

**New York State Department of Environmental Conservation**

**Division of Environmental Remediation**

**Bureau of Program Management, 12<sup>th</sup> Floor**

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Joe Martens  
Commissioner

OCT - 5 2012

David Babcock, P.E.  
Parsons Engineering of NY  
301 Plainfield Rd, Suite 350  
Syracuse, NY 13088

RE: WA Approval Letter  
Contract/WA No.: D007623-05  
Site: Bomax Manufacturing  
Site No.: 623009  
Work Element: RI/FS

Dear Mr. Babcock:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) hereby approves the enclosed Scope of Work (Schedule 1) and related Budget (Schedule 2.11s) for the above referenced work assignment (WA) for a total not to exceed amount of \$185,428.

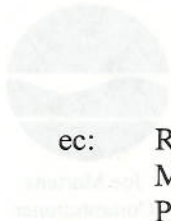
Your firm may now submit a request for reimbursement for work completed to date under this WA, in accordance with the contract requirements.

If you have any questions regarding the WA, please contact the Project Manager, Peter Ouderkirk, by phone at (315) 785-2584 or by email at [jxcandil@gw.dec.state.ny.us](mailto:jxcandil@gw.dec.state.ny.us).

Sincerely,

Donna Weigel  
Director  
Bureau of Program Management  
Division of Environmental Remediation

Enclosures



cc: R. Schick  
M. Ryan  
P. Taylor  
P. Ouderkirk  
E. Obrecht  
P. Kappeller  
D. Finlayson  
M/WBE Unit

New York State Department of Environmental Conservation  
Division of Environmental Remediation  
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OCT - 8 2012

David Bascock, P.E.  
Personnel Engineering of NY  
301 Plainfield Rd. Suite 330  
Syosset, NY 11788

WA Approval Letter  
Contract WA No. 1007021-02  
Site: Bronx Manufacturing  
Site No.: 013009  
Work Element: RI 12

Dear Mr. Bascock:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) hereby approves the enclosed Scope of Work (Schedule 1) and related Budget (Schedule 2.11) for the above referenced work assignment (WA) for a total not to exceed amount of \$153,438.

Your firm may now submit a request for reimbursement for work completed to date under this WA in accordance with the contract requirements.

If you have any questions regarding the WA, please contact the Project Manager, Brian Gaudin, by phone at (518) 782-2584 or by email at [bgaudin@dec.state.ny.us](mailto:bgaudin@dec.state.ny.us).

Sincerely,

*Robert Weigel*

Robert Weigel  
Director  
Bureau of Program Management  
Division of Environmental Remediation

Enclosures

bec: D. Weigel  
L. Lewis  
T. Wolosen



**SCHEDULE 1  
SCOPE OF WORK  
REMEDIAL INVESTIGATION FOR THE FORMER BOMAX MANUFACTURING SITE  
WATERTOWN, NEW YORK**

**1.0 BACKGROUND AND PROJECT OBJECTIVES**

***Location***

The former Bomax Manufacturing site (the Site) is located at 6393 Coffeen Street in Watertown, New York. The Site is adjacent to New York State Interstate 81 located to the east, Outer Coffeen Street to the north, and Salmon Run Mall Road to the west.

***Site Features***

The main Site feature includes a large abandoned manufacturing facility with office space at the northern end. The Site is relatively flat with a large paved parking lot located to the east of the manufacturing facility. The Site consists of two parcels. The first is approximately 5.6-acres and contains the former Bomax Manufacturing facility, an approximate 60,000 square foot building. A former underground storage tank (UST) was located along the southwestern side of the building as shown on Figure 1. This UST was removed and approximately 93 tons of solvent contaminated soil was excavated in this area. An underground 10,000-gallon wastewater tank is located adjacent to the southeast corner of the building. This tank reportedly received discharge from unplugged floor drains.

The adjoining parcel is located to the south of the former Bomax Manufacturing facility and is vacant land approximately 1.5-acres in size. A former septic tank and leachfield is located within the southern parcel as approximately shown on Figure 1. Use of the leachfield was discontinued and lines from the septic tank to the leachfield were plugged. The septic tank was then used as a holding tank for domestic wastewater and was periodically pumped out when necessary.

The Site is served by public water.

***Current Zoning and Surrounding Land Use***

The Site is zone for light manufacturing use and is currently leased for outdoor equipment storage and truck parking. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility rights-of-way. The nearest residential area is approximately 0.5 miles to the west.

***Historic Use***

The Site was used as a small motor manufacturing facility from 1965 until approximately 2004. The building is currently vacant.

***Site Geologic and Hydrogeologic Conditions***

The Site exhibits little relief with an elevation change of less than 20-feet. Soils consist of very fine-grained sands and clayey silt. The overburden extends to between approximately 3 to 6 feet below grade. Bedrock is composed of limestone. Groundwater is present in the shallow bedrock and some areas in the overburden. Regional groundwater flow in the deeper bedrock is likely toward the Black River to the north of the Site. Site-specific groundwater flow in the shallow bedrock may be radial as topographic low areas are present in the form of wetland to the west and south of the Site, and the road cut for Interstate 81 to the east.

***Environmental Conditions***

Based on investigations conducted to date, the primary contaminants of concern are chlorinated volatile organic compounds (CVOs) including tetrachloroethene (PCE), trichloroethene (TCE), 1,1,1-trichloroethane (111-TCA), and vinyl chloride. In addition to these CVOs, benzene, toluene, ethylbenzene, and xylene (BTEX), and 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113) have also been detected.

Two areas of environmental concern identified during historic investigations include:



1) A 5,000 gallon septic tank and adjoining leachfield located at the south end of the property. Floor drains are reported to have discharged into the septic tank, and solvents were alleged to have been present in the discharges.

2) A former underground storage tank (UST) that contained solvents located on the west side of the building.

In addition, a follow up soil vapor investigation conducted by NYSDEC during 2006 identified three additional potential areas of environmental concern as follows: 1) along the east side of the building, 2) along the south side of the building, and 3) near a former drum storage area presumed to be located on the southwest corner of the parking area southeast of the building.

An additional area of potential concern is the 10,000-gallon underground wastewater tank located adjacent to the southeast corner of the building. This area of the Site had not been investigated previously.

The affected environmental media include soil, shallow overburden groundwater in the vicinity of the leachfield, bedrock groundwater, surface water/sediment in the wetland area to the west, soil vapor, and potential migration of vapor to indoor air within the Site boundary.

### **Project Objectives**

It is our understanding that the NYSDEC anticipates completion of an IRM to address impacted soil and groundwater. With this understanding in mind, the objectives of the Phase I Remedial Investigation (RI) are to evaluate the following:

- the nature and extent of CVOCs that had been detected previously in soil and groundwater associated with areas of environmental concern
- the direction of groundwater flow in the shallow bedrock beneath the Site
- surface soil, subsurface soil, and overburden groundwater quality within the vacant southern parcel

Per the direction of the NYSDEC project manager, a feasibility study (FS) will not be included as part of this work assignment. Based on previous investigations, it is likely that an interim remedial measure(s) will be conducted prior to completion of the FS. Also, it is assumed that a Fish and Wildlife Impact Analysis (FWIA) and Human Health Exposure Assessment will not be completed as part of this work assignment.

## **2.0 PRELIMINARY ACTIVITIES (TASK 1)**

Preliminary activities include preparation of this scope of work and associated New York State Department of Environmental Conservation (NYSDEC) contract-related forms, participating in the initial site visit, and reviewing available Site-related file information provided by NYSDEC to date.

## **3.0 PHASE I REMEDIAL INVESTIGATION (TASK 2)**

The following activities will be conducted as part of the Phase I RI field investigation:

- Soil borings and subsurface soil sampling and analysis;
- Temporary groundwater monitoring well installation, sampling, and analysis;
- Surface soil sampling and analysis;
- Permanent shallow bedrock monitoring well installations; and
- Shallow bedrock groundwater sampling and analysis.

The general approach for implementation of the Phase I RI will be to first complete the soil borings, temporary monitoring wells, and surface soil sampling. Field observations during these activities will be used to address the need for additional soil borings and/or groundwater samples, or re-location of the proposed shallow bedrock monitoring wells.



