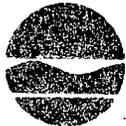


00-00-103 (6/78)



New York State Department of Environmental Conservation

MEMORANDUM

TO:
FROM:
SUBJECT:

DATE:

workplan.hw.828154.2009-09-29.D006132-07-Shaw.pdf

New York State Department of Environmental Conservation

Division of Environmental Remediation

Bureau of Program Management, 12th Floor

625 Broadway, Albany, New York 12233-7012

Phone: (518) 402-9764 • **Fax:** (518) 402-9020

Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

Via E-Mail

September 29, 2009

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

RE: Schedule 2.11 Approvals
Contract/WA No. D006132-7
Site/Spill Name – Levey Property Site
Site No. - 828154

Dear Mr. Stoll:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) hereby approves the attached Schedule 2.11s for the above referenced WA for a total amount not to exceed \$254,751.00. 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, Chek Ng at (518) 402-9620.

Sincerely,

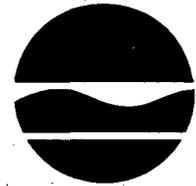
Michael J. Cruden
Chief
Contracts and Payments Section
Bureau of Program Management
Division of Environmental Remediation

Attachments

ec: w/att. C. Ng
L. Lagasse

ec: w/o att. D. Desnoyers
S. Ervolina
D. Weigel
M. Cruden
C. Vasudevan
J. Swartwout
W. Parish
D. Finlayson
J. Abadia

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



Alexander B. Grannis
Commissioner

September 29, 2009

David Stoll
Program Manager
Shaw Environmental and Infrastructure
of New York, P.C.
13 British American Blvd.
Latham, NY 12110-1405

Re: Contract # D006132-7
Counties: Suffolk
Minority and Women's Business Program

Dear Mr. Stoll:

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

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

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

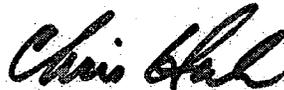
1. That legally signed and executed M/WBE subcontracts are maintained in your files for review by the NYSDEC.
2. That copies of purchase orders (if used) along with copies of both sides of legally signed and canceled checks; need to be kept to verify actual payment to M/WBE's. These documents are to be kept in your files and made available when requested, for review by

the NYSDEC.

3. That you (Shaw Environmental and Infrastructure) provide this office, within fifteen (15) business days of the close of each federal fiscal quarter, a quarterly report listing of all M/WBE subcontracts on record for each prime contract and/or legally signed purchase orders. Please include date of award for each M/WBE subcontract, total dollar value and scope of work.
4. That any changes in the contractor (Shaw Environmental and Infrastructure) M/WBE utilization plan herein determined to be acceptable should be brought to the attention of this office immediately.

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

Sincerely,



Christopher Hale
Minority Business Specialist 1



September 14, 2009

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

**Subject: Executive Summary for Work Authorization D006132-07
Levey Property Site**

Shaw Environmental and Infrastructure Engineering of New York, P.C. (Shaw) is submitting the attached 2.11 budget summary checklist for tasks 1, 2, 3, and 4 of the Levey Property Site (Site Number C152201). This scope of services discussed herein is based upon Work Authorization (WA) D006132-07 provided to Shaw on August 3, 2009 and subsequent meetings and phone calls with the NYSDEC Project Manager. Site activities will be completed in accordance with the September 2009 cost estimate/work scope. Shaw assumes that Task 1 (preliminary planning activities) and Task 2 (Geoprobe groundwater sampling and analysis, soil vapor intrusion sampling and analysis, and survey) will be completed prior to December 31, 2009. Shaw anticipates that Task 3 (permanent well installation, groundwater sampling, survey and IDW disposal) and Task 4 (Remedial Investigation / Feasibility Study Report) will be completed in 2010.

Please note that Shaw Labor Costs include direct costs (using average reimbursement rates), indirect costs and fixed fee. Shaw solicited bids from Shaw's four standby geoprobe companies, one of which was a Women Owned Business Enterprise (WBE). These contractors have been approved by the NYSDEC. One geoprobe company, Parratt-Wolf, chose not to provide cost estimates to complete this work. ADT submitted the lowest price and was selected to provide geoprobe services for this project. The award is for \$37,611.00 (including a \$1791.00 subcontractor management fee).

Shaw solicited bids from Shaw's four standby drilling companies, one of which was a WBE. The contractors have been approved by NYSDEC. Two drilling companies, Parratt-Wolf and Natures Way, chose not to provide cost estimates to complete this work. Aztech (WBE) submitted the lowest price and was selected to provide drilling services for this project. The

award is for \$39,671.10 (including a \$1889.10 subcontractor management fee).

Shaw awarded the soil/groundwater laboratory analysis to Upstate Laboratories as they were next in the laboratory rotation on Shaw's groundwater/soil laboratory standby contract. The award is for \$21,791.700 (including a \$1037.70 subcontractor management fee). Shaw also awarded the air laboratory analysis to Centek Laboratories (WBE) as they were the next laboratory on Shaw's air laboratory standby contract. The award is for \$12,600.00 (including a \$600.00 subcontractor management fee).

Shaw solicited bids from Shaw's nine standby data validation companies, six of which are WBE and one of which is a minority owned business (MBE). One data validation company, EQM, Inc., chose not to provide cost estimates to complete this work. EQA, Inc. submitted the lowest price and was selected to provide data validation services for this project. The award is for \$4,216.00.

Task 1 – Preliminary Activities

This task includes costs for preliminary planning activities. This task includes a scoping meeting at the NYSDEC, development of site specific plans, review of existing files provided by NYSDEC (including: a site map, a planned sampling plan, a Phase I Environmental Site Assessment and Site Investigation Report), an initial site visit, and time to develop the 2.11s, progress schedule and this executive summary.

This task includes the following items:

- Trip to Albany for a scoping Meeting with NYSDEC;
- Review of Site files provided by NYSDEC (prior to the initial site visit);
- Trip to the Site for site reconnaissance and dig safely mark out for Task 2 Geoprobe locations, includes 8 hour travel time;
- Field Activities Plan;
- MBE/WBE Utilization Plan;
- Staffing Plan;
- Site Specific HASP;
- Site Specific QAPP;
- 2.11s, progress schedule and this executive summary.

Shaw Labor	\$23,502
Travel/Materials	<u>\$ 716</u>
TOTAL	\$24,218

Task 2 – Remedial Investigation Phase I

This task includes the advancement of 11 Geoprobe direct push borings along 4 east-west transects to assess groundwater conditions downgradient of the site. In addition, two direct push borings will be advanced to collect lithologic information from the downgradient area. Pending the results from the direct push groundwater analysis, soil vapor intrusion may be assessed for the nearby residential homes downgradient of the Levey Property Site. The soil vapor intrusion analysis includes 20 sub-slab samples, 20 indoor air samples and 5 ambient air samples. Additional detail on these tasks is provided below.

Geoprobe Groundwater Analysis

The proposed Geoprobe borings will be installed in the town right of way. Prior to the advancement of the Geoprobe borings, applicable drilling permits will be obtained from the town for these borings. Also, prior to the advancement of the Geoprobe borings, the proposed boring locations will be pre-marked for a utility mark out. In addition, each location will be cleared to 5 feet below grade with an air knife and vac truck for utility clearance at each location.

Eleven Geoprobe borings will be advanced along four east-west transects (Transect A, Transect B, Transect C and Transect D) downgradient of the site for groundwater profiling. Each Geoprobe boring will be advanced to a maximum depth of 100 feet below grade or until a confining layer is encountered. Discrete grab groundwater samples will be collected vertically every 10 feet beginning at the water table interface to an approximate depth of 100 feet below grade or a confining layer or refusal. Ten groundwater samples per boring location are anticipated for VOC analysis (plus QA/QC samples), and one to two groundwater sample per boring location is anticipated for Metals analysis (plus QA/QC samples). Groundwater samples will be collected using a Groundwater Profiler or similar device. Where sufficient groundwater volumes exist one set of parameters (temperature, specific conductivity, pH, oxidation reduction potential, dissolved oxygen and turbidity) will be collected immediately prior to sample collection. Groundwater sampling protocol is described in the site specific QAPP. For purposes of this cost estimate we have assumed that the Geoprobe assessment can be completed in 15 business days, including utility clearance and sample collection.

A summary of samples collected during this task is listed below:

- 134 Groundwater – VOCs by 8260B (includes 6 duplicate, 6 field blank, 6 trip blank and 6 MS/MSD samples)
- 24 Groundwater – Metals by 7000 (includes 1 duplicate, 1 field blank, 1 and 1 MS/MSD sample)

Groundwater samples will be shipped under proper chain of custody to Upstate Laboratories for Standard TAT analysis of VOCs by EPA Method 8260 and Metals by EPA Method 7000. All samples will be validated by an independent third party. The data validation contractor will generate a data usability summary report to be submitted with Shaw's report.

Two Geoprobe soil borings will be co-located with the two of the groundwater profile boring locations to obtain lithologic and stratigraphic information in the area. Continuous soil samples will be collected from the two soil borings to a depth of 100 feet below grade or to the first confining layer, if encountered. The soil samples will be collected with a 5-foot macro core sampler or a similar device. The soil samples will be logged by a Shaw geologist. All borings/Geoprobe points will be field located using a Trimble unit and will not be surveyed by a licensed surveyor.

Assessment activities will include review of the groundwater analytical results and the lithology of the two soil borings. The groundwater results will indicate if off-site contamination is present downgradient of the Levey Property Site. This data will be utilized to determine what impacts exist, specific intervals of groundwater impact (used to select screen intervals for permanent wells described in Task 3), if soil vapor sampling and soil vapor intrusion analysis is necessary at nearby residential properties (described below as part of Task 2), and if further sampling off-site are necessary.

Soil Vapor Intrusion Analysis

A total of 20 sub-slab soil vapor samples, 20 indoor air samples and 5 ambient air samples will be collected from nearby residential properties to assess soil vapor intrusion, if warranted based on the groundwater profiling results. All soil vapor, indoor air and ambient air samples will be collected concurrently. The samples will be collected with individually certified Summa-canisters. Soil vapor/air samples will be shipped under proper chain of custody to an approved ELAP certified laboratory, Centek Laboratory for analysis of VOCs by EPA method TO-15 to an accuracy of 1 $\mu\text{g}/\text{m}^3$. Soil vapor, indoor air and ambient air sampling procedure will be described in the site specific QAPP and will follow guidelines set in the *NYSDOH Guidance for*

Evaluating Soil Vapor Intrusion in the State of New York (October 2006). All samples will be validated by an independent third party. The data validation contractor will generate a data usability summary report to be submitted with Shaw's report.

A summary of samples collected during this task is listed below:

- 21 Subslab Vapor – VOCs by TO-15 (includes 1 duplicate)
- 21 Indoor Air – VOCs by TO-15 (includes 1 duplicate)
- 6 Ambient Air – VOCs by TO-15 (includes 1 duplicate)

All Investigation Derived Wastes (IDW) (soil cuttings and purge water) generated during this task (Task 2) will be contained in 55-gallon drums and staged at the Levey Property Site. Samples will be collected from the IDW as part of Task 3.

This task includes the following assumptions:

- No travel required for drilling permits;
- Drilling permit costs do not exceed \$1,200;
- Utility Clearing will be completed concurrently with the Geoprobe borings;
- Geoprobng: 15 days, with Shaw oversight and includes the following:
 - Soil sampling (at two soil borings)
 - Groundwater sampling (assumption via low-flow techniques at 10-feet, 20-feet, 30-feet, 40-feet, 50-feet, 60-feet, 70-feet, 80-feet, 90-feet, 100-feet with Geoprobe at 11 locations);
 - Closing holes with bentonite and asphalt
 - 10 hour work days
- Survey: 0.5 days of a Shaw geologist to survey Geoprobe locations with Trimble Unit (concurrently with Geoprobng, no separate mobe);
- Shaw travel time for Geoprobe oversight and survey is 24 hours (8 hours per round trip);
- Soil vapor sampling will be completed in 10 days by two Shaw geologists/scientists, includes Shaw travel time;
- Shaw travel time for soil vapor sampling is 16 hours (8 hours per round trip);
- Includes the time to design 15 air mitigation systems;
- An updated site plan will also be developed using recent aerial photography within the vicinity of the site, the surveyed Geoprobe locations and any other existing wells identified.

