.00
4	Pre-Award Services	40	$3,600.00	$700.00	$4,300.00
	TOTAL	330	$29,700.00	$16,695.00	**$46,395.00**

Period of Performance

The Remedial Design shall be completed within 200 days of the receipt of the work assignment.

Work Plan Development Authorization

The Engineer is authorized to spend up to $7,350 to perform Task 1.

Project Schedule with Milestones

Completion of Task	Days (From Issuance of Work Assignment)
1.0 - Work Plan*	45
2.0 - Pre-Design Field Activities	85
3.1 - 30% Design*	125
3.2 - 60% Design	160
3.3 - Final Design*	200
4.0 - Pre-award Services	to be determined

* Denotes project milestones where performance evaluations are due.

From: Michael Cruden
To: Burger, Ralph
Date: 4/10/2008 7:49:11 AM
Subject: Fwd: Re: Conceptual Approval for Revised WA for Camp Pharsalia, WA#D004440-1

fyi - not sure if this is being done as new WA or amendment/rebudget?

>>> Sal Ervolina 04/09/08 5:04 PM >>>
I approve the conceptual approval memo for Construction Oversight at the Camp Pharsalia site.

>>> Marcia Jenks 4/9/2008 3:42 PM >>>
Sal

Attached for your review and approval is the Conceptual Approval Memo for Revised WA for Camp Pharsalia Remedial Construction Management, Pharsalia, Chenango County, Site No. 709013,WA D004440-1.

The cost estimate for this revised work assignment is $152,000.

Thank you,
Marcia

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau E, 12th Floor
625 Broadway, Albany, New York 12233-7017
Phone: (518) 402-9814 • **FAX:** (518) 402-9819
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

MEMORANDUM

TO: Salvatore Ervolina, Assistant Director, Division of Environmental Remediation

FROM: George W. Harris, Chief, Remedial Section A, Remedial Bureau E
THRU: Robert C. Knizek, Director, Remedial Bureau E

SUBJECT: Conceptual Approval Memorandum for Revised Work Assignment for Camp Pharsalia Remedial Construction Management, Pharsalia, Chenango County, Site No. 7-09-013, WA No. D004440-1

DATE: APR 9 2008

Site No., Site Name and Location: Camp Pharsalia, Site No. 7-09-031, Town of Pharsalia, Chenango County

Site Information: The site is located with the Camp Pharsalia Incarceration Facility, an active New York State Department of Correctional Services (NYSDCS) facility. The 25 acre property is owned by the New York State Department of Environmental Conservation (NYSDEC), but operated by NYSDCS. The inactive hazardous waste site occupies approximately 0.25 acres, in the southwest portion of the property. The site consists of a one story wood-framed former wood treatment building and surrounding grassy area.

A sawmill and wood treatment operation operated from approximately 1960 to 1977. Seasoned wood poles were staged on the east end of the treatment building. The logs were moved by an overhead hoist into the treatment building and placed in the dip tank. The top of the dip tank was at floor level. Wood was treated using a pentachlorophenol (PCP) solution consisting of approximately one part PCP, to eleven parts fuel oil. This operation contaminated the soil and groundwater with PCP.

Conflict of Interest: None

Type of Contract: Standby Contract

Program Element: Capital Construction Fund

Duration: 90 Days

Estimated Budget: The cost estimate for the revised work assignment is $152,000. This is a rebudget of the existing work assignment plus additional funds from the Camp Summit close out.

Funding Source: State Superfund (NYS Budget)

Brief Description of Scope of Work: The contract for remedial construction is being processed and URS is needed for construction oversight.

ec: D. Weigel
D. Finlayson
T. Wolosen
M. Cruden
R. Knizek
G. Harris
M. Mason

L:/Mason/Camp Pharsalia/memo.hw709013.2008-03-24.CA_Revised_WA.wpd

Re-budget 4440-1 for 151,988 to 4440-1A for 151,988

Task 6 - Construction phase services $28,157 + funds from Camp Summit close outs approx. $24,000.

new total $52,000 for task 6