The Phase I RI will be conducted in accordance with NYSDEC guidelines outlined in DER-10. Field activities will be conducted in accordance with the Field Activities Plan (FAP), Quality Assurance Project Plan (QAPP) and the Health and Safety Plan (HASP) prepared and approved for this contract. Information regarding potential Site-specific hazards, as well as potential hazards associated with implementation of the work (*i.e.* drilling and sampling activities) will be provided on Job Safety Analysis (JSA) forms that will accompany the HASP. During implementation of ground-intrusive work, work area breathing zone monitoring will be conducted for volatile organic compounds using a photoionization detector (PID). It is assumed that a Community Air Monitoring Plan (CAMP) will not be required for this project based on the following: 1) the soil borings and/or monitoring well borings will not be left open for extended periods of time thus minimizing the potential for impacts to ambient air; 2) there are few potential human receptors in close proximity to the Site (I-81 to the east, vacant land to the north and west, and a trucking business to the south that involves refueling and petroleum handling); 3) appropriate engineering controls will be utilized if breathing zone PID readings are observed at concentrations continuously greater than 25 ppm while work is in progress, or visible dust is observed leaving the work area.

Investigation-derived waste (IDW), including excess soils, decontamination rinsates, well development water, and purge water will be placed in Department of Transportation-approved 55-gallon drums. The excess soil IDW will be characterized as hazardous or non-hazardous based on samples collected and analyzed by Toxicity Characteristic Leaching Procedure (TCLP). The water-based IDW will be characterized using total analyses. Subsequent to characterization, the IDW will be disposed of in accordance with applicable NYSDEC regulations.

The analytical scope of work is summarized in Table 1.

Proposed locations for soil borings, surface soil samples, and shallow bedrock monitoring wells are shown on Figure 1.

### 3.1 SOIL BORINGS

To evaluate the nature and extent of contaminated soil, soil borings will be advanced using direct-push drilling methods in accordance with the Section 2.1.1 of the FAP. Soil samples will be collected continuously to the top of bedrock at each location. Upon retrieval, each soil sample will be described for: 1) percent recovery; 2) soil type; 3) color; 4) moisture content; 5) texture; 6) grain size and shape; 7) consistency; 8) evidence of staining or other chemically-related impacts; and 9) any other relevant observations. In addition, soil will be screened with a photoionization detector (PID) to allow evaluation of the bulk volatile organic concentration of each soil sample. Soils will be described in accordance with the Unified Soil Classification System (USCS). This descriptive information will be recorded on a soil boring log form.

Samples for headspace screening will be collected. A representative portion of each soil sample will be placed in a re-sealable plastic (*e.g.*, Ziploc®) bag filled approximately half full. The bag will be labeled with the boring number and interval sampled. After allowing the bagged soil to warm, the tip of the sample probe attached to the PID will be inserted into the bag to measure the headspace for organic vapors.

Based on visual, olfactory, and/or PID screening, one soil sample will be selected for laboratory analysis as specified on Table 1.

If saturated soils are encountered within a borehole, a temporary monitoring well will be installed as discussed in Section 3.2. If saturated soils are not encountered, the borehole will be backfilled using soil cuttings mixed with bentonite, provided that the soil does not exhibit obvious indicators of contamination. If soils do exhibit obvious indicators of contamination, the soil will be contained in Department of Transportation-approved 55-gallon drums, and the borehole will be backfilled with bentonite.

Direct-push sampling equipment will be decontaminated using non-phosphate detergent wash followed by potable water rinse. The decontamination fluids will be containerized in Department of Transportation-approved 55-gallon drums.



### **Assumptions**

- Thirty-seven soil borings will be advanced as part of the Phase I RI in the general areas as shown on Figure 1.
- Bedrock will be encountered within 8 feet of the ground surface.
- One soil sample will be analyzed from each boring for the parameters shown on Table 1.
- Soil borings will be completed within ten 10-hour work days.
- Work will be conducted in Level D personal protection.

## **3.2 TEMPORARY MONITORING WELL INSTALLATION AND SAMPLING**

If saturated soils are encountered in a borehole, a temporary 1-inch diameter PVC monitoring well will be installed. Given the shallow depth to the top of bedrock (3 to 6 feet below grade), the approach to installing the temporary well will be to place 0.010-inch slot screen into the borehole extending to approximately 1-ft below grade followed by backfilling the annular space between the well and the borehole wall with filter sand to the top of the well screen. Bentonite will then be placed atop the filter sand.

Subsequent to installation, the temporary wells will be developed to the extent practicable (determined by how readily the groundwater level in the well recovers) using disposable bailers. Temporary wells that exhibit low recovery rates will be sampled after a sufficient water volume has entered the well to allow filling of sample containers. Temporary wells that exhibit recovery rates that allow continuous development will be developed for a longer period to reduce turbidity to the extent practicable. A turbidity level of 50 nephelometric units (NTUs) will initially be established as the development goal; however, if this appears unattainable, as evidenced by little decrease in turbidity over time, development will be terminated.

Groundwater samples will be collected using disposable bailers as soon as sufficient water has entered the well to fill the sample containers.

### **Assumptions**

- Eighteen temporary monitoring wells will be installed, sampled, and analyzed for the parameters shown on Table 1.
- The temporary monitoring well installation, development, and sampling will be completed within 2-hours per location, for a total of 36 hours.
- Work will be conducted in Level D personal protection.

## **3.3 SEPTIC TANK / WASTEWATER TANK SAMPLING**

During the Site visit conducted on August 1, 2012, water was observed to be present in the septic tank. To evaluate whether the contents contain residual contaminants, one sample will be collected from the septic tank during the Phase I RI. The sample will be collected using a disposable bailer and will be analyzed for the parameters shown on Table 1.

If possible, one sample will also be collected from the 10,000-gallon wastewater tank located near the southeast corner of the building. Currently, it is not clear whether this tank is accessible for sampling or if liquids are present in the tank. During the Phase I RI, the area around where the tank is located will be inspected for a potential access point(s) from which to evaluate if the tank contains liquids, and if present, how it can be sampled. If it is accessible to sampling, a sample will be collected and analyzed for the parameters shown on Table 1.

## **3.3 SURFACE SOIL SAMPLING**

Surface soil samples will be co-located with select soil borings, and as such will be collected using direct-push drilling methods. Each surface soil sample will consist of homogenization of the 0 to 2-inch soil depth, except



those to be analyzed for volatile organic compounds (VOCs), which will be collected directly from the soil sampling device. Soil homogenization will be conducted by placing the soil into a disposable aluminum pan and mixing thoroughly with disposable scoops. The homogenized sample will then be divided and placed in the sample containers.

#### **Assumptions**

- Ten surface soil samples will be collected and will be co-located with select soil boring locations as shown on Figure 1.
- Surface soil samples will be analyzed for the parameters shown on Table 1.

### **3.4 SHALLOW OPEN-HOLE BEDROCK MONITORING WELL INSTALLATIONS**

Six shallow, open-hole bedrock monitoring wells will be installed around the perimeter of the Site. Proposed locations are shown on Figure 1. The locations of these wells may change based on observations made during soil boring and temporary well sampling activities. The shallow bedrock wells will be installed using a combination of hollow stem augering and coring drilling methods. Initially, 6.25-inch inside diameter hollow stem augers will be advanced to the bedrock surface. During auger advancement, soil samples will be collected at continuous 2-ft intervals from the ground surface to the top of bedrock using split barrel samplers. Upon reaching the top of bedrock, a nominal 6-inch diameter roller bit will be used to drill a socket approximately 2-ft into the bedrock. A 4-inch diameter steel casing will be installed through the auger string and grouted in-place as the auger string is retracted. The grout will be allowed to cure for a minimum of 12-hours prior to further advancement of the bedrock borehole. Subsequent to curing of the grout, a borehole will be advanced into the bedrock using HQ coring equipment to an estimated depth of 30-ft below grade. Upon retrieval, the cores will be described for: 1) percent recovery; 2) rock quality designation (RQD); 3) color; 4) fracturing; 5) texture; and 6) evidence of staining or other chemically-related impacts; and 7) any other relevant observations. In addition, soil will be screened with a photoionization detector (PID) to allow evaluation of the bulk volatile organic concentration of each core sample.