Shaw Labor	\$ 43,198
Subcontractor Costs	\$ 69,901
Travel/Materials	<u>\$ 11,979</u>
TOTAL	\$124,816

Task 3 – Remedial Investigation Phase II

Permanent Groundwater Well Installation

The proposed monitoring wells will be installed in the town right of way; drilling will not occur within any sidewalks. Prior to the advancement of the monitoring wells, applicable drilling permits will be obtained from the town for these monitoring wells. Also, prior to the installation of the monitoring wells, the proposed boring locations will be pre-marked for a utility mark out. In addition, each location will be cleared to 5 feet below grade with an air knife and vac truck for utility clearance at each location.

A maximum of four multilevel groundwater monitoring wells will be installed off-site of the Levey Property Site. Each monitoring well location will be completed as a multi-stage monitoring well allowing for three discrete sample intervals to be collected from the same well via a Solinst® CMT Multilevel System or similar device as discussed at the project review meeting. The permanent well locations and construction (screen intervals) will be based on the Geoprobe groundwater profiling results (Task 2). At two monitoring wells, confirmatory soil samples will be collected at a pre-selected 5 to 10 foot interval (based on Geoprobe borings – Task 2) and/or to confirm the confining layer at depth.

Multilevel Groundwater Analysis

Groundwater samples will be collected from each discrete screen interval of the monitoring wells installed (12 groundwater samples plus QA/QC samples). The samples will be collected via low flow sampling technique. Water quality parameters (temperature, specific conductivity, pH, oxidation reduction potential, dissolved oxygen, and turbidity) will be measured at 3 to 5 minutes intervals, and groundwater samples will be collected following the stabilization of these parameters. The samples will be analyzed for VOCs and Metals. The groundwater sampling procedure will be described in the site specific QAPP.

A summary of samples collected during this task is listed below:

- 26 Groundwater – VOCs by 8260B (includes 1 duplicate sample, 6 field blank samples, 1 MS/MSD sample and up to 6 trip blank samples)
- 26 Groundwater – Metals by 7000 (includes 1 duplicate sample, 6 field blank samples, and 1 MS/MSD sample)

All samples will be validated by an independent third party. The data validation contractor will generate a data usability summary report to be submitted with Shaw's report.

IDW Sampling

Samples will be collected from the Investigation Derived Wastes (IDW) generated from the Geoprobe boring advancement, monitoring well installation and groundwater sampling. The IDW will be stored at the Level Property. As previously discussed, all soil cuttings and purge water will be contained in 55-gallon drums and staged at the Levey Property Site. One composite samples of soil and one composite sample of groundwater will be collected from the drums for analysis. The soil sample will be analyzed for VOCs, PCBs, pesticides and TCLP and mass metals. The groundwater sample will be analyzed for VOCs, PCBs, pesticides and metals.

This task includes the following assumptions:

- No travel required for drilling permits;
- Drilling permits are not more than \$200/location
- Dig Safely Mark-out: 0.5 day and 8 hour travel time for a Shaw Geologist to mark proposed well location for dig safely;
- Utility Clearing will be completed concurrently with the monitoring well installation (no separate mobe);
- Drilling: 12 days, with Shaw oversight and includes the following:
 - Soil sampling (at two monitoring well locations)
 - Well construction
 - 10-hour work days
- Survey: 0.5 days of a Shaw geologist to survey monitoring well locations with Trimble Unit (same mobe as monitoring well install, no separate mobe);
- Well Development: 1 day of a Shaw Geologist to develop each multilevel monitoring wells (12 intervals total), 48 hours after installation (same mobe as monitoring well install, no separate mob);

- Shaw travel time for drilling oversight, survey and well development is 24 hours (8 hours per round trip);
- Groundwater Sampling: 2 10-hour days of Shaw Geologist time to sample multilevel monitoring wells;
- IDW sampling will be completed concurrently with groundwater sampling (no separate mob);
- Shaw travel time for groundwater sampling and IDW sample is 8 hours;
- An updated site plan will also be developed using recent aerial photography within the vicinity of the site, the surveyed well locations and any other existing wells identified.

Shaw Labor	\$22,474
Subcontractor Costs	\$ 45,989
Travel/Materials	<u>\$ 6,612</u>
TOTAL	\$ 75,075

Task 4 – Final Report – Remedial Investigation / Feasibility Study Report

This task includes the costs for providing a remedial investigation report summarizing all work performed and completed as part of the off-site remedial investigation of the Levey Property Site. The report will be issued to the NYSDEC for review no later than 30 days after receiving all site sampling data. The report will include the field sampling methods, sample analysis results (text and tables), observations regarding trends of contaminants relative and upgradient and downgradient sample locations, maps (aerial photograph base map with current site features, local groundwater flow contours, vertical cross sections with VOC concentrations and confining lens/layers identified, spider maps showing VOC concentrations above Class A Groundwater Standards, aerial VOC contour maps for various depths), boring logs and well construction logs.

This task also includes the time to prepare the investigation work plans and a summary status report at the completion of Task 2 as time for these deliverables was not included in the Quickstart document for this work assignment.

If the results of the investigation indicate that off-site contamination is present, a Feasibility Study will be completed to evaluate remedial alternatives to address the off site contamination per DER-10 guidelines, Section 4 (Remedy Selection). The feasibility is contingent upon the results from Task 2 and Task 3. If all data is below State Standards, then a Feasibility Study is not needed.

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

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

This task includes the following assumptions:

- Trip to Albany to discuss investigation results with NYSDEC.

Shaw Labor	\$30,259
Travel/Materials	\$ 383
TOTAL	\$30,642

WORK AUTHORIZATION TOTAL **\$254,751**

Schedule

Field work will commence within 90 days of submission or 30 days of approval of the Draft Work Plan (including a Field Activities Plan, MBE/WBE Utilization Plan and Staffing Plan) to the NYSDEC. Upon approval of the work plan and approval of drilling permits by the town, Shaw will schedule the field work with the approved direct push subcontractor. The following schedule is proposed:

- Shaw anticipates that the site specific work plan and HASP will take approximately two weeks to complete.
- Shaw will schedule a site visit following the work plan approval.
- Shaw will apply for drilling permits following the site visit.
- Shaw will coordinate the direct-push contractor's schedule to minimize the impact to site operations and expedite the sampling effort. It is anticipated that the actual field sampling effort (Task 2 – Geoprobe) can be completed in 15 10-hour days based upon the estimate provided by ADT. The work start time will be determined by the Shaw site supervisor and may vary depending on weather and site conditions.

- Groundwater analytical results will be received in a Category B deliverable format from the ELAP-approved laboratory within 28 days of sample receipt.
- Analytical results will be reviewed by Shaw upon receipt and an assessment of soil vapor intrusion analysis (Task 2) and assessment of the multi-level well construction (Task 3) will be completed. A summary of the assessment and recommendations will be provided to NYSDEC within 2 weeks of receipt of the analytical results.
- If required, Shaw will coordinate soil vapor sampling at the nearby residential properties within one week of NYSDEC's approval of the data assessment and soil vapor recommendations provided by Shaw.
- If required and possibly based upon homeowners schedule, Shaw will complete the soil-vapor sampling and analysis before December 31, 2009. This may vary depending on weather and site conditions and pending access to the nearby residential properties.
- Soil vapor, ambient air and indoor air analytical results will be received in a Category B deliverable format from the ELAP-approved laboratory within 28 days of sample receipt.
- If required, Shaw will apply for drilling permits for the permanent multi-level monitoring wells and coordinate with the driller's schedule. It is anticipated that the actual field sampling effort (Task 3 – Well installation) can be completed in 12 10-hour days based upon the estimate provided by Aztech. The work start time will be determined by the Shaw site supervisor and may vary depending on weather and site conditions.
- Groundwater sampling of the permanent monitoring wells will be completed within one week of the well installation, and IDW sampling will be completed at the same time.
- All samples collected during the site investigation will be submitted to an approved third party data validation contractor. The data validation contractor will provide a data validation/usability report within 30 days of receipt of analytical results.
- The results of these investigative activities will be included in a remedial investigation report discussing all file review data, analytical data and field investigative activities. This report may be expanded to a feasibility study if the analytical data indicates that remediation is needed to address off-site contamination. Three copies of the draft report will be submitted to the NYSDEC for review and comment within 90 days after completion of field work.

- Shaw will revise the summary report according to the comments provided by the NYSDEC. The report and EDD will be provided to the NYSDEC and NYSDOH within 30 days after receipt of comments.

Sincerely,

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

Heather A. Fariello

Heather A. Fariello
Project Scientist

David C. Stoll

David C. Stoll, P.G.
Program Manager

Attachments:

Attachment A: 2.11 Check List
Attachment B: 2.11 Package

LEVEY PROPERTY SITE

Work Assignment Cost Schedule 2.11

New York State Department of Environmental Conservation Superfund Standby Contract

Work Assignment #: D006132-07

September-09

This cost schedule represents costs for the tasks of Preliminary Analysis (Task 1), RI Phase 1 (Task 2), Second Remedial Investigation (Task 3), and Detailed Analysis of Alternatives (3rd Phase FS) and Remedy Selection (Task 4)

NYSDEC Project Manager: Chek Beng Ng, P.E.

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

Shaw Project Manager: David C. Stoll, P.G.

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Labor Hours
*Av. Salary Rate (\$) (Year: 2009)	56.60	47.59	43.24	37.25	33.23	29.78	25.54	19.98	14.60	
Task 1	12				160	80	32	30		314
Task 2	4	20			170	314	48	30		586
Task 3										0
Task 4										0
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	16	20	0	0	330	394	80	60	0	900
Total Direct Labor Cost	\$906	\$952	\$0	\$0	\$10,966	\$11,733	\$2,043	\$1,199	\$0	\$27,799

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

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Labor Hours
*Av. Salary Rate (\$) (Year: 2010)	58.30	49.02	44.54	38.37	34.23	30.67	26.31	20.58	15.04	
Task 1										0
Task 2										0
Task 3	4				40	214	30	20		308
Task 4	12	60			120	110	30	34		366
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	16	60	0	0	160	324	60	54	0	674
Total Direct Labor Cost	\$933	\$2,941	\$0	\$0	\$5,477	\$9,937	\$1,579	\$1,111	\$0	\$21,978

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

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(b)1
Direct Administrative Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Administrative Labor Hours
Task 1	4				8		4			16
Task 2					8		8			16
Task 3					4		8			12
Task 4	4				4		8			16
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	8	0	0	0	24	0	28	0	0	60

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

1) Work Plan Budget Development

- Conflict of Interest check
- Budget schedules & Supporting documentation

2) Review work assignment (WA) progress

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

3) Contractor Application for Payment (CAP)

- Oversee and prepare monthly CAP

4) Program Management

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

5) Miscellaneous

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

Contract/Project administrations hours would not include:

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

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

D006132
Levey Property Site
 D006132-07

Date Prepared: 9/14/2009

SCHEDULE 2.11(c)

Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
A) <i>Sample Analysis Rates (In-House Costs Only, for Subcontracts see Schedule 2.10(f) and 2.11 (f))*</i>					
NOT APPLICABLE - Intentionally left blank					
B) <i>Miscellaneous (Travel - Lodging, Meals, Transportation see Schedule 2.10(d) for rates)</i>					
<i>Travel</i>					
1	Car Rental	\$63.00	Day		\$0.00
2	Car Rental	\$300.00	Week		\$0.00
3	Gas	\$40.00	tank		\$0.00
4	Mileage	\$0.50	mile	403	\$201.50
5	Tolls	\$30.00	Round trip	1	\$30.00
6	Per Diem	\$64.00	Whole Day	1	\$64.00
7	Per Diem	\$17.00	Late Days	2	\$34.00
8	Parking	\$1.00	Hour	2	\$2.00
9	Hotel	\$131.00	Day	1	\$131.00
				Task 1 Total:	\$462.50
<i>Other - Non Travel Related</i>					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	2	\$30.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	16	\$12.80
5	Cell Phone Usage	\$15.00	week/per person	1	\$15.00
				Task 1 Total:	\$57.80
<i>Travel</i>					
1	Car Rental	\$63.00	Day		\$0.00
2	Car Rental	\$300.00	Week		\$0.00
3	Gas	\$40.00	tank		\$0.00
4	Mileage	\$0.50	mile	2296	\$1,148.00
5	Tolls	\$30.00	Round trip	6	\$180.00
6	Per Diem	\$64.00	Whole Day	22	\$1,408.00
7	Per Diem	\$17.00	Late Days	7	\$119.00
8	Hotel	\$131.00	Day	22	\$2,882.00
				Task 2 Total:	\$5,737.00
<i>Other - Non Travel Related</i>					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	29	\$435.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	360	\$288.00
5	Cell Phone Usage	\$15.00	week/per person	8	\$120.00
6	Drilling Permits	\$1,200.00	LS	1	\$1,200.00
				Task 2 Total:	\$2,043.00
<i>Travel</i>					
1	Car Rental	\$63.00	Day		\$0.00
2	Car Rental	\$300.00	Week		\$0.00
3	Gas	\$40.00	tank		\$0.00
4	Mileage	\$0.50	mile	1890	\$945.00
5	Tolls	\$30.00	Round trip	5	\$150.00
6	Per Diem	\$64.00	Whole Day	9	\$576.00
7	Per Diem	\$17.00	Late Days	7	\$119.00
8	Hotel	\$131.00	Day	9	\$1,179.00
				Task 3 Total:	\$2,969.00
<i>Other - Non Travel Related</i>					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	15	\$225.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	160	\$128.00
5	Cell Phone Usage	\$15.00	week/per person	4	\$60.00
				Task 3 Total:	\$413.00

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

D006132
Levey Property Site
D006132-07

Date Prepared: 9/14/2009

SCHEDULE 2.11(c)

Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
<i>Travel</i>					
1	Car Rental	\$63.00	Day		\$0.00
2	Car Rental	\$300.00	Week		\$0.00
3	Gas	\$40.00	tank		\$0.00
4	Mileage	\$0.50	mile	25	\$12.50
5	Tolls	\$30.00	Round trip		\$0.00
6	Per Diem	\$64.00	Whole Day		\$0.00
7	Per Diem	\$48.00	Travel Day		\$0.00
8	Parking	\$1.00	Hour	2	\$2.00
9	Hotel	\$131.00	Day		\$0.00
				Task 4 Total:	\$14.50
<i>Other - Non Travel Related</i>					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day		\$0.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr		\$0.00
5	Cell Phone Usage	\$15.00	week/per person		\$0.00
				Task 4 Total:	\$0.00
C) Printing/Plotting or Reproduction Costs					
1	Black and White - 8.5 x 11	\$0.03	copy	600	\$18.00
2	Black and White - 11 x 17	\$0.07	copy	10	\$0.70
3	Color - 8.5 x 11	\$0.50	copy	10	\$5.00
4	Color - 11 x 17	\$1.00	copy	10	\$10.00
5	Drawings black & white	\$0.35	per sq ft or approx. drawing		\$0.00
		\$2.40			\$0.00
6	Color Plots	\$2.25	per sq ft or approx. drawing		\$0.00
		\$13.50		12	\$162.00
				Task 1 Total:	\$195.70
1	Black and White - 8.5 x 11	\$0.03	copy	20	\$0.60
2	Black and White - 11 x 17	\$0.07	copy	5	\$0.35
3	Color - 8.5 x 11	\$0.50	copy	5	\$2.50
4	Color - 11 x 17	\$1.00	copy	5	\$5.00
5	Drawings black & white	\$0.35	per sq ft or approx. drawing		\$0.00
		\$2.40			\$0.00
6	Color Plots	\$2.25	per sq ft or approx. drawing		\$0.00
		\$13.50		5	\$67.50
				Task 2 Total:	\$75.95
1	Black and White - 8.5 x 11	\$0.03	copy	5	\$0.15
2	Black and White - 11 x 17	\$0.07	copy		\$0.00
3	Color - 8.5 x 11	\$0.50	copy	5	\$2.50
4	Color - 11 x 17	\$1.00	copy		\$0.00
5	Drawings black & white	\$0.35	per sq ft or approx. drawing		\$0.00
		\$2.40			\$0.00
6	Color Plots	\$2.25	per sq ft or approx. drawing		\$0.00
		\$13.50			\$0.00
				Task 3 Total:	\$2.65
1	Black and White - 8.5 x 11	\$0.03	copy	600	\$18.00
2	Black and White - 11 x 17	\$0.07	copy	12	\$0.84
3	Color - 8.5 x 11	\$0.50	copy	12	\$6.00
4	Color - 11 x 17	\$1.00	copy	20	\$20.00
5	Drawings black & white	\$0.35	per sq ft or approx. drawing		\$0.00
		\$2.40			\$0.00
6	Color Plots	\$2.25	per sq ft or approx. drawing		\$0.00
		\$13.50		24	\$324.00
				Task 4 Total:	\$368.84
Total Direct Non-Salary Costs					\$12,339.94

Engineer/Contract#: D006132
Project Name: Levey Property Site
Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(d)1

Equipment Purchased Under the Contract

<u>Item</u>	<u>Est. Purchased Price (\$)</u>	<u>O&M Rate* (\$/month)</u>	<u>Term of Usage (Months)</u>	<u>Est. Usage Costs (\$) (Col 2 + [3x4])</u>
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TOTAL \$0.00

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

Engineer/Contract#: D006132
Project Name: Levey Property Site
Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(d)2

Maximum Reimbursement Rate for Consultant Owned Equipment

Item	Purchased Price (\$) x 85%	Usage Rate* (\$/Unit of Time)	Capital Recovery ** Rate (\$/Unit of Time)	O&M Rate (\$/Unit of Time)	Est. Usage (Unit of Time)	Est. Usage Costs (\$) (Col 3 x 6)
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TOTAL \$0.00

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

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

**The Captial Recovery Rate is the equipment's depreciateion for the useful life of the itme

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(d) 3

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement	Units	Est. Usage (units of Time)	Est. Rental Cost (\$) (Col 2 x3)
MiniRae 2000	75	day	0	\$0.00
MiniRae 2000	200	week	5	\$1,000.00
DataRamTM pDR-1000	75	day	0	\$0.00
DataRamTM pDR-1000	190	week	0	\$0.00
YSI w/ turbidity meter	100	day	0	\$0.00
YSI w/ turbidity meter	300	week	3	\$900.00
O/W Interface Probe	45	day	0	\$0.00
O/W Interface Probe	140	week	3	\$420.00
Hammer Drill	300	week	2	\$600.00
Trimble Unit	200	day	1	\$200.00
			Task 2 Total:	\$3,120.00
MiniRae 2000	75	day	0	\$0.00
MiniRae 2000	200	week	4	\$800.00
DataRamTM pDR-1000	75	day	0	\$0.00
DataRamTM pDR-1000	190	week	0	\$0.00
YSI w/ turbidity meter	100	day	0	\$0.00
YSI w/ turbidity meter	300	week	4	\$1,200.00
O/W Interface Probe	45	day	2	\$90.00
O/W Interface Probe	140	week	3	\$420.00
Peristaltic pump	75	week	2	\$150.00
Trimble Unit	200	day	1	\$200.00
			Task 3 Total:	\$2,860.00
			TOTAL:	\$5,980.00

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

Engineer/Contract#: D006132
Project Name: Levey Property Site
Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Units	Unit Cost (\$)	Total Budgeted Cost (Col 2 x3) (\$)
Gloves	4	box	15	\$60.00
Teflon Tubing - Task 2	60	ft	3	\$180.00
Filters	20	ea	15	\$300.00
Misc	2	ea	100	\$200.00
			Task 2 Total:	\$740.00
Gloves	1	box	15	\$15.00
Silicone / Pump Head Tubing	12	ft	3	\$36.00
Teflon Tubing - Task 3	12	ft	3	\$36.00
Filters	12	ea	15	\$180.00
Misc	1	ea	100	\$100.00
			Task 3 Total:	\$367.00
			TOTAL	\$1,107.00

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(e)

Cost-Plus -Fixed Fee Subcontracts

Name of Subcontractor		Services to be Performed		Subcontract Price	
A) Direct Salary Costs					
Professional Responsibility Level	Labor Classification	Ave. Reimbursement Rate (\$/Hr.)	Max Reimbursement Rate (\$/Hr.)	Est. Number of Hours	Total Est. (Direct Salary Cost Ave Reim. Rate x Est # Hrs)
Total Direct Salary Cost					\$0.00

- 1) The labor rate averages and maximum shall be adjusted by a rate equal to the increase in the CPI index CUURA101SAO-"All Urban Consumers-New York-Northern N.J.-Long Island" for the previous year. This index is published by the U.S. Department of Labor's Bureau of Labor Statistics. The adjustment will be calculated every January and will be effective for subsequent work assignment billing and budgeting purposes.
- 2) Schedule 2.1-0(a) may be re-negotiated after four (4) years at the request of either party. Any revision as a result of re-negotiation will be subject to the approval of the Office of the State Comptroller.
- 3) The maximum annual escalation is limited to 5%.
- 4) Reimbursement will be limited to the lesser of either the individual's actual hourly rate or the maximum rate for each labor category.
- 5) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- 6) Only those labor classifications indicated with an asterisk will be entitled to overtime.
- 7) Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that category, the actual hourly labor rate paid, or the State M-6 rate, whichever is lower.
- 8) Maximum reimbursement rates may be exceeded or work assignment activities that are under the jurisdiction of the Schedule of Prevailing Wage Rates set by the New York State Department of Labor.

B) Indirect Costs

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

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Max Reimbursement Rate (Specify Unit)	Est. Number of Units	Total Est. Cost
1) Travel	Schedule 2.10(d) for rates		
2) Supplies			
Total Direct Non-Salary Costs			

D) Fixed Fee

** The fixed fee is: 11.6%

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(f)

Unit Price Subcontracts

<i>Name of Subcontractor</i>	<i>Subcontract Price</i>	<i>Management Fee</i>
ADT	\$35,820.00	\$1,791.00

<u>Item</u>	<u>Max. Reimbursement Rate (\$)*</u>	<u>Units</u>	<u>Est. No. of Units</u>	<u>Total Est. Cost</u>
Geoprobe - Soil Borings / Groundwater Samples				
Air Knife/Vac Truck Rental (truck and crew rate)	325	each	15	\$4,875.00
Hand Clear each Location to 5'	0	each	13	\$0.00
Daily Rig / Crew Rate - Soil Borings / GW Profiling	1850	day	15	\$27,750.00
5-Ft macrocore with liner / soil sample	10	each	40	\$400.00
4-Ft GW sample collectors	0	each	110	\$0.00
Bentonite/Grout to "close" points	2	feet	1300	\$2,600.00
Decon Equipment	0	hour	13	\$0.00
55-gallon DOT drum	65	each	3	\$195.00
Mobilization - Soil Borings / GW Profiling	0	LS	1	\$0.00

Task 2 Total	\$35,820.00
Subcontract Total:	<u>\$35,820.00</u>
Subcontract Management Fee:	<u>\$1,791.00</u>
TOTAL:	<u>\$37,611.00</u>

Engineer/Contractor#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Upstate	Groundwater, soil, air/soil vapor sample analysis	\$20,754.00	\$1,037.70