A concrete well pad will be constructed around the base of the 4-inch casing of each bedrock well. Each bedrock well casing will be fitted with a lockable well cap.

Each bedrock monitoring well will be developed. Development will be performed by surging and purging the well using either a bailer or pump, as appropriate, to remove the fine-grained material which may have settled within the well, to remove introduced drilling fluids, and to provide better hydraulic communication with the surrounding formation. Groundwater parameters will be recorded prior to development, after removal of each well volume during development, and at the conclusion of development. Parameters will include turbidity, pH, temperature, and specific conductance. Well development data will be recorded on a Well Development Log.

If possible, the wells will be developed until turbidity is less than 50 nephelometric turbidity units (NTUs) and until pH, temperature, and specific conductivity stabilize over the course of three successive readings. Stabilization criteria will be  $\pm 3\%$  of the initial reading for temperature and specific conductance, and  $\pm 0.1$  pH units for pH. At least three well volumes will be removed unless the well is purged to dryness, in which case the well will be allowed to recover to at least 50% of its static level and purged a second time. If it is determined that parameter stabilization and/or 50 NTU is not achievable due to low-yielding wells, well development may cease upon concurrence from the NYSDEC project manager.

#### **Assumptions**

- Bedrock will be encountered within 8 feet of the ground surface.
- 4-inch steel casings will be installed 2-ft below the top of bedrock.
- Each bedrock well will be advanced using HQ coring methods to 30-ft below grade.
- It is assumed that the bedrock wells can be installed within six 10-hour work days.
- It is assumed that each bedrock well can be developed within 2-hours, for a total of 12-hours of well development.



### 3.5 BEDROCK GROUNDWATER SAMPLING

The three existing, and six newly installed bedrock monitoring wells will be sampled using low-flow purge and sample methods. Prior to sampling groundwater levels will be measured to the nearest 0.01-ft at each of the nine bedrock wells using an electronic water level probe. The water level measurements will be recorded from a reference point to be marked on each well casing.

#### *Assumptions*

- One set of groundwater samples will be collected from the 9 shallow bedrock monitoring wells.
- Sampling will be collected by 2-person sampling crew within two 10-hour days.
- An additional set of bedrock groundwater samples may be collected, if warranted, based on review of the Phase I RI bedrock groundwater data. If a second set of bedrock groundwater data is necessary, it will be collected as part of a follow up effort exclusive of this Work Assignment.

### 3.6 SURVEY

Each soil boring and bedrock well location will be surveyed by a New York State licensed surveyor. Horizontal datum will be referenced to NAD 83 (2007) New York State Plane Central Zone and vertical datum to North American Vertical Datum (NAVD) 88. The surveyor will provide a survey drawing signed by professional surveyor and a spreadsheet listing the sample locations, northings, eastings, and elevations.

### 3.7 LABORATORY ANALYSES AND DATA VALIDATION

Analytical samples will be collected and analyzed for surface soil, subsurface soil, and groundwater as part of the Phase I RI. Table 1 provides a summary of the environmental media to be sampled, analytical parameters and associated methods, number of samples and associated quality assurance/quality control (QA/QC) samples. The laboratory will provide NYSDEC-ASP Category B reporting. Analytical data will be submitted as an Electronic Data Deliverable (EDD) in the NYSDEC export format.

Analytical data will be validated in accordance with the QAPP and a data usability summary report (DUSR) conforming to DER-10 will be prepared.

### 3.8 PHASE I RI REPORT

Data obtained during the Phase I RI field investigation identified in this scope of work will be compiled, evaluated, and summarized. A Phase I RI Report will then be prepared following completion of the remedial investigation and receipt of analytical data. This report will document remedial investigation activities specified in this work plan. Groundwater flow direction will be documented from water level measurements and survey data. Chemical analytical results for soil and groundwater will be compared to 6 NYCRR Part 375 guidelines for various potential future land uses and State of New York Class GA water quality standards respectively. A brief summary of relevant results from prior site investigations will also be included.

The Phase I RI Report will identify data gaps, if any, and recommendations for potential IRMs and/or supplemental RI work.

#### *Assumptions*

- Data management includes providing a contract-required data deliverable for the RI data. Historical data will not be included in this data deliverable.



- Report preparation includes completing a draft Phase I RI report, responding to one round of comments from the agencies, and revising the Phase I RI based on the single round of comments. The Phase I RI report will include a brief summary of site investigation efforts prior to the Phase I RI and focus in a summary manner on Phase I RI efforts itemized in this Scope of Work. The Phase I RI report is anticipated to be less than 100 pages in length.

#### 4.0 PHASE II REMEDIAL INVESTIGATION (TASK 3) / DETAILED ANALYSIS OF ALTERNATIVES (3<sup>RD</sup> PHASE FS) AND REMEDY SELECTION (TASK 4)

No scope has been identified at this time for these tasks.

#### 5.0 SCHEDULE

Field activities will be initiated within 30-days following NYSDEC approval of this Scope of Work. The following provides an estimated schedule assuming no significant delays due to uncontrollable circumstances:

- |   |  |
|---|--|
| ■ Complete field work portion of the Phase I RI | 6 weeks from initiation                            |
| ■ Complete lab analyses and data validation     | 8 weeks after completion of field work             |
| ■ Complete draft Phase I RI Report              | 8 weeks after receipt of validated analytical data |