Item	Max. Reimbursement Rate		Units	Est. No. of Units	Total Est. Cost
	(\$)*				
Soil samples - VOCs	85.5		ea	1	\$85.50
Soil samples - SVOCs	180		ea	1	\$180.00
soil samples - Pesticides	80		ea	1	\$80.00
soil samples - PCBs	54		ea	1	\$54.00
soil samples - TAL metals	112.5		ea	1	\$112.50
soil samples - TCLP	425		ea	1	\$425.00
Water - VOCs	85.5		ea	135	\$11,542.50
Water - SVOCs	180		ea	1	\$180.00
Water - Pesticides	80		ea	1	\$80.00
Water - PCBs	54		ea	1	\$54.00
Water - TAL metals	112.5		ea	25	\$2,812.50
Task 2 Subtotal					\$15,606.00
Water - VOCs	85.5		ea	26	\$2,223.00
Water - SVOCs	180		ea		\$0.00
Water - Pesticides	80		ea		\$0.00
Water - PCBs	54		ea		\$0.00
Water - TAL metals	112.5		ea	26	\$2,925.00
Task 3 Subtotal					\$5,148.00
Subcontract Total:					\$20,754.00
Subcontract Management Fee:					\$1,037.70
TOTAL:					\$21,791.70

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(f)

Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Centek (WBE)	Air Analysis	\$12,000.00	\$600.00

Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
TO-15	250	ea	48	\$12,000.00
Task 2 Subtotal				\$12,000.00

Subcontract Total: \$12,000.00

Subcontract Management Fee: \$600.00

TOTAL: \$12,600.00

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(f)

Unit Price Subcontracts

<i>Name of Subcontractor</i>	<i>Services to be Performed</i>	<i>Subcontract Price</i>	<i>Management Fee</i>
EQA, Inc	Data Validation	\$4,216.00	

<i>Item</i>	<i>Max. Reimbursement Rate</i>		<i>Units</i>	<i>Est. No. of Units</i>	<i>Total Est. Cost</i>
	<i>(\$)*</i>				
Water - VOCs	15		ea	134	\$2,010.00
Water - TAL metals	20		ea	24	\$480.00
TO-15	17		ea	48	\$816.00
Task 2 Subtotal					\$3,306.00
Water - VOCs	15		ea	26	\$390.00
Water - TAL metals	20		ea	26	\$520.00
Task 3 Subtotal					\$910.00

Subcontract Total: \$4,216.00

Subcontract Management Fee: \$0.00

TOTAL: \$4,216.00

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(f)

Unit Price Subcontracts

<i>Name of Subcontractor</i>	<i>Services to be Performed</i>	<i>Subcontract Price</i>	<i>Management Fee</i>
Aztech	Monitoring Well Installation		\$1,889.10
	Max. Reimbursement Rate		
Item	(\$)*	Units	Est. No. of Units
Air Knife/Vac Truck Rental (truck and crew rate)	131.75	day	4
Hand Clear each Location to 5'	912	ea	0
Daily Rig / Crew Rate - Hollow Stem Auger	1500	day	12
Daily Rig / Crew Rate - Mud Rotary	1700	day	0
Confirmatory Soil Sample (2 locations, 10 ft sample length)	30	ea	10
Monitoring Well - 2 inch sched. 40 PVC riser	0	feet	400
3-channel multi level system	1670	ea	4
Flush-mount road boxes	135	ea	4
55-gallon DOT drum	55	ea	10
Decon Equipment	135	hour	8
Temporary Decon Pad	220	ea	1
Mobilization - Soil Borings / GW Profiling	9885	ea	1
			Task 3 Subtotal
			\$37,782.00
			Subcontract Total:
			\$37,782.00
			Subcontract Management Fee:
			\$1,889.10
			TOTAL:
			\$39,671.10

Schedule 2.11(g)

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

PM/Engineer: Heather Fariello
 Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07
 Task No./Name: Task 1-4 Summary
 Complete: 0%

Page: 1 of 6
 Date Prepared: 9/14/2009 10:03
 Billing Period: _____
 Invoice No.: _____

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49,776.42	\$0	-\$49,776
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57,242.88	\$0	-\$57,243
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$107,019.30	\$0	-\$107,019
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,183.00	\$0	-\$9,183
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,244.94	\$0	-\$10,245
6 Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,427.94	\$0	-\$19,428
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$115,889.81	\$0	-\$115,890
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$242,337.05	\$0	-\$242,337
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,414.24	\$0	-\$12,414
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$254,751.29	\$0	-\$254,751

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: Heather Fariello
 Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07
 Task No./Name: 01/Preliminary Activities
 Complete 0%

Page 2 of 6
 Date Prepared: 9/14/2009 10:03
 Billing Period _____
 Invoice No. _____

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs				\$0.00		\$9,795.08	\$0.00	-\$9,795.08
2 Indirect Costs 115%				\$0.00		\$11,264.34	\$0.00	-\$11,264.34
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$21,059.42	\$0.00	-\$21,059.42
4 Travel				\$0.00		\$462.50	\$0.00	-\$462.50
5 Other Non-Salary Costs				\$0.00		\$253.50	\$0.00	-\$253.50
6 Subtotal Direct Non-Salary Costs				\$0.00		\$716.00	\$0.00	-\$716.00
7 Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
8 Total WA Cost				\$0.00		\$21,775.42	\$0.00	-\$21,775.42
9 Fixed Fee				\$0.00		\$2,442.89	\$0.00	-\$2,442.89
10 Total WA Price				\$0.00		\$24,218.31	\$0.00	-\$24,218.31

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: Heather Fariello
 Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07
 Task No./Name: 02/RI Phase I
 Complete: 0%

Page: 3 of 6
 Date Prepared: 9/14/2009 10:03
 Billing Period: _____
 Invoice No.: _____

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs				\$0.00		\$18,003.54		-\$18,003.54
2 Indirect Costs 115%				\$0.00		\$20,704.07	\$0.00	-\$20,704.07
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$38,707.61	\$0.00	-\$38,707.61
4 Travel				\$0.00		\$5,737.00		-\$5,737.00
5 Other Non-Salary Costs				\$0.00		\$5,979.95		-\$5,979.95
6 Subtotal Direct Non-Salary				\$0.00		\$11,716.95	\$0.00	-\$11,716.95
7 Subcontractors				\$0.00		\$69,901.28		-\$69,901.28
8 Total WA Cost				\$0.00		\$120,325.84	\$0.00	-\$120,325.84
9 Fixed Fee				\$0.00		\$4,490.08	\$0.00	-\$4,490.08
10 Total WA Price				\$0.00		\$124,815.92	\$0.00	-\$124,815.92

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: Heather Fariello
 Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07
 Task No./Name: 03/Secondary Phase RI
 Complete 0%

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 Date Prepared: 9/14/2009 10:03
 Billing Period _____
 Invoice No. _____

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs				\$0.00		\$9,367	\$0	-\$9,366.68
2 Indirect Costs 115%				\$0.00		\$10,771.68	\$0.00	-\$10,771.68
3 Subtotal Direct Salary Costs and Indirect-Costs				\$0.00		\$20,138.36	\$0.00	-\$20,138.36
4 Travel				\$0.00		\$2,969.00	\$0.00	-\$2,969.00
5 Other Non-Salary Costs				\$0.00		\$3,642.65	\$0.00	-\$3,642.65
6 Subtotal Direct Non-Salar				\$0.00		\$6,611.65	\$0.00	-\$6,611.65
7 Subcontractors				\$0.00		\$45,988.53	\$0.00	-\$45,988.53
8 Total WA Cost				\$0.00		\$72,738.54	\$0.00	-\$72,738.54
9 Fixed Fee				\$0.00		\$2,336.05	\$0.00	-\$2,336.05
10 Total WA Price				\$0.00		\$75,074.59	\$0.00	-\$75,074.59

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: Heather Fariello
 Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07
 Task No./Name: 04/Detailed Analysis of Alternative (3rd Phase FS) & Remedy Selection
 Complete: 0%

Page: 5 of 6
 Date Prepared: 9/14/2009 10:03
 Billing Period: _____
 Invoice No.: _____

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs				\$0.00		\$12,611.12	\$0.00	-\$12,611.12
2 Indirect Costs 115%				\$0.00		\$14,502.79	\$0.00	-\$14,502.79
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$27,113.91	\$0.00	-\$27,113.91
4 Travel				\$0.00		\$14.50	\$0.00	-\$14.50
5 Other Non-Salary Costs				\$0.00		\$368.84	\$0.00	-\$368.84
6 Subtotal Direct Non-Salary				\$0.00		\$383.34	\$0.00	-\$383.34
7 Subcontractors				\$0.00		\$0.00	\$0.00	\$0.00
8 Total WA Cost				\$0.00		\$27,497.25	\$0.00	-\$27,497.25
9 Fixed Fee				\$0.00		\$3,145.21	\$0.00	-\$3,145.21
10 Total WA Price				\$0.00		\$30,642.46	\$0.00	-\$30,642.46

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g)

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

PM/Engineer: Heather Fariello
 Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07
 Task No./Name: Task 1-4 Summary
 Complete: 0%

Page: 6 of 6
 Date Prepared: 9/14/2009 10:03
 Billing Period: _____
 Invoice No.: _____

INTENTIONALLY LEFT BLANK

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6 Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Manager (Engineer) _____

Date _____

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontracts

PM/Engineer: Heather Fariello
D006132
 Project Name: Level Property Site
 Work Assignment No.: D006132-07
 Complete 0%

Page 1 of 2
 Date Prepared: 9/14/2009 10:03
 Billing Period _____
 Invoice No. _____

Subcontract Name	A	B	C	D	E	F	G
	Subcontracts Costs Claimed this Application Inc. Resubmittals	Subcontract Costs Approved for Payment on Previous	Total Subcontract Costs to Date (A + B)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date (C plus F)
1 ADT			\$0.00	\$35,820.00	\$1,791.00		\$0.00
2 Upstate			\$0.00	\$20,754.00	\$1,037.70		\$0.00
3 Centek (WBE)			\$0.00	\$12,000.00	\$600.00		\$0.00
4 EQA			\$0.00	\$4,216.00			\$0.00
5 Aztech (WBE)			\$0.00	\$37,782.00	\$1,889.10		\$0.00
6							\$0.00
7							\$0.00
8							\$0.00
9							\$0.00
Total	\$0.00	\$0.00	\$0.00	\$110,572.00	\$5,317.80	\$0.00	\$0.00

Project Manager _____

Date _____

NOTES:

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

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

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

Engineer/Contract#: D006132
 Project Name: Levey Property Site
 Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03
 Billing Period: _____
 Invoice No.: _____

NSPE Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	Total Direct Labor Hours
	Exp/Est*	Exp/Est									
Task 1	8				152	80	28	30		16	314
Task 2	4	20			162	314	40	30		16	586
Task 3	4				36	214	22	20		12	308
Task 4	8	60			116	110	22	34		16	366
Task 5											0
Task 6											0
Task 7											0
Task 8											0
Task 9											0
Task 10											0
Task 11											0
Task 12											0
Total Hours	0 24	0 80	0 0	0 0	0 466	0 718	0 112	0 114	0 0	0 60	1574

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

Engineer/Contract#: D006132
Project Name: Levey Property Site
Work Assignment No.: D006132-07

Date Prepared: 9/14/2009 10:03

Schedule 2.11(i)

Monthly Cost Control Report

PM/Engineer: _____

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

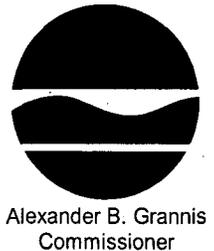
2 Equipment Description _____
Purchase Date _____
Purchase Price _____
Dates & Location of Use Since Last Report (Identify WA) _____
Present Storage Location _____
Condition of Equipment _____
Responsible Person and Phone No. _____

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

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

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

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



Via E-Mail
August 3, 2009

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

Re: WA Issuance/Notice to Proceed

Dear Mr. Stoll:

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

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

<i>Contract/WA No.:</i>	D006132-7
<i>Site/Spill No./PIN:</i>	C152201
<i>Site/Spill Name:</i>	Levey Property Site
<i>Program Element:</i>	RI/FS
<i>Est. Total WA Budget:</i>	\$257,400.00
<i>Project Manager:</i>	Chek Ng
<i>PM Phone No.:</i>	(518) 402-9620
<i>PM E-mail:</i>	cbng@gw.dec.state.ny.us
<i>Contract Manager:</i>	Lisa M. Lagasse
<i>CM Phone No.:</i>	(518) 402-9747
<i>CM E-mail:</i>	lm laga@gw.dec.state.ny.us
<i>M/WBE Contact:</i>	Juan Abadia
<i>M/WBE Phone No.:</i>	(518) 402-9311
<i>M/WBE E-mail:</i>	jtabadia@gw.dec.state.ny.us

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

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

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

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

Sincerely,



Michael J. Cruden, P.E.