**Table 1**  
Sample Analysis and QA/QC Summary  
Former Bomax Manufacturing  
Watertown, New York

	Analyses	Method	Number of Samples	Trip Blank <sup>1</sup>	Field Blank <sup>2</sup>	Field Duplicate <sup>3</sup>	MS <sup>3</sup>	MSD <sup>3</sup>	Total Number of Samples
Surface Soil	TCL Volatiles + 10	USEPA Method 8260B	10	1	0	1	1	1	14
	TCL Semivolatiles + 20	USEPA Method 8270C	10	0	0	1	1	1	13
	TCL Organochlorine Pesticides	USEPA Method 8081B	10	0	0	1	1	1	13
	TCL PCBs	USEPA Method 8082	10	0	0	1	1	1	13
	TAL Metals	USEPA Method 6010C	10	0	0	1	1	1	13
	Mercury	USEPA Method 7471B	10	0	0	1	1	1	13
	Cyanide	USEPA Method 9014	10	0	0	1	1	1	13
	TCL Volatiles + 10	USEPA Method 8260B	43	15	3	3	3	3	70
	TCL Semivolatiles + 20	USEPA Method 8270C	43	0	3	3	3	3	55
	TCL Organochlorine Pesticides	USEPA Method 8081B	43	0	3	3	3	3	55
Soil	TCL PCBs	USEPA Method 8082	43	0	3	3	3	3	55
	TAL Metals	USEPA Method 6010C	43	0	3	3	3	3	55
	Mercury	USEPA Method 7471B	43	0	3	3	3	3	55
	Cyanide	USEPA Method 9014	43	0	3	3	3	3	55
	TCL Volatiles + 10	USEPA Method 8260B	2	0	0	0	0	0	2
	TCL Semivolatiles + 20	USEPA Method 8270C	2	0	0	0	0	0	2
	TCL Organochlorine Pesticides	USEPA Method 8081B	2	0	0	0	0	0	2
	TCL PCBs	USEPA Method 8082	2	0	0	0	0	0	2
	TAL Metals	USEPA Method 6010C	2	0	0	0	0	0	2
	Mercury	USEPA Method 7471B	2	0	0	0	0	0	2
Septic Tank & Wastewater Tank	Cyanide	USEPA Method 9014	2	0	0	0	0	0	2
	TCL Volatiles + 10	USEPA Method 8260B	27	9	0	2	2	2	42
	TCL Semivolatiles + 20	USEPA Method 8270C	27	0	0	2	2	2	33
	TCL Organochlorine Pesticides	USEPA Method 8081B	27	0	0	2	2	2	33
	TCL PCBs	USEPA Method 8082	27	0	0	2	2	2	33
	TAL Metals	USEPA Method 6010C	27	0	0	2	2	2	33
	Mercury	USEPA Method 7470A	27	0	0	2	2	2	33
	Cyanide	USEPA Method 9014	27	0	0	2	2	2	33
	TCLP Method 1311		2	0	0	0	0	0	2
	TCL Volatiles	USEPA Method 8260B	2	0	0	0	0	0	2
Groundwater	TCL Semivolatiles + 20	USEPA Method 8270C	2	0	0	0	0	0	2
	TCL Organochlorine Pesticides	USEPA Method 8081B	2	0	0	0	0	0	2
	TCL PCBs	USEPA Method 8082	2	0	0	0	0	0	2
	TAL Metals	USEPA Method 6010C	2	0	0	0	0	0	2
	Mercury	USEPA Method 7470A	2	0	0	0	0	0	2
	Cyanide	USEPA Method 9014	2	0	0	0	0	0	2
	TCL Volatiles + 10	USEPA Method 8260B	27	9	0	2	2	2	42
	TCL Semivolatiles + 20	USEPA Method 8270C	27	0	0	2	2	2	33
	TCL Organochlorine Pesticides	USEPA Method 8081B	27	0	0	2	2	2	33
	TCL PCBs	USEPA Method 8082	27	0	0	2	2	2	33
Waste Characterization	TAL Metals	USEPA Method 6010C	27	0	0	2	2	2	33
	Mercury	USEPA Method 7470A	27	0	0	2	2	2	33
	Cyanide	USEPA Method 9014	27	0	0	2	2	2	33
	TCLP Method 1311		2	0	0	0	0	0	2
	TCL Volatiles	USEPA Method 8260B	2	0	0	0	0	0	2
	TCL Semivolatiles	USEPA Method 8270C	2	0	0	0	0	0	2
	TCL PCBs/Pesticides	USEPA Method 8080	2	0	0	0	0	0	2
	TCL Chlorinated Herbicides	USEPA Method 8150	2	0	0	0	0	0	2
	TAL Metals + Cyanide	USEPA Method 6010C/9014	2	0	0	0	0	0	2
	Corrosivity	USEPA Method 1110	2	0	0	0	0	0	2
Waste Characterization	Ignitability	USEPA Method 1030	2	0	0	0	0	0	2
	Reactivity	USEPA Method 9010/9030	2	0	0	0	0	0	2
	TCLP Method 1311		2	0	0	0	0	0	2
	TCL Volatiles	USEPA Method 8260B	2	0	0	0	0	0	2
	TCL Semivolatiles	USEPA Method 8270C	2	0	0	0	0	0	2
	TCL PCBs/Pesticides	USEPA Method 8080	2	0	0	0	0	0	2
	TCL Chlorinated Herbicides	USEPA Method 8150	2	0	0	0	0	0	2
	TAL Metals + Cyanide	USEPA Method 6010C/9014	2	0	0	0	0	0	2
	Corrosivity	USEPA Method 1110	2	0	0	0	0	0	2
	Ignitability	USEPA Method 1030	2	0	0	0	0	0	2

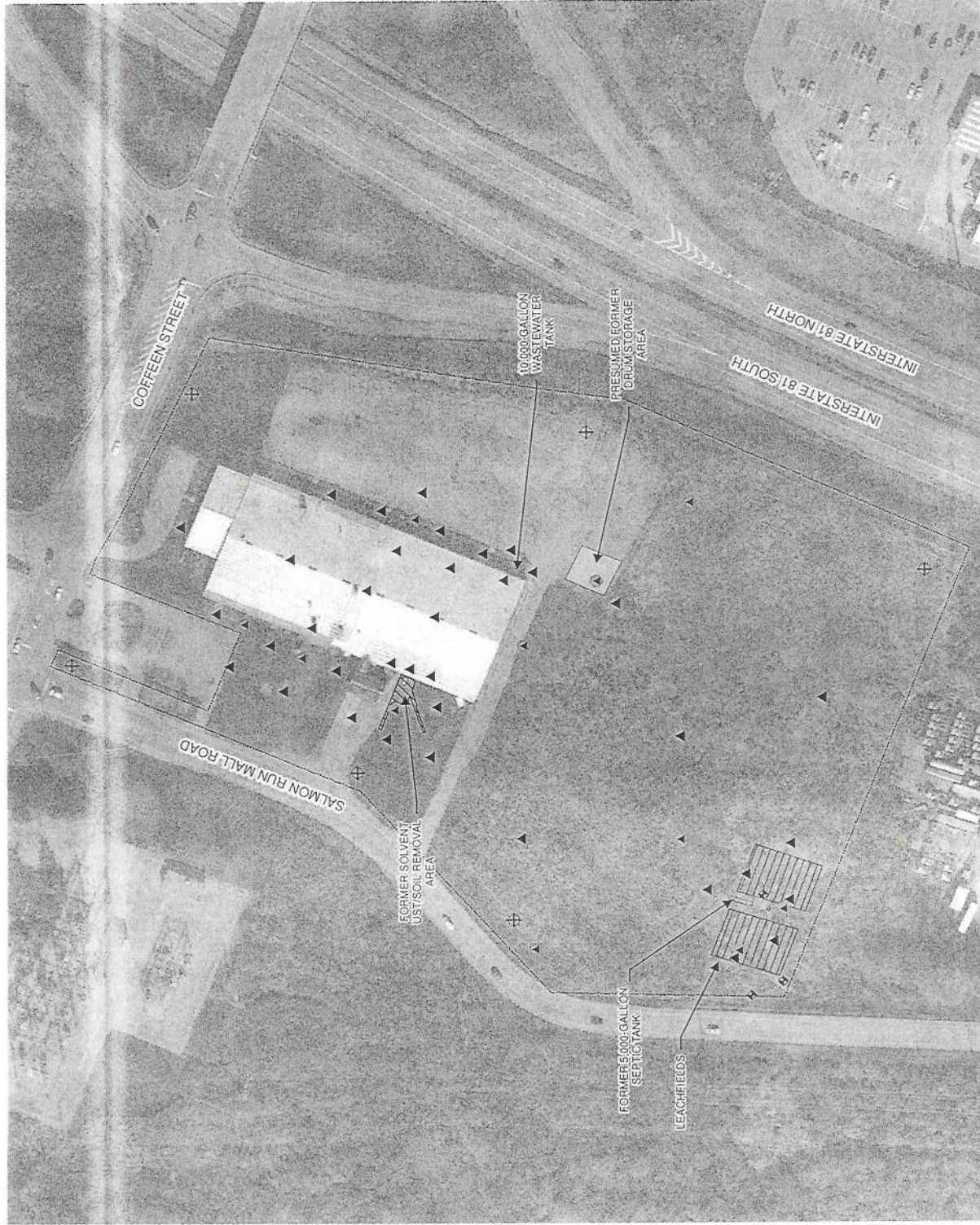
**Notes:** <sup>1</sup> - Trip Blanks are required in each cooler shipped that contain samples to be analyzed for VOCs. The trip blank will be analyzed for VOCs only.

<sup>2</sup> - Field blanks are only required when reusable sampling equipment is used. Samples are to be collected for each set of sampling equipment for each event or at a frequency of 1 per 20 samples.

<sup>3</sup> - Field Duplicates, MS and MSD samples are to be collected and analyzed at a frequency of 1 per 20 samples.



FIGURE 1



**Legend**

- PROPOSED BEDROCK MONITORING WELL
- PROPOSED SOIL BORING
- PROPOSED SOIL BORING SURFACE SOIL SAMPLE
- HISTORIC MONITORING WELL
- HISTORIC GROUND WATER SOL VAPOR SAMPLE
- FORMER DRUM STORAGE AREA
- SEPTIC SYSTEM
- LEACHFIELD
- FORMER WASTE OIL TANK
- FORMER EXCAVATION AREA
- PROPERTY BOUNDARY

NYSDEC  
FORMER BOMAX MANUFACTURING  
SITE  
WATERTOWN, NEW YORK

**PROPOSED  
SAMPLING  
LOCATIONS**



AUGUST 14, 2012  
6653 48512



This document was developed in color. Reproduction in BW may not represent the data as intended.





*Schedule 2.11(a)*

*Summary of Work Assignment Price  
Former Bomax Manufacturing Site  
Work Assignment Number : D007623-05*

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	<u>\$7,288</u>	
2) Indirect Costs (Schedule 2.10(g))	<u>\$7,920</u>	
3) Direct Non-Salary Costs (Schedules 2.10(b) (c ) and 2.11(c))	<u>\$152</u>	
4) Subcontract Costs		
Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(d))		
<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i) O'Brien & Gere	See attached 2.11's for O'Brien & Gere	\$168,547
iii)		
A) Total Cost-Plus-Fixed-Fee Subcontracts	<u>\$168,547</u>	
Unit Price Subcontracts (See OBG Schedules 2.10 (f) and 2.11 (e))		
<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i)		
ii)		
iii)		
B) Total Unit Price Subcontracts	<u>\$0</u>	
C) Subcontract Management Fee	<u>\$0</u>	
D) Total Subcontract Costs (lines 4A + 4B + 4C)		<u>\$168,547</u>
5) Fixed Fee (Schedule 2.10(h))		<u>\$1,521</u>
6) Total Work Assignment Price (Lines 1 + 2 + 3 + 4D + 5)		<u>\$185,428</u>





**Schedule 2.11(b)**  
**Direct Labor Hours Budgeted**

Labor Classification	Year 2012		IX		VIII		VII		VI		V		IV		III		II		I		Total No. of Direct Labor Hours and Costs Budgeted	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
R1																						
Task 1 (Preliminary Activities)-Direct Labor	0.5	\$35.21		\$0.00		\$0.00	38	\$1,622.98	0	\$0.00	0	\$0.00		\$0.00	0	\$0.00		\$0.00		\$0.00	38.5	\$1,658.19
- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	1	\$19.37	1	\$19.37
Task 2 (Phase I RI and Report)-Direct Labor	2	\$140.82		\$0.00		\$0.00	55	\$2,349.05	12	\$422.16	0	\$0.00	84	\$2,263.80	240	\$6,117.60	0	\$0.00	0	\$0.00	393	\$11,293.43
- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	10	\$193.70	24	\$193.70
Task 3 (Phase II RI)-Direct Labor	0	\$0.00		\$0.00		\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00		\$0.00	0	\$0.00
Task 4 (FS and Report)-Direct Labor	0	\$0.00		\$0.00		\$0.00	0	\$0.00		\$0.00	0	\$0.00	0	\$0.00		\$0.00	0	\$0.00		\$0.00	0	\$0.00
- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00		\$0.00	0	\$0.00
Total Hours	2.5	\$176.03	93	\$3,972.03	12	\$422.16							84	\$2,263.80	240	\$6,117.60	0	\$0.00	11	\$213.07	457	\$13,164.69
Total Direct Labor Cost (\$)				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Description	Year 2013		IX		VIII		VII		VI		V		IV		III		II		I		Total No. of Direct Labor Hours and Costs Budgeted	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task -Direct Labor		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 2 (Phase I RI and Report) -Direct Labor	8	\$580.16		\$0.00		\$0.00	60	\$2,639.40	12	\$434.88		\$0.00	40	\$1,110.40	140	\$3,675.00		\$0.00		\$0.00	695	\$8,439.84
- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	10	\$199.50	10	\$199.50
Task -Direct Labor		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Total Hours	8	\$580.16	0	\$0.00	60	\$2,639.40			12	\$434.88	0	\$0.00	40	\$1,110.40	140	\$3,675.00	0	\$0.00	10	\$199.50	270	\$8,639.34
Total Direct Labor Cost (\$)				\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Total Labor Hours	10.5	\$756.19	0	\$0.00	153	\$6,611.43	24	\$857.04	0	\$0.00	0	\$0.00	124	\$3,374.20	380	\$9,792.60	0	\$0.00	21	\$412.57	727	\$21,804.03
Total Direct Labor Costs																						

**Schedule 2.11 (c)**

**Direct Non-Salary Costs**  
**(Includes Equipment and Consumables)**  
**Work Assignment Number D007623-05**

Item	Max. Reimbursement * Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost
<b>A) Non-Salary Costs</b>			
1) In-house photocopying, black and white	\$0.05	3000	150.00
2) In-house photocopying, color per page	\$0.50	100	50.00
3) CADD/GIS computer, per hour	\$7.50	40	300.00
		<b>Subtotal</b>	<b>500.00</b>
<b>B) Equipment and Consumables</b>			
1) Level D PPE, per person-day	\$10.00	25	250.00
2) Water sampling set-up:			
Submersible pump per week rental	\$290.00	1	290.00
Flow-through cell, meters per week rental	\$300.00	1	300.00
Turbidity meter per week rental	\$80.00	1	80.00
Generator per week rental	\$135.00	1	135.00
Water level probe per week rental	\$50.00	1	50.00
Dedicated sample tubing - 100' rolls	\$26.00	2	52.00
3) PID per week rental	\$300.00	4	1,200.00
4) Truck per week rental	\$380.00	5	1,900.00
Gas per week	\$75.00	5	375.00
5) Car per day rental	\$70.00	3	210.00
Gas per day	\$30.00	3	90.00
6) Disposable bailers	\$5.00	20	100.00
7) Disposable scoops	\$3.00	15	45.00
		<b>Subtotal</b>	<b>5,077.00</b>
<b>B) Miscellaneous</b>			
1) Meals (per day)	\$46	25	1,150.00
2) Lodging (per day)	\$77	19	1,463.00
3) Mileage (per mile)	\$0.555	0	0.00
4a) Air sample shipment to lab (per	\$25	0	0.00
4b) Water and soil sample shipment to lab	\$120	8	960.00
5) LVE (per field person per hour)	\$1.00	300	300.00
		<b>Subtotal</b>	<b>3,873.00</b>
<b>Total Direct Non-Salary Costs</b>			<b>\$9,450.00</b>



**Schedule 2.11 (e)**

**Unit Price Subcontract 1 of 4**

**Work Assignment Number D007623-05**

Name of Subcontractor <u>Geologic NY, Inc.</u>		Services to be Performed <u>Drilling</u>		Subcontract Price <u>\$24,257</u>	Management Fee <u>\$1,213</u>
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost		
Mob drill rig and equipmen	\$2,000 LS	1	\$2,000		
6.25 inch hollow stem augers and continuous split spoons	\$15 Per foot	48	\$720		
Direct-push drilling (GeoProbe®) with MacroCore™ sampling	\$1,200 Per day	10	\$12,000		
Backfill of soil borings using bentonite chips/soil	\$20 Per bag	4	\$80		
Nominal 6-inch diameter "rock socket"	\$60 Per foot	12	\$720		
HQ Coring	\$21 Per foot	120	\$2,520		
Permanent 4-inch steel casing, installed and	\$25 Per foot	75	\$1,875		
Temporary 1-inch, Schedule 40 PVC well	\$8 Per foot	144	\$1,152		
New 55-gallon drums	\$27 Each	15	\$405		
Well development	\$80 Per hour	12	\$960		
Decontamination	\$80 Per hour	10	\$800		
Well abandonment	\$50 Per well	18	\$900		
Hand-clearing utilities	\$80 Per hour	0	\$0		
Decontamination pad	\$125 Each	1	\$125		
<b>Subtotal-Subcontract Price</b>			<u><b>\$24,257</b></u>		
<b>Subcontract Management Fee</b>			<u><b>\$1,213</b></u>		
<b>TOTAL FOR DRILLING</b>			<u><u><b>\$25,470</b></u></u>		

**Schedule 2.11 (e)**  
**Unit Price Subcontract 2 of 4**  
**Work Assignment Number D007623-05**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
<b>Con-Test</b>	<b>Laboratory Analyses</b>	<b>\$47,332</b>	<b>\$2,367</b>