Chief

Contracts and Payments Section

Bureau of Program Management

Division of Environmental Remediation

Attachments

ec: w/enc. C. Ng
L. Lagasse

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

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

I. Potential Responsive Parties

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

II. Conflict of Interest

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

The Contractor believes there are no potential organization or personal conflicts of interest with the PRPs listed and is accepting the above referenced work assignment.

The Contractor believes there are potential organizational and/or personal conflict(s) as indicated below:

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

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

III. Certification

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

Wanda Stoll

8/3/09

Signature of Contractor's Authorized Representative

Date

STAN ENVIRONMENTAL & INFRASTRUCTURE ENGINEERING OF N.Y. P.C.
Contractor Name

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

6/3/08



**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Site Information Report**



Site Code	C152201	Address	1305 South Strong Avenue	
Site Name	Levey Property	City	Copiague	Zip 11726
Classification	A	County	Suffolk	Town Babylon
Region	1	Latitude	40 degrees, 40 minutes, 50.60 seconds	Estimated Size 1.0300
Longitude	-73 degrees, 23 minutes, 16.32 seconds			
Site Type				

Site Description

The Levey Property site is located in a suburban portion of Suffolk County, NY. This site is in the northwest quadrant of the intersection formed by South Strong Avenue and Victoria Avenue and is bounded by Chettic Avenue to the north. The site consists of an approximately 1.03 acre rectangular-shaped parcel of partially concrete-paved, partially unpaved and partially vegetated lot. It is developed with a one or two-story commercial building with a partial basement located in the northeastern portion of the on-site facility.

The site is currently vacant and is intended for residential use. Historically, this site was used as a small wallpaper production process and motor vehicle parts storage. In 2001, this site operated as a car and boat repair business, along with storage and assembly of bronze sculptures.

The surrounding parcels are currently used for a combination of commercial and residential. Residential homes exist south of the site across the street from Levey Property.

As of this update, completed investigations include a Preliminary Site Assessment (2006). The BCP application was approved on November 2006 and a Remedial Investigation is currently underway.

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

OU 01

1,1,1-TRICHLOROETHANE
1,1-DICHLOROETHANE
TETRACHLOROETHYLENE (PCE)

Analytical Data Available for : Groundwater, Soil, Soil Vapor

Applicable Standards Exceeded for: Groundwater

Site Environmental Assessment

The primary contaminants of concern at the site known at this time include volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). On-site investigations indicate 1,1,1-trichloroethane, 1,1-dichloroethane and tetrachloroethene exceeding standards, criteria and guidance (SCGs) in the groundwater. Soil samples taken on-site indicate benzo(a)anthracene and benzo(a)pyrene exceeding SCGs.

Groundwater table is shallow (9' below ground surface) and flows in the southerly direction. An off-site investigation is currently planned to determine any VOC impacts down-gradient south of the site.

The nearest public supply well is located right across the street and is north of the site. The well is not expected to be impacted by contaminants from this site since groundwater flow direction is to the south. There are no known public wells downgradient of the site.

This site poses a significant threat to the environment. The NYSDOH has also determined that this site poses a significant threat to public health.

6/17/2009

Site Health Assessment

Surface soils could present a direct contact exposure pathway as the site is not fenced and is within a residential neighborhood. Public water is provided to the local area and is monitored on a regular basis, thus is not considered to be an exposure pathway. The public supply wells are not expected to be impacted in the future by the site's plume. Soil vapor intrusion is a potential exposure pathway under investigation.

Owners

Operators

Current Owner(s)

C/O GERALD N. DAFFNER, ESQ.

ESTATE OF IRVING LEVEY

215 HILTON AVENUE

HEMPSTEAD

NY 11551-1200

Site/Spill No./PIN: C152201

Site/Spill Name: Off-Site Levee Property

Work Plan Template
Work Element: RI/FS

Date: Jun 16, 2009

The scope of work will generally encompass activities contained in Work Element II of Schedule 1, Phased Remedial Investigation/Feasibility Study and other work elements as appropriate in the Engineering Consultant Standby Contract. Remedial Investigations/Feasibility Study (RI/FS) should be conducted in accordance with the "Draft DER-10, Technical Guidance for Site Investigation and Remediation dated 12/25/02" or the latest versions of these documents when available. Quality Assurance/Quality Control (QA/QC) must conform to the most current version of the NYSDEC Analytical Services Protocol (ASP). Soil vapor investigations will be performed in accordance with NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York." Additional information can be found at: http://www.health.state.ny.us/environmental/investigations/soil0gas/svi_guidance

Task 1: Preliminary Activities			
Unless otherwise approved in writing by the Department's project manager, all work shall conform to standby contractor's pre-approved QAPP, HASP and FAP.			
File Review	<input checked="" type="checkbox"/>	Max Hours	194
1 Trip to Site	<input checked="" type="checkbox"/>	Max Hours	16
1 Trip to Albany for Scoping Meeting (may be combined with site visit as discretion of Department's PM)	<input type="checkbox"/>	Max Hours	
Develop Schedule 2.11s	<input checked="" type="checkbox"/>	Max Hours	40
Project Schedule Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Max Hours	
Executive Summary Required for Respository? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Max Hours	
			Total Task 1 Max Hours 250

Notes: Scoping meeting can be combined with the field trip.

Task 2: RI Phase 1							Estimated Subcontract Costs			
1. Well will be installed working 10 hour days, including travel. 2. A qualified environmental professional will supervise the well installation. 3. A senior geologist will make 1 site visit during the well installation. 4. Well development will be performed following well installation. 5. Soil cuttings and development water will placed in NYSDOT-approved 55 gallon drums and stored on-site in one location. 6. All borings and monitoring wells will be surveyed in and a site survey provided. 7. A complete round of water levels will be collected and each well will be checked for DNAPL with interface probe. 8. Data will be evaluated to determine the need for and scope of phase II remedial investigation. 9. Identify SCGs.							Drilling	\$ 25,740		
Component 1: Boring and/or Monitoring Well Installation and Development							Site Survey	\$ 5,000		
							Geophysical	\$ 0		
Boring/Wells installed at locations approved by NYSDEC (see attached figure) <input checked="" type="checkbox"/>							Lab Analysis	\$ 30,000		
# of Wells installed w/ mobilization <input type="text" value="11"/>							Soil Gas	\$ 11,500		
grid spacing <input type="text" value="see Figure 2"/>							Test Pit/Trenching	\$ 0		
Drill Rig <input type="text"/>	Auger Size <input type="text"/>	inches <input type="text"/>	Geoprobe <input checked="" type="checkbox"/>	Depth of Well <input type="text" value="100"/>	Feet <input type="text"/>	Notes	No geophysical is required - drilling is along town right of way and utility lines will be marked prior to drilling.			
Daily <input type="text"/>	Weekly <input type="text"/>	Interval Split Spoon Samples to <input type="text"/>		Feet <input type="text"/>						
XRF <input type="text"/>	Continuous Split Spoon Samples to <input type="text" value="100"/>		Feet <input type="text"/>							
Screened across the water table										
Feet at the deepest point <input type="text"/>	feet <input type="text"/>	Depth of Screen <input type="text"/>	Foot long <input type="text"/>							
Screens made of <input type="text"/>		Inch Diameter <input type="text"/>	Sch <input type="text"/>							
Bedrock Wells <input type="text"/>	Coring Size <input type="text"/>	Steel Casing(s) to protect down hole mitigation <input type="text"/>								
Finish with Flush-mount protective casing <input type="text"/>			Other (specify) <input type="text"/>							
Component 2: Geophysical Survey/ Soil Gas and/ or Test Pits/ Trenches								Max Hours	<input type="text" value="0"/>	
Soil Gas (Volatile Organic Compounds) <input type="text"/>		Geophysical Survey <input type="text"/>		Ground penetrating radar <input type="text"/>				Test pit <input type="text"/>	Trenches <input type="text"/>	
Electromagnetic terrain conductivity <input type="text"/>		Electrical resistivity surveys <input type="text"/>		Magnetometer <input type="text"/>		Daily <input type="text"/>	Weekly <input type="text"/>			
Notes <input type="text"/>										

Component 3: Groundwater, Surface Water, Soil and Sediment Sampling	Max Hours	40
---	-----------	----

Grid Spacing	Notes		
Soil	Ground Water	Surface Water	Sediment
Full TCL List	Full TCL List	Full TCL List	Full TCL List
Pesticides/PCBs	Pesticides/PCBs	Pesticides/PCBs	Pesticides/PCBs
Metals	Metals X	Metals	Metals
Semi-Volatiles	Semi-Volatiles X	Semi-Volatiles	Semi-Volatiles
Volatiles	Semi-Volatiles	Semi-Volatiles	Semi-Volatiles
Petroleum	Petroleum	Petroleum	Petroleum
Mercury or Total Cyanide			
Cat B Deliverables	Cat B Deliverables X	Cat B Deliverables	Cat B Deliverables

Component 4: Fish and Wildlife Impact Assessment	Max Hours	0
--	-----------	---

Assessment through Step II A	
------------------------------	--

Notes	The 'X' mark under semi-volatile in Component 3 should be corrected as volatile.
-------	--

Component 5: Soil Vapor		Max Hours	50
Prior to structure air sampling, an inspection of general site conditions will be performed at each property location		Notes	Do not perform soil vapor sampling prior to receiving the geoprobe groundwater results. Must also do ambient air samples.
Based on analytical results, perform an evaluation to determine the appropriate alternative (sub-slab depressurization system or soil vapor extraction).			
Design an active sub-slab depressurization system in accordance with Radon Mitigation Standards (EPA 402-R-93-078, most recent version) and NYSDEOH SVI Guidance.			
Structures	Sub-slab soil vapor <input checked="" type="checkbox"/> Sump Samples <input type="checkbox"/> Sub Level Air Sample <input checked="" type="checkbox"/> Sub Slab Soil <input type="checkbox"/>		
First Floor Air Sample <input type="checkbox"/>	Sub Slab Ground Water <input type="checkbox"/> Continuous Split Spoon Samples From <input type="checkbox"/> to <input type="checkbox"/> Ft		
Permanent Soil Vapor Points	Feet at deepest point <input type="checkbox"/> feet		
Component 6: Phase I remedial Investigation Report		Max Hours	120
Text		Total Task 2 Mask Hours	310

Notes	No formal report required at this stage if investigation is to be continued into Phase II. The Consultant is required to review the investigation results and recommend if permanent groundwater wells should be installed.
-------	---

Task 3: Second Phase Remedial Investigation

Refer to notes from task 2.

Estimated Subcontract Cost \$ 76,600

Additional Subsurface Investigation and Environmental Sampling

Borings and Samples at location approved by NYSDEC.

of Borings installed with 1 mobilization 4

Drill Rig

Auger Size inches

Geoprobe

Depth of boring 100 feet

Daily

Weekly

Interval Split Spoon Samples to feet

XRF

Continuous Split Spoon Samples from feet to feet

Notes

Details on well construction to be finalized pending results from geoprobe investigation in Task 2.