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
W	TCL volatiles +10 (Method SW-846, 8260B) \$ 57.00	44 \$	2,508.00
W	TCL semi-volatiles +20 (Method SW-846, 8270C) \$ 141.00	35 \$	4,935.00
W	TCL Organochlorine Pesticides (Method SW- 846, 8180B) \$ 57.00	35 \$	1,995.00
W	TCL PCBs (Method SW- 846, 8082) \$ 38.00	35 \$	1,330.00
W	TAL Inorganics (Method SW-846, 6010C) \$ 104.00	35 \$	3,640.00
W	Mercury (Method SW- 846, 7470A) \$ 15.00	35 \$	525.00
W	Cyanide (Method SW- 846, 9010B) \$ 19.00	35 \$	665.00
S	TCL volatiles +10 (Method SW-846, 8260B) \$ 57.00	84 \$	4,788.00
S	TCL semi-volatiles +20 (Method SW-846, 8270C) \$ 141.00	68 \$	9,588.00
S	TCL Organochlorine Pesticides (Method SW- 846, 8180B) \$ 57.00	68 \$	3,876.00
S	TCL PCBs (Method SW- 846, 8082) \$ 38.00	68 \$	2,584.00
S	TAL Inorganics (Method SW-846, 6010C) \$ 104.00	68 \$	7,072.00
S	Mercury (Method SW- 846, 7470A) \$ 15.00	68 \$	1,020.00
S	Cyanide (Method SW- 846, 9010B) \$ 19.00	68 \$	1,292.00
S	Toxicity Characteristic Leaching (Method SW- 846, 1311) \$ 457.00	2 \$	914.00
S	Corrosivity (Method SW- 846, 1110) \$ 247.00	2 \$	494.00
S	Ignitability (Method SW- 846, 1030) \$ 15.00	2 \$	30.00
S	Reactivity (Method SW- 846, 9010/9030) \$ 38.00	2 \$	76.00
Subtotal-Subcontract Price from bid items			\$ 47,332.00
Subcontract Management Fee			\$2,367
<b>TOTAL</b>			<b>\$49,699</b>



**Schedule 2.11 (e)**  
**Unit Price Subcontract 3 of 4**  
**Work Assignment Number D007623-05**

Name of Subcontractor		Services to be Performed	Subcontract Price	Management Fee
<u>Fisher Associates</u>		<u>Surveying</u>	<u>\$4,900</u>	<u>\$245</u>
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost	
Mob/demob crew and equipment	\$4,900 Lump sum	1	\$4,900	
<b>Subtotal-Subcontract Price</b>			<u>\$4,900</u>	
<b>Subcontract Management Fee (WBE &lt;\$10,000)</b>			<u>\$245</u>	
<b>TOTAL</b>			<u><u>\$5,145</u></u>	

**Schedule 2.11 (e)**  
**Unit Price Subcontract 4 of 4**  
**Work Assignment Number D007623-05**

Name of Subcontractor		Services to be Performed	Subcontract Price	Management Fee
<u>Data Validation Services</u>		<u>Data Validation</u>	<u>\$9,195</u>	<u>\$460</u>
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost	
W	TCL volatiles +10 (Method SW-846, 8260B) \$ 13.00	44	\$	572.00
W	TCL semi-volatiles +20 (Method SW-846, 8270C) \$ 15.00	35	\$	525.00
W	TCL Organochlorine Pesticides (Method SW- 846, 8180B) \$ 18.00	35	\$	630.00
W	TCL PCBs (Method SW- 846, 8082) \$ 13.00	35	\$	455.00
W	TAL Inorganics (Method SW-846, 6010C) \$ 17.00	35	\$	595.00
W	Mercury (Method SW- 846, 7470A) \$ 3.00	35	\$	105.00
W	Cyanide (Method SW- 846, 9010B) \$ 3.00	35	\$	105.00
S	TCL volatiles +10 (Method SW-846, 8260B) \$ 14.00	84	\$	1,176.00
S	TCL semi-volatiles +20 (Method SW-846, 8270C) \$ 17.00	68	\$	1,156.00
S	TCL Organochlorine Pesticides (Method SW- 846, 8180B) \$ 20.00	68	\$	1,360.00
S	TCL PCBs (Method SW- 846, 8082) \$ 13.00	68	\$	884.00
S	TAL Inorganics (Method SW-846, 6010C) \$ 18.00	68	\$	1,224.00
S	Mercury (Method SW- 846, 7470A) \$ 3.00	68	\$	204.00
S	Cyanide (Method SW- 846, 9010B) \$ 3.00	68	\$	204.00
<b>Subtotal-Subcontract Price</b>			<b>\$</b>	<b>9,195.00</b>
<b>Subcontract Management Fee (WBE &lt;\$10,000)</b>				<b>\$460</b>
<b>TOTAL</b>				<b>\$9,655</b>



# Schedule 2.11 (f) - Summary

## Monthly Cost Control Report Summary of Fiscal Information

Engineer O'Brien & Gere

Contract No. D007623

Project Name Bomax Manufacturing

Work Assignment No. 5

Task #/Name Summary

Complete 0%

Date Prepared 9/4/12

Expenditure Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$21,804.03	\$21,804.03	\$21,804.03	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$40,457.37	\$40,457.37	\$40,457.37	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$62,261.39	\$62,261.39	\$62,261.39	\$0
4. Travel	\$0	\$0	\$0	\$0	\$5,188.00	\$5,188.00	\$5,188.00	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$4,262.00	\$4,262.00	\$4,262.00	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$9,450.00	\$9,450.00	\$9,450.00	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$88,504.00	\$88,504.00	\$88,504.00	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$4,284.20	\$4,284.20	\$4,284.20	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$164,499.59	\$164,499.59	\$164,499.59	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$4,046.99	\$4,046.99	\$4,046.99	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$168,546.58	\$168,546.58	\$168,546.58	\$0

## Schedule 2.11 (f)

### Monthly Cost Control Report Summary of Fiscal Information

Engineer O'Brien & Gere

Contract No. D007623

Project Name Bomax Manufacturing

Work Assignment No. 5

Task #/Name Task 1/Preliminary Activities

Complete 0%

Page 1 of 5  
Date Prepared 9/4/12  
Billing Period  
Invoice No.

Expenditure Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$1,677.56	\$1,677.56	\$1,677.56	\$0
2. Indirect Costs - %	\$0	\$0	\$0	\$0	\$3,112.70	\$3,112.70	\$3,112.70	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$4,790.26	\$4,790.26	\$4,790.26	\$0
4. Travel	\$0	\$0	\$0	\$0	\$100.00	\$100.00	\$100.00	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$100.00	\$100.00	\$100.00	\$0
7. Subcontractor	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$4,890.26	\$4,890.26	\$4,890.26	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$311.37	\$311.37	\$311.37	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$5,201.63	\$5,201.63	\$5,201.63	\$0



# Schedule 2.11 (f)

## Monthly Cost Control Report Summary of Fiscal Information

Engineer O'Brien & Gere

Contract No. D007623

Project Name Bomax Manufacturing

Work Assignment No. 5

Task #/Name Task 2 Phase I RI and Report  
Complete 0%

Page 2 of 5  
Date Prepared 9/4/12

Expenditure Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0	\$0	\$0	\$0	20,126.47	20,126.47	20,126.47	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	37,344.67	37,344.67	37,344.67	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	57,471.14	57,471.14	57,471.14	\$0
4. Travel	\$0	\$0	\$0	\$0	5,088.00	5,088.00	5,088.00	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	4,262.00	4,262.00	4,262.00	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	9,350.00	9,350.00	9,350.00	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	88,504.00	88,504.00	88,504.00	\$0
7a. Drilling (Geologic NY, Inc.)	\$0	\$0	\$0	\$0	24,257.00	24,257.00	24,257.00	\$0
7b. Laboratory analyses (Con-Test)	\$0	\$0	\$0	\$0	47,332.00	47,332.00	47,332.00	\$0
7c. Surveying (Fisher Associates)	\$0	\$0	\$0	\$0	4,900.00	4,900.00	4,900.00	\$0
7d. Data Validation (Data Validation Services)	\$0	\$0	\$0	\$0	9,195.00	9,195.00	9,195.00	\$0
7e. Drum transport-disposal (TBD) (estimated)	\$0	\$0	\$0	\$0	2,820.00	2,820.00	2,820.00	\$0
7f. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	4,284.20	4,284.20	4,284.20	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	159,609.34	159,609.34	159,609.34	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	3,735.62	3,735.62	3,735.62	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	163,344.96	163,344.96	163,344.96	\$0

Subcontractors under Task 2 are as follows:

7a. Drilling (GeoLogic NY, Inc.)	\$24,257
7b. Laboratory (Con-Test)	\$47,332
7c. Surveying (Fisher Associates)	\$4,900
7d. Data Validation (Data Validation Services)	\$9,195
7e. Drum transport-disposal (TBD)	\$2,820
Total for subs	\$88,504

**Schedule 2.11 (f)**

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

Engineer O'Brien & Gere

Contract No. D007623

Project Name Bomax Manufacturing

Work Assignment No. 5

Task #/Name Task 3 / Phase II RI

Complete 0%

Page 3 of 5

Date Prepared 9/4/12

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



# Schedule 2.11 (f)

## Monthly Cost Control Report Summary of Fiscal Information

Engineer O'Brien & Gere

Contract No. D007623

Project Name Bomax Manufacturing

Work Assignment No. 5

Task #/Name Task 4 / FS and Report

Complete 0%

Page 4 of 5

Date Prepared 9/4/12

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

# Schedule 2.11 (f) - Supplemental

## Cost Control Report for Subcontracts

Engineer O'Brien & Gere

Contract No. D007623

Project Name Bomax Manufacturing

Work Assignment No. 5

Page 5 of 5

Date Prepared 9/4/12

Subcontract Name	A Subcontract Costs Claimed this Application Inc. Resubmittals	B Subcontract Costs Approved for Payment on Previous Applications	C Total Subcontract Costs to Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs to Date (C plus F)
1. Geologic NY, Inc. (Drilling)	\$0	\$0	\$0	\$24,257	\$1,212.85	\$0	\$0
2. Con-Test (Analytical)	\$0	\$0	\$0	\$47,332	\$2,366.60	\$0	\$0
3. Fisher Associates (Surveying)	\$0	\$0	\$0	\$4,900	\$245.00	\$0	\$0
4. Data Validation Services (Validation)	\$0	\$0	\$0	\$9,195	\$459.75	\$0	\$0
8. TBD (drum transport and disposal)	\$0	\$0	\$0	\$2,820	\$0.00	\$0	\$0
<b>TOTALS</b>	\$0	\$0	\$0	\$88,504	\$4,284	\$0	\$0

### NOTES:

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



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

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

Engineer/Contract # O'Brien & Gere/D007623  
 Project Name Bomax Manufacturing  
 Work Assignment No. 5

Date Prepared 9/4/12

NSPE Labor Classification	IX Exp/Est	VIII Exp/Est	VII Exp/Est	VI Exp/Est	V Exp/Est	IV Exp/Est	III Exp/Est	II Exp/Est	I Exp/Est	Admin.	Total No. of Direct Labor Hrs. Exp/Est
Task 1	0 / 1	0 / 0	0 / 38	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 1	0 / 40
Task 2	0 / 2	0 / 0	0 / 55	0 / 12	0 / 0	0 / 84	0 / 240	0 / 0	0 / 0	0 / 24	0 / 417
Task 3	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Task 4	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total Hours	0 / 3	0 / 0	0 / 93	0 / 12	0 / 0	0 / 84	0 / 240	0 / 0	0 / 0	0 / 25	0 / 457

\* Expended/Estimated





**Schedule 2.11(a)**

**Summary of Work Assignment Price**  
**Bomax Manufacturing**  
**Work Assignment Number: D007623-05**

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	<u>\$21,804</u>
2) Indirect Costs (Schedule 2.10(g))	<u>\$40,457</u>
3) Direct Non-Salary Costs (Schedules 2.10(b) (c ) and 2.11(c))	<u>\$9,450</u>
4) Subcontract Costs	

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

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i)		
iii)		
vi)		
iv)		

**A) Total Cost-Plus-Fixed-Fee Subcontracts** \$0

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

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i) Geologic NY, Inc.	Drilling	\$24,257
ii) Con-Test	Analytical	\$47,332
iii) Data Validation Services	Data Validation	\$9,195
iv) Fisher Associates	Surveying	\$4,900
v) TBD	Waste drum transport and disposal (Engineer's estimate)	\$2,820
vi)		
vii)		

**B) Total Unit Price Subcontracts** \$88,504

**C) Subcontract Management Fee** \$4,284

**D) Total Subcontract Costs (lines 4A + 4B + 4C)** \$92,788

**5) Fixed Fee (Schedule 2.10(h))** \$4,047

**6) Total Work Assignment Price (Lines 1 + 2 + 3 + 4D + 5)** \$168,547





**Schedule 2.11(b)**  
**Direct Labor Hours Budgeted**

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total No. of Direct Labor Hours and Costs Budgeted	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Year 2012		\$70.04		\$63.63		\$54.49		\$47.28		\$38.46		\$31.03		\$28.19		\$24.98		\$21.23	0	
RI/FS	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1 (Preliminary Activities) -Direct Labor	4	\$280.16	6	\$381.78	5	\$272.45	0	\$0.00	0	\$0.00	0	\$0.00	16	\$451.04	8	\$199.84	0	\$0.00	39	\$1,585.27
		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	3	\$63.69	3	\$63.69
Task 2 (Phase I RI and Report)-Direct Labor	4	\$280.16	0	\$0.00	3	\$163.47	0	\$0.00	6	\$230.76	0	\$0.00	24	\$676.56	24	\$599.52	0	\$0.00	61	\$1,950.47
		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	2	\$42.46	2	\$42.46
Task 3 (Phase II RI) -Direct Labor	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
Task 4 (FS and Report) -Direct Labor	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
Total Hours	8		6		8		0		6		0		40		32		5		105	
Total Direct Labor Cost (\$)		\$560.32		\$381.78		\$435.92		\$0.00		\$230.76		\$0.00		\$1,127.60		\$799.36		\$106.15		\$3,641.89
Year 2013																				
	Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Task 1 (Preliminary Activities) -Direct Labor	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
	- Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	
Task 2 (Phase I RI and Report) -Direct Labor	8	\$577.12	3	\$196.62	8	\$448.96	0	\$0.00	16	\$633.76	0	\$0.00	30	\$871.20	34	\$874.82	0	\$0.00	99	\$3,602.48
	-Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	2	\$43.74	2
Task 3 (Phase II RI) -Direct Labor	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
	-Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	
Task 4 (FS and Report) -Direct Labor	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
	-Administrative		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	
Total Hours	8		3		8		0		16		0		30		34		2		101	
Total Direct Labor Cost (\$)		\$577.12		\$196.62		\$448.96		\$0.00		\$633.76		\$0.00		\$871.20		\$874.82		\$43.74		\$3,646.22
Total Labor Hours	16		9		16		0		22		0		70		66		7		206	
Total Direct Labor Costs		\$1,137.44		\$578.40		\$884.88		\$0.00		\$864.52		\$0.00		\$1,998.80		\$1,674.18		\$149.89		\$7,288.11

### ***Schedule 2.11 (c)***

***Direct Non-Salary Costs  
(Includes Equipment and Consumables)  
Work Assignment Number D007623-03***

<b>Item</b>	<b>Max. Reimbursement * Rate (Specify Unit)</b>	<b>Est. No. of Units</b>	<b>Total Estimated Cost</b>
<b>A) Non-Salary Costs</b>			
1) In-house photocopying, black and white per page	\$0.05	200	\$10.00
2) In-house photocopying, color per page	\$0.50	30	\$15.00
3) CADD/GIS computer, per hour	\$7.50	0	\$0.00
<b><u>Subtotal</u></b>			<b><u>\$25.00</u></b>
<b>B) Equipment and Consumables - TASK 2</b>			
1) Level D PPE, per person-day	\$10.00	0	\$0.00
<b><u>Subtotal</u></b>			<b><u>\$0</u></b>
<b>C) Miscellaneous</b>			
1) Meals (per day)	\$46	1	\$46.00
2) Lodging (per day)	\$77	0	\$0.00
3) Mileage (per mile)	\$0.555	136	\$75.48
4) LVE (per field person per hour)	\$1.00	6	\$6.00
<b><u>Subtotal</u></b>			<b><u>127.48</u></b>
<b>Direct Non-Salary Costs</b>			<b><u>152.48</u></b>