Screened across the water table

Feet at the deepest point feet

Depth of Screen foot long

Screens made of 6 inch diameter Sch

Bedrock Wells

Coring Size

Steel casings(s) to protect down hole migration

Finish with

Flush-mount protective casing

Other (specify)

Additional Notes

Soil	Ground Water	Surface Water	Sediment
Full TCL List <input type="checkbox"/>	Full TCL List <input type="checkbox"/>	Full TCL List <input type="checkbox"/>	Full TCL List <input type="checkbox"/>
Pesticides/PCBs <input type="checkbox"/>	Pesticides/PCBs <input type="checkbox"/>	Pesticides/PCBs <input type="checkbox"/>	Pesticides/PCBs <input type="checkbox"/>
Metals <input type="checkbox"/>	Metals <input checked="" type="checkbox"/>	Metals <input type="checkbox"/>	Metals <input type="checkbox"/>
Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>	Semi-Volatiles <input type="checkbox"/>
Volatiles <input type="checkbox"/>	Volatiles <input checked="" type="checkbox"/>	Volatiles <input type="checkbox"/>	Volatiles <input type="checkbox"/>
Petroleum <input type="checkbox"/>	Petroleum <input type="checkbox"/>	Petroleum <input type="checkbox"/>	Petroleum <input type="checkbox"/>
Mercury or Total Cyanide <input type="checkbox"/>	Mercury or Total Cyanide <input type="checkbox"/>	Mercury or Total Cyanide <input type="checkbox"/>	Mercury or Total Cyanide <input type="checkbox"/>
Cat B Deliverables <input type="checkbox"/>	Cat B Deliverables <input checked="" type="checkbox"/>	Cat B Deliverables <input type="checkbox"/>	Cat B Deliverables <input type="checkbox"/>

A short duration soil vapor extraction (SVE) system pilot scale test to evaluate the radius of influence and provide design recommendations pertaining to the number of extraction wells, the depth of screen(s), the size of blower(s), the operating vacuum, and anticipated removal rates shall be performed, if necessary.

Phase I and II Remedial Investigation Report

Max Hours 200

Total Task 3 Max Hours 240

Notes: A draft RI report is expected at the end of this task.

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

Level of Effort (Direct labor hours)

Task 1	250
Task 2	310
Task 3	240
Task 4	160
Total	960

Calendar Days:

30
90
150
210
300

Estimated Costs

Estimated Subcontracting Costs	\$ 148,840
Estimated Direct Non-Salary Costs	\$ 10,000
Estimated Project Cost	\$ 257,400

Project Milestones:

Complete Field Activities Plan
Start field work
Results from the Geoprobe sampling and recommendation for further field work
Permanent monitoring well installation begins (pending on geoprobe results)
RI Report issuance

Standby Contract Work Assignment

Site Number: C152201 **Site Name:** Levey Property Off-Site Investigation **Operable Unit:** 2

Project Manager: Chek Beng Ng, Section C, Remedial Bureau A **Telephone:** 402-9620
 John Swartwout, Chief, Section C
 Chittibabu Vasudevan, Director, Bureau A

Site Location (City, Village, or Town, and County):

This site is located at 1305 South Strong Avenue in the Town of Babylon in Suffolk County. It is located on the corner of South Strong Avenue and Victoria Avenue. The corresponding tax map number is 0100-198-02-029. The frontages of the site measure approximately 225 feet along the north side of Victoria Avenue, approximately 200 feet along the west side of South Strong Avenue, and approximately 225 feet along the south side of Chettic Avenue. There is water tower approximately 800 feet northwest from the site. The site is surrounded primarily by industrial/warehouse buildings to the north and west, and residential buildings to the south and east.

Summary of Site History

1951 to 1953	Building was constructed.
1953 to 1994	Site was developed as D.T. Brown, Inc., Manufacturer of Tools, Machines and Metal Products.
1994 to 2001	Site may have been used as a wallpaper printing/production facility, and also a vehicle storage area.
2001 to 2003	According to records on file at the Suffolk County, the property has been occupied by Roman Bronze Works, Inc. and by a car and boat repair business in 2001. The on-site facility became vacant circa 2003.
2003 to present	Site remains vacant until the present day.

Background Information

This site consists of an approximately 45,000-square foot rectangular-shaped parcel of partially concrete-paved, partially unpaved and partially vegetated land and is developed with a one (1)- to two (2)-story commercial building. This site is located in an industrial district designated as zone G. The on-site facility, constructed of brick and masonry in 1951, occupies approximately sixty percent of the site. Cars, plaster sculptures, printing equipment and wallpaper are stored on the first floor. There is a room in the south west corner of the building that contains a diesel generator, an above ground storage tank and kiln for firing ceramics. There is a partial basement located in the northeastern portion of the building consisting of an oil-fired boiler which has been filled by sand by the Town, and is no longer accessible.

Two trailers containing printing equipment and supplies are located on the northwestern portion of the site, which has since been removed. Some soil piles, believed to be brought in from an off-site origin, was also located on the southwest portion of the property. At the time of this writing, it is unknown if the soil piles have been removed. There is a concrete-paved parking area located on the southeastern portion of the site. The remainder of the site consists of partially unpaved and partially vegetated land. Heavy machinery and poor lighting makes it difficult to inspect all areas inside the building.

Site Hydrogeology

The elevation of the site is approximately 21 feet above mean sea level (MSL). Groundwater flow is toward the southerly direction, and the average groundwater table is 9' below ground surface (bgs). Based on data from the nearby *Active Industrial Uniform Site* (ID: 152125) which is located 1.2 miles away, no confining layer have been encountered up to the depth of 50' bgs.

Current Investigations and Findings

A Phase I Environmental Site Assessment (ESA) was performed by G.C. Environmental, Inc in April 2004. A copy of that report is available upon request from the Project Manager. Subsequently, a site investigation report was issued in September 2006 by NYSDEC. At the time of this writing, the on-site portion is accepted under the Brownfield Cleanup Program, and an on-site remedial investigation is currently underway. **The consultant for the off-site investigation should be familiar with the work done under the Phase I ESA and the Site Investigation Report, and leverage information found on both reports to generate a cost-effective and efficient work plan.**

A summary of the site investigation is included below:

Groundwater - Main contamination found on-site is 1,1,1-Trichloroethane (TCA) found primarily in wells located along the eastern end of the site. Maximum TCA contamination is 300 µg/L found at the southeast end of the building. The highest level of tetrachloroethene (PCE) (62 µg/L) is also found at the same location where the maximum TCA is found. Other volatile organic compounds (VOCs) found on-site above State exceedances (in lesser amounts) include 1,1-dichloroethane (38 µg/L), Freon 113 (17 µg/L) and trichloroethene (14 µg/L). Unfiltered groundwater for inorganics detected above standards include antimony (20.1 µg/L), chromium (55.4 µg/L) and manganese (985 µg/L). Semi-volatiles organic compounds (SVOCs) were analyzed in all the groundwater samples, but none was above the standard.

Soil - Not a primary concern, even though some exceedances were observed. No source was identified during the site investigation. More information may be forthcoming pending the on-site remedial investigation results.

Soil Vapor - 1,1,1-TCA (3873 µg/m³) and PCE (4883 µg/m³) were detected in the two on-site soil gas samples.

Work Plan Objectives

The intent of this off-site remedial investigation work plan is as follows:

- a) Track any groundwater plumes which may have migrated off-site from Levey Property.
- b) Gather lithologic and stratigraphic information from all the installed wells.
- c) Perform groundwater sampling off-site from Levey Property.
- d) Perform soil vapor intrusion investigation, pending the results of the off-site groundwater investigation.
- e) Based on the results from (a), (b) and (c), write an off-site remedial investigation report to define the extent of the off-site contamination, and if applicable, write a feasibility study to evaluate the remedial alternatives to address the off-site contamination from Levey Property.

Scope of Work and Task/Subtask Descriptions

NOTE: Whenever possible, all procedures shall follow guidance set in DER-10 and the NYSDOH Soil Vapor Intrusion Guidance Document. For the purposes of Quality Assurance/Quality Control (QA/QC), trip blanks, duplicates, matrix spike/matrix spike duplicates shall be included in the sampling plan where appropriate.

- Task 1 **Pre-Sampling Tasks (including site visit)** - Once the Notice-to-Proceed has been issued, please submit the following for NYSDEC review:
- Schedule 2.11 (from the work budget in this proposed scope of work);
 - Field Activities Plan;
 - MBE/WBE Utilization Plan;
 - Staffing Plan;
 - Site Specific Health and Safety Plan (HASP), and
 - Site Specific Quality Assurance Project Plan (QAPP).

The Consultant will also review the following attached documents before the site visit:

- Site Map
- Planned Sampling Map
- Phase I ESA by GC Environmental, Inc. (issued on April 2004)
- Site Investigation Report, issued September 2006 by ERM

Please contact the Project Manager for electronic documents for (c) and (d).

- Task 2 **Surveying and Investigation Derived Waste (IDW) Disposal** - The locations for all temporary geoprobe wells and installed groundwater wells shall be surveyed. The horizontal positions should be tied into the North American Datum of 1983 and UTM Zone 18N coordinate system. The vertical positions should be tied to the North American Datum of 1988. Any identified permanent monitoring wells in the area of the off-site groundwater monitoring shall be recorded and identified (well construction details), if possible. The site survey information shall be provided on an aerial photograph that indicates current site features (i.e. roads, buildings, etc) and can be utilized as a base map to illustrate site conditions.

IDW consisting of soil cuttings and purge water shall be staged in appropriate container(s) and analyzed to determine the appropriate disposal methods. One composite sample for soil and one composite sample for the groundwater shall be taken from the disposal drums. Soil sample shall be analyzed for VOCs, PCBs, pesticides and inorganics, including TCLP and Total. Groundwater sample (unfiltered) shall be analyzed for VOCs, PCBs, pesticides and inorganics.

- Task 3 **Temporary Geoprobe Wells** - Prior to drilling, please ensure all utility (cable, electric, water, sewer) lines have been properly marked out. Two (2) soil borings (B2-L and D2-L) will be co-located with the groundwater wells as shown in Figure 2 to gather lithologic and stratigraphic information. Geoprobe soil borings to collect the lithologic information shall be done (up to a depth of 100 feet bgs or the first confining layer) **FIRST** to assess the depth of any encountered confining layer.

Conduct eleven (11) geoprobe groundwater wells along the locations noted in Figure 2. There

will be four transects - Transect A, Transect B, Transect C and Transect D. Groundwater samples shall be taken at ten (10) intervals, beginning from the water table and every ten feet after the water table. Maximum depth will be 100 feet bgs or until a confining layer is encountered, per the results from the geoprobe for lithology information. Temporary piezometric wells shall be constructed at all eleven (11) geoprobe groundwater well locations.

- Task 4 **Geoprobe Groundwater Analysis** - All eleven (11) groundwater samples will be analyzed for VOC's using EPA Method 8260 and metals using EPA Method 7000. Two of the groundwater samples from locations B2 and D2 will be analyzed for metals, and shall be performed with unfiltered and filtered samples if the extracted groundwater is more than 50 NTU. A summary of the sample breakdown is provided in Table 1. All samples shall be analyzed by NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory. The laboratory shall provide analytical data in a NYSDEC Analytical Services Protocol Category B data deliverable format. Laboratory data shall be validated by a third party that is independent of the laboratory which performed the analyses and the consultant which performed the fieldwork. A data usability summary report (DUSR) shall be submitted to the NYSDEC.
- Task 5 **Permanent Groundwater Well Installation** - A maximum of four (4) profile groundwater monitoring wells are to be installed off-site from Levey Property. Each profile well shall be capable of sampling three different depths. The locations for those wells, the screened intervals, starting and ending depths will be discussed after the geoprobe results have been received. With the current budgeted amount, monitoring well clusters shall be installed to obtain three (3) discrete samples in order to profile the groundwater column. Depending on data from Task 4, the intervals may be reduced if it is found that the contamination depth is reduced. Split spoon samples shall be collected from two (2) wells to confirm the lithology of the off-site area.
- Task 6 **Multilevel Groundwater Analysis**- All groundwater samples will be analyzed for VOC's using EPA Method 8260 and metals using EPA Method 7000. Metals analysis shall be performed with filtered samples if the extracted groundwater is more than 50 NTU. A summary of the sample breakdown is provided in Table 1. All samples shall be analyzed by NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory. The laboratory shall provide analytical data in a NYSDEC Analytical Services Protocol Category B data deliverable format. Laboratory data shall be validated by a third party that is independent of the laboratory which performed the analyses and the consultant which performed the fieldwork. A data usability summary report (DUSR) shall be submitted to the NYSDEC.
- Task 7 **Soil Vapor Intrusion Analysis** - Pending results from Task 4, soil vapor intrusion may be needed to assess the sub-slab, indoor (lowest floor) and ambient air quality for the nearby residential homes down-gradient of the site. A total of twenty (20) sub-slab samples, twenty (20) indoor air samples and five (5) ambient air samples are budgeted for this work assignment. One ambient air sample shall be taken per test day. One (1) duplicate sample shall be included per twenty (20) samples. Summa-canisters shall be individually certified. All soil vapor intrusion testing shall follow the guidelines set in the *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)*. Any departure from the sampling guidelines shall be notified to the Project Manager and recorded in the final report. EPA method TO-15 shall be used to analyze the Summa-cannisters.

Task 8

Report Preparation - At minimum, the off-site investigation report should include the following deliverables:

- a) local groundwater flow contours;
- b) vertical cross-sections drawn along the direction of local groundwater flows, showing the extent of VOC contamination contour and the presence of any clay lens/confining layer with depth bgs;
- c) spider maps showing VOC concentrations above Class GA Groundwater Standards for all the proposed groundwater geoprobe and profile wells;
- d) areal VOC contour maps showing the spread of contamination on a chosen depth(s) bgs;
- e) observations regarding trends of increasing/decreasing/unchanged concentrations from upgradient wells to down-gradient wells; and
- f) well construction logs.

Should the results indicate that a remedy is needed to address any off-site contamination, please follow the guidelines from DER-10, Section 4 (Remedy Selection) for specific information which is needed for the Feasibility Study.

TABLE 1
Sample Summary

Task	TCLP	VOC	SVOC	Pesticide	PCB	Metals
Task 4 - Groundwater						
Water Sampling		110	0	0	0	20
Trip Blank		6	0	0	0	1
Field Blank		6	0	0	0	1
Duplicates		6	0	0	0	1
MS/MSD		6	0	0	0	1
Task 6 - Groundwater						
Water Sampling		12	0	0	0	12
Trip Blank		6	0	0	0	6
Field Blank		6	0	0	0	6
Duplicates		1	0	0	0	1
MS/MSD		1	0	0	0	1
Task 7- Soil Vapor						
SV Sampling		45				
Trip Blank		0				
Field Blank		0				
Duplicates		3				
Task 2 - IDW Disposal						
Soil	1	1	1	1	1	1
Groundwater		1	1	1	1	1

Notes:

1. All samples shall be analyzed by an ELAP certified laboratory.
2. Analytical data shall be reported by the laboratory in a NYSDEC Analytical Services Protocol Category B deliverable format.
3. Soil samples shall be analyzed for Toxicity Characteristic Leaching Procedure (TCLP) by EPA method 1311 if leachable metals are found. VOCs will be analyzed by EPA method 8021B, SVOC by EPA Method 8270C, Pesticide by EPA Method 8081A, PCB by EPA Method 8082, and metals by EPA Method 7000.
4. Groundwater samples shall be analyzed for VOC by EPA Method 8260, SVOC by EPA Method 8270C, Pesticides by EPA Method 8081A, PCBs by EPA Method 8082, and metals by EPA Method 7000. If turbidity is greater than 50 NTU, a filtered sample shall be collected for metals analysis.
5. Air samples shall be analyzed for VOC by EPA Method TO-15.
6. Preliminary sample results shall be provided whenever feasible, and final sample results shall be provided within the standard turnaround time (30 days).
7. For characterization tasks, only analyze the groundwater if field activities indicates visual/PID anomalies.

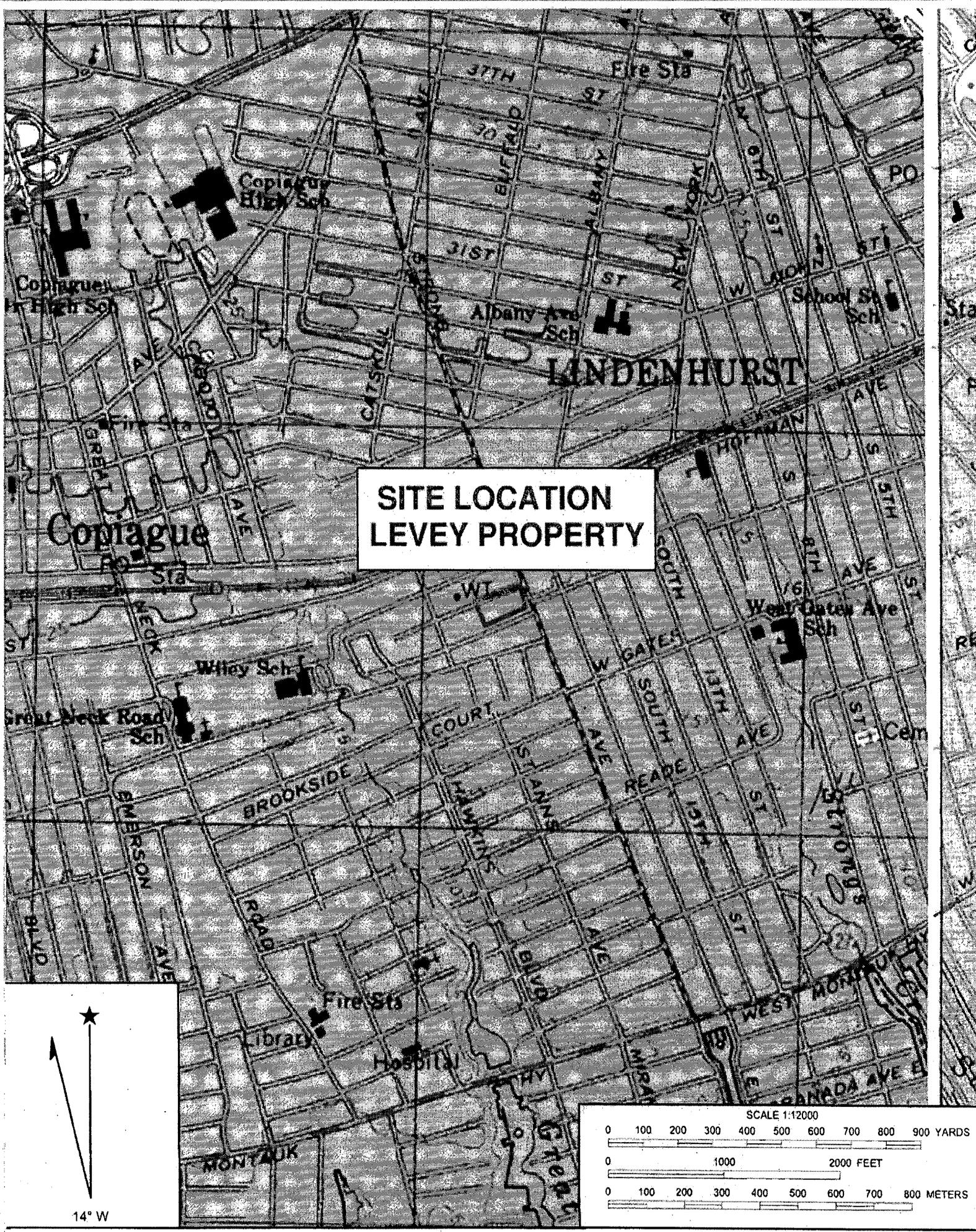
Estimate of RI/FS Work Assignment Budget

TASK	DESCRIPTION	BUDGETED AMOUNT (\$)
1	Pre-Sampling Tasks (including site visit)	15,000
2	Surveying and IDW Disposal	7,500
3	Temporary Geoprobe Wells	38,500
4	Geoprobe Groundwater Analysis	30,000
5	Permanent Groundwater Well Installation	81,000
6	Multi-level Groundwater Analysis	10,400
7	Soil Vapor Intrusion Analysis	20,000
8	Report Preparation	55,000
	TOTAL	257,400

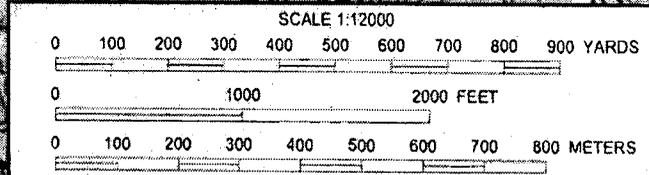
Project Schedule: As agreed upon in the Work Plan submitted by the Consultant.

Special Considerations

1. A total of four (4) copies of the draft design report shall be submitted to the DEC for review and comment. Upon receipt of these comments, the consultant shall revise the report and print the requested number of final copies indicated in the comment letter. One copy of the final report; text, tables, maps, photos, etc., will be submitted as a single pdf file. All electronic files should be submitted to the Division on a Compact Disc.
2. All collected samples must be analyzed by an ELAP-certified laboratory.
3. The chemical and geologic data are to be submitted in the most recent version of the NYSDEC EDD with the final report submission. Currently this is the USEPA National EDD or Multimedia EDD format.
4. All field activity logs and/or field notes may be included in the final report as an appendix, and therefore **MUST BE LEGIBLE**.



**SITE LOCATION
LEVEY PROPERTY**



Name: AMITYVILLE
 Date: 8/31/2006
 Scale: 1 inch equals 1000 feet

Location: 040° 40' 49.43" N 073° 23' 19.89" W
 Caption: FIGURE 1:
 1305 SOUTH STRONG AVE
 COPIAGUE, NY 11726

Figure 2: Off-Site Levey Property Groundwater Investigation



DOB/Office of the Director of State Operations Approved Request

Agency Code: 09000

Agency: Environmental Conservation, Department of

Request #: 09000-1074-2009

Request Type: Contracts - New

NPS Type: N/A

Agency Contact: Nancy Lussier - 518-402-9228

Date Submitted to DOB: 07/20/2009

Request Title: New Standby Engineering Work Assignment

Description: Shaw Environmental and Infrastructure of New York - D006132 Work Assignment #7 - Levey Property - Site #C152201. Funds are needed to investigate off-site groundwater contamination from Levey Property. SVI investigation may also be conducted pending results from groundwater analysis.

Justification: The large number of sites, heightened public awareness and the dual goals of protecting human health and the environment all contribute to environmental remediation programs being critical to DER's core mission. If this spending request is not approved, DER would be unable to perform the remedial investigation/feasibility study and eventual clean up.

Status

Status: Approved

Date Approved: 07/27/2009

DOB Approver: Nancy Reuss

Unit: Economic Development, Energy and
Environment Unit

Validated by the Office of the Director of State Operations

Estimated Value

This Request: \$ 257,400.00

Attachment A Request Form

Fields in Red must be Completed

Division / Region:

Department of Environmental Conservation

Contact:

Michael Cruden

Contact Phone:

(518) 402-9719

Cost Center:

680101

Variable:

L6

Year:

07

Request Date:

07/07/2009

Request Title:

New Standby Engineering Work Assignment

Request Type:

Contracts - New

NPS Type:

[REDACTED]

Contract Term: From

10/01/2008

To:

09/30/2015

Fund Type:

Capital Projects Funds - Other

Description:

Shaw Environmental and Infrastructure of New York - D006132 Work Assignment #7 - Levey Property - Site #C152201. Funds are needed to investigate off-site groundwater contamination from Levey Property. SVI investigation may also be conducted pending results from groundwater analysis.

If the standby contractor has a conflict of interest with a responsible party for this site, the work assignment will be issued to an alternate engineering standby contractor. +

Justification:

The large number of sites, heightened public awareness and the dual goals of protecting human health and the environment all contribute to environmental remediation programs being critical to DER's core mission. If this spending request is not approved, DER would be unable to perform the remedial investigation/feasibility study and eventual clean up. Delays in implementing the cleanup will likely result in increased costs due to further migration of contaminants and inflation.

Additional Information:

The funding source for this work assignment is the Hazardous Waste Cleanup Account. An encumbrance is needed for a new Standby Engineering work assignment. Notice to Proceed for the work assignment will be issued upon receipt of an approved attachment A. The term of the work assignment is 730 calendar days. The standby engineering contract expires on September 30, 2015.

Estimated Total Value of this Request:

\$257,400.00

2009-10 Fiscal Year Disbursements:

\$128,700.00

Estimated 2010-11 Disbursements:

\$128,700.00

Estimated 2011-12 Disbursements:

[REDACTED]

Print Form

Submit by E-mail

For Management and Budget Use Only

ReqNo

Dt

Alt No

For Management and Budget Use Only

Comments:

Approvals and Notes:

Commissioner

Date:

Jack McKeon

Nancy Lussier

Budget Analyst Supervisor

Budget Analyst

Bill Herman / Susan Moore

From: Michael Cruden
To: Lisa Lagasse
Date: 7/6/2009 11:00 AM
Subject: Fwd: Levey Property, Site No. (C152201)
Attachments: Levey Property, Site No. (C152201)

please prepare Att A for Shaw

From: Lisa Hunter
To: Cruden, Michael
CC: Chek Ng; Chittibabu Vasudevan; Dale Desnoyers; Donna Weigel; John Sw...
Date: 7/3/2009 10:50 AM
Subject: Levey Property, Site No. (C152201)
Attachments: memo.hw152201.2009-07-03.work_assignment_issuance_request.pdf

Please see the attached memo signed by John Swartwout through Chittibabu Vasudevan on July 3, 2009.

This email copies you on correspondence from the New York State Department of Environmental Conservation, Division of Environmental Remediation. Electronic documents are attached. Attached documents have been placed in edocs. A hard copy version will not follow in the mail. Please contact Lisa Hunter at (518) 402-9625 if you experience problems with this transmission.

*Work Assignment Issuance Request Memo for
Engineering Standby Contracts*

MEMORANDUM

TO: Mike Cruden, Chief, Contracts and Payments Section, DER

FROM: John Swartwout, Section Chief, Bureau A, Section C
through Chittibabu Vasudevan, Director, Remedial Bureau A

SUBJECT: Work Assignment Issuance Request

DATE: JUL - 3 2009

Site Name and Number, Location: Levey Property (Site ID: C152201) is located in the town of Babylon in Suffolk County.

Site Information: See attached copy of UIS report.

Conflict of Interest: See attached.

Work Element: Off-site RI/FS

Duration: 24 months

Estimated Budget: \$ 257,400

Funding Source: State Superfund

Brief Description of Scope of Work: The objective of this work assignment is to investigate off-site groundwater contamination from the Levey Property BCP site. Soil vapor intrusion investigation may also be conducted pending results from the off-site groundwater analysis. This work assignment also includes funding for a feasibility study should any off-site remediation be needed.

Attachments

cc: D. Desnoyers
S. Ervolina
D. Weigel
C. Vasudevan
J. Swartwout
W. Parish
C. Ng

Conflict of Interest List:

1) D.T. Brown, Inc.

Manufacturer of Tools, Machines and Metal Products

Address Unknown - it is believed that they have filed Chapter 11.

2) Roman Bronze Works, Inc.

Address Unknown

From: Lindsay Sjolholm
To: Lisa Lagasse
Date: 11/2/2009 3:29 PM
Subject: D006132-7

Hi Lisa,

The above encumbrance for \$254,751.00 went clean!

Lisa Lagasse - FYI: CONTRACT ENCUMBRANCE 006132-7 has been approved

From: FMIS Production Workflow Mailer <wfmailer@dec.state.ny.us>
To: "LAGASSE, LISA M" <lmlaga@gw.dec.state.ny.us>
Date: 11/2/2009 11:37 AM
Subject: FYI: CONTRACT ENCUMBRANCE D006132-7 has been approved
Attachments: Notification Detail.html

From CONTRACT UNIT,
To LAGASSE, LISA M
Sent 02-NOV-09 11:35:28
ID 471893

CONTRACT ENCUMBRANCE D006132-7 has been approved.

CONTRACT ENCUMBRANCE D006132-7 Amount: USD 254,751.00; Tax: USD 0.00.
Description:

Preparer: LAGASSE, LISA M

Note:

Release Shipment Details

Shipment number	Item Number	Rev.	Item Description	UOM	Quantity	Unit Price	Location
1			Standby Design/Constr Contract	USD	254751	1	CENT 5027

Approval Sequence

Sequence	Who	Action	Date	Note
3	CONTRACT UNIT,	Approve	02-NOV-09	
2	LAGASSE, LISA M	Forward	02-NOV-09	
1	LAGASSE, LISA M	Submit	02-NOV-09	
0	LAGASSE, LISA M	Reserve	02-NOV-09	

Andrea Indelicato - FYI: CONTRACT ENCUMBRANCE D006132-7 has been approved

From: FMIS Production Workflow Mailer <wfmailer@dec.state.ny.us>
To: "INDELICATO, ANDREA" <alindeli@gw.dec.state.ny.us>
Date: 1/16/2013 3:55 PM
Subject: FYI: CONTRACT ENCUMBRANCE D006132-7 has been approved
Attachments: Notification Detail.html

From: CONTRACT UNIT,
To: INDELICATO, ANDREA
Sent: 16-JAN-2013 15:58:49
ID: 649015

Shaw

*D006132-7, Levesy Property
 Project Accounting 100268, 2009
 Release Line 7, 1, 4, 1*

CONTRACT ENCUMBRANCE D006132-7 has been approved.

CONTRACT ENCUMBRANCE D006132-7 Amount: USD 274,339.58; Tax: USD 0.00.
 Description:

Preparer: INDELICATO, ANDREA

Quote:

Release Shipment Details

Shipment number	Item Number	Rev.	Item Description	UOM	Quantity	Unit Price	Location	Ship-To Organization	Need-By Date	Amount
2			Standby Design/Constr Contract	USD	22515.75	1	CENT 5027	DEC INVENTORY MASTER		
3			Standby Design/Constr Contract	USD	16812.38	1	CENT 5027	DEC INVENTORY MASTER		
4			Standby Design/Constr Contract	USD	2776.2	1	CENT 5027	DEC INVENTORY MASTER		

Approval Sequence

Sequence	Who	Action	Date	Note
17	CONTRACT UNIT,	Approve	16-JAN-2013	
16	INDELICATO, ANDREA	Forward	16-JAN-2013	
15	INDELICATO, ANDREA	Submit	16-JAN-2013	
14	INDELICATO, ANDREA	Reserve	16-JAN-2013	
13	CONTRACT UNIT,	Approve	13-NOV-2012	
12	INDELICATO, ANDREA	Forward	13-NOV-2012	
11	INDELICATO, ANDREA	Submit	13-NOV-2012	
10	INDELICATO, ANDREA	Reserve	13-NOV-2012	
9	CONTRACT UNIT,	Approve	07-MAY-2012	
8	INDELICATO, ANDREA	Forward	30-APR-2012	
7	INDELICATO, ANDREA	Submit	30-APR-2012	
6	INDELICATO, ANDREA	Open	30-APR-2012	Update Closure Status Rolled Up
5	INDELICATO, ANDREA	Reserve	30-APR-2012	
4	NASH, BRIDGET M	Close	28-MAR-2012	Close status rolled up
3	CONTRACT UNIT,	Approve	02-NOV-2009	
2	LAGASSE, LISA M	Forward	02-NOV-2009	
1	LAGASSE, LISA M	Submit	02-NOV-2009	
0	LAGASSE, LISA M	Reserve	02-NOV-2009	

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

To: File
 From: Andrea Indelicato, Contracts and Payments Section, Division of Environmental Remediation
 Subject: Closeout cost adjustments for D006132-7, Levey Property Off-Site
 Date: 11/9/2012

Fixed Fee Analysis:

1. Base LOE* (hr.):	1574
2. Closeout LOE (hr.):	2092
3. Percentage Change LOE (Closeout-Base/Base x 100):	32.9%
4. Is a Fixed Fee adjustment needed?	Yes
5. Original Fixed Fee:	\$12,414
6. Fixed Fee due at WA closeout:	\$15,195
7. Fixed Fee claimed at WA closeout:	\$15,195
8. Increase/Decrease to total Fixed Fee paid out**:	\$0.00

*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. ADT	\$26,482.77	\$1,324.14	\$1,229.70	\$94.44
2. Centek*	\$12,510.00	\$625.50	\$625.50	\$0.00
3. EQA	\$1,745.00	\$0.00	\$0.00	\$0.00
4. Aztech*	\$30,169.51	\$1,508.48	\$0.00	\$1,508.48
5. Zebra	\$13,100.72	\$655.04	\$655.04	\$0.00
6. Mitkem	\$18,087.80	\$904.39	\$0.00	\$904.39
7. Data Validation Services*	\$2,699.00	\$134.95	\$0.00	\$134.95
8. Innovative Recycling Technologies*	\$4,082.81	\$204.14	\$0.00	\$204.14
Total increase/decrease to subcontract management fees:				\$2,846.39
* M/WBE				

Amount requested on final CAP:	<u>\$13,966.00</u>
Adjustment to Fixed Fee:	<u>\$0.00</u>
Adjustment to Subcontract Management Fees:	<u>\$2,846.39</u>
Amount of final payment:	<u>\$16,812.39</u>

Andrea Indelicato - FYI: CONTRACT ENCUMBRANCE D006132-7 has been approved

From: FMIS Production Workflow Mailer <wfmailer@dec.state.ny.us>
To: "INDELICATO, ANDREA" <alindeli@gw.dec.state.ny.us>
Date: 11/13/2012 1:23 PM
Subject: FYI: CONTRACT ENCUMBRANCE D006132-7 has been approved
Attachments: Notification Detail.html

From **CONTRACT UNIT,**
 To **INDELICATO, ANDREA**
 Sent **13-NOV-2012 13:25:54**
 ID **639741**

shaw
D006132-7, Levely Property
Project Accounting 2009, 100%
Release Line 7,1,3,1

CONTRACT ENCUMBRANCE D006132-7 has been approved.

CONTRACT ENCUMBRANCE D006132-7 Amount: USD 271,563.38; Tax: USD 0.00.

Description:

Preparer: INDELICATO, ANDREA

Note:

Release Shipment Details

Shipment number	Item Number	Rev.	Item Description	UOM	Quantity	Unit Price	Location	Ship-To Organization	Need-By Date	Amount
2			Standby Design/Constr Contract	USD	22515.75	1	CENT 5027	DEC INVENTORY MASTER		
3			Standby Design/Constr Contract	USD	16812.38	1	CENT 5027	DEC INVENTORY MASTER		

Approval Sequence

Sequence	Who	Action	Date	Note
13	CONTRACT UNIT,	Approve	13-NOV-2012	
12	INDELICATO, ANDREA	Forward	13-NOV-2012	
11	INDELICATO, ANDREA	Submit	13-NOV-2012	
10	INDELICATO, ANDREA	Reserve	13-NOV-2012	
9	CONTRACT UNIT,	Approve	07-MAY-2012	
8	INDELICATO, ANDREA	Forward	30-APR-2012	
7	INDELICATO, ANDREA	Submit	30-APR-2012	
6	INDELICATO, ANDREA	Open	30-APR-2012	Update Closure Status Rolled Up
5	INDELICATO, ANDREA	Reserve	30-APR-2012	
4	NASH, BRIDGET M	Close	28-MAR-2012	Close status rolled up
3	CONTRACT UNIT,	Approve	02-NOV-2009	
2	LAGASSE, LISA M	Forward	02-NOV-2009	
1	LAGASSE, LISA M	Submit	02-NOV-2009	
0	LAGASSE, LISA M	Reserve	02-NOV-2009	