**Schedule 2.11 (d)**

**Cost-Plus-Fixed-Fee Subcontracts  
Work Assignment Number**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>
O'Brien & Gere	RI/FS	\$75,758 plus subcontracts

**A) Direct Salary Costs**

Professional Responsibility Level	Labor Classification	Ave. Reimbursement Rate (\$/Hr.)	Max. Reimbursement Rate (\$/Hr.)	Est. No. of Hours	Total Est Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
See Schedule 2.11s for subcontractor attached		\$29.99	\$0.00	727	\$21,804
<b>Total Direct Salary Costs:</b>					<b>\$21,804</b>

**Footnotes:**

- 1) The labor rate averages and maximums 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 2.11(e) 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
- 5) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work
- 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 for 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 185.55 % or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.

**Indirect Costs:** \$40,457

**C) Maximum Reimbursement Rates for Direct Non-Salary Costs**

Item	Max Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
1) Travel	See Schedule 2.10 (d) for rates		
2) Supplies			
<b>Total Direct Non-Salary Costs:</b>			<b>\$9,450</b>

**D) Fixed Fee**

The fixed fee is: 6.5 %

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

**Fixed Fee:** \$4,047

**Schedule 2.11 (e)**

**Unit Price Subcontract 1 of 7**

**Work Assignment Number** D007623-05

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
<u>NA</u>	<u>NA</u>	<u>\$0</u>	<u>\$0</u>



# Schedule 2.11 (f) - Summary

## Monthly Cost Control Report Summary of Fiscal Information

Engineer Parsons

Contract No. D007623

Project Name Former Bomax Manufacturing Site

Work Assignment No. 5

Task #/Name Summary

Complete 0%

Date Prepared 9/5/12

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$7,288.11	\$7,288.11	\$7,288.11	\$0.00
2. Indirect Costs %	\$0.00	\$0.00	\$0.00	\$0.00	\$7,919.99	\$7,919.99	\$7,919.99	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$15,208.10	\$15,208.10	\$15,208.10	\$0.00
4. Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$75.48	\$75.48	\$75.48	\$0.00
5. Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$77.00	\$77.00	\$77.00	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$152.48	\$152.48	\$152.48	\$0.00
7. Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$168,547.00	\$168,547.00	\$168,547.00	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$183,907.58	\$183,907.58	\$183,907.58	\$0.00
9. Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$1,520.81	\$1,520.81	\$1,520.81	\$0.00
10. Total Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$185,428.39	\$185,428.39	\$185,428.39	\$0.00

# Schedule 2.11 (f)

## Monthly Cost Control Report Summary of Fiscal Information

Engineer Parsons

Contract No. D007623

Project Name Former Bomax Manufacturing Site

Work Assignment No. 5

Task #/Name Task 1/Preliminary Activities

Complete 0%

Page 1 of 5

Date Prepared 9/5/12

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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$1,648.96	\$1,648.96	\$1,648.96	\$0.00
2. Indirect Costs - %	\$0	\$0	\$0	\$0	\$1,791.92	\$1,791.92	\$1,791.92	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$3,440.88	\$3,440.88	\$3,440.88	\$0.00
4. Travel	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00
7. Subcontractor - O'Brien & Gere and its subs	\$0	\$0	\$0	\$0	\$5,202.00	\$5,202.00	\$5,202.00	\$0.00
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$8,642.88	\$8,642.88	\$8,642.88	\$0.00
9. Fixed Fee	\$0	\$0	\$0	\$0	\$344.09	\$344.09	\$344.09	\$0.00
10.Total Work Assignment Price	\$0	\$0	\$0	\$0	\$8,986.97	\$8,986.97	\$8,986.97	\$0.00



**Schedule 2.11 (f)**

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

Engineer Parsons  
Contract No. D007623  
Project Name Former Bomax Manufacturing Site  
Work Assignment No. 5  
Task #/Name Task 2 Phase I RI and Report  
Complete 0%

Page 2 of 5  
Date Prepared 9/5/12

Expenditure Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/Over (G-F)
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$5,639.15	\$5,639.15	\$5,639.15	\$0.00
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$6,128.06	\$6,128.06	\$6,128.06	\$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$11,767.21	\$11,767.21	\$11,767.21	\$0.00
4. Travel	\$0	\$0	\$0	\$0	\$75.48	\$75.48	\$75.48	\$0.00
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$77.00	\$77.00	\$77.00	\$0.00
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$152.48	\$152.48	\$152.48	\$0.00
7. Subcontractors - O'Brien & Gere and its subs	\$0	\$0	\$0	\$0	\$163,345.00	\$0.00	\$0.00	\$0.00
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$175,264.69	\$175,264.69	\$175,264.69	\$0.00
9. Fixed Fee	\$0	\$0	\$0	\$0	\$1,176.72	\$1,176.72	\$1,176.72	\$0.00
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$176,441.42	\$176,441.42	\$176,441.42	\$0.00

# Schedule 2.11 (f)

## Monthly Cost Control Report Summary of Fiscal Information

Engineer Parsons

Contract No. D007623

Project Name Former Bomax Manufacturing Site

Work Assignment No. 5

Task #/Name Task 3 - Phase II RI

Complete 0%

Page 3 of 5

Date Prepared 9/5/12

Expenditure Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H 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 %	\$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 - O'Brien & Gere and its subs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment 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 Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00



# Schedule 2.11 (f)

## Monthly Cost Control Report Summary of Fiscal Information

Engineer Parsons

Contract No. D007623

Project Name Former Bomax Manufacturing Site

Work Assignment No. 5

Task #/Name Task 4 /FS and Report

Complete 0%

Page 4 of 5

Date Prepared 9/5/12

Expenditure Category	A Costs Claimed This Period	B Paid to Date	C Total Disallowed to Date	D Total Costs Incurred to Date (A+B+C)	E Estimated Costs to Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H 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 %	\$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 - O'Brien & Gere and its subs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7a. Subcontract Mgt. Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8. Total Work Assignment 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 Work Assignment Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00



# Schedule 2.11 (f) - Supplemental

## Cost Control Report for Subcontracts

Engineer Parsons

Contract No. D007623

Project Name Former Bomax Manufacturing Site

Work Assignment No. 5

Page 5 of 5

Date Prepared 9/5/12

Subcontract Name	A	B	C	D	E	F	G
	Subcontract Costs Claimed this Application Inc. Resubmittals	Subcontract Costs Approved for Payment on Previous Applications	Total Subcontract Costs to Date (A plus B)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date (C plus F)
1. O'Brien & Gere	\$0.00	\$0.00	\$0.00	\$168,549.00	\$8,427.45	\$0.00	\$0.00
2.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>TOTALS</b>	\$0.00	\$0.00	\$0.00	\$168,549.00	\$8,427.45	\$0.00	\$0.00

### NOTES:

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

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

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

Engineer/Contract #  
Project Name  
Work Assignment No.

Parsons/D007623  
Former Bomax Manufacturing  
5

Date Prepared 9/5/12

NSPE Labor Classification	IX Exp/Est	VIII Exp/Est	VIII Exp/Est	VII Exp/Est	VI Exp/Est	V Exp/Est	IV Exp/Est	III Exp/Est	II Exp/Est	I Exp/Est	Admin.	Total No. of Direct Labor Hrs. Exp/Est
Task 1	0 / 4	0 / 6	0 / 5	0 / 0	0 / 0	0 / 0	0 / 0	0 / 16	0 / 8	0 / 0	0 / 3	0 / 42
Task 2	0 / 12	0 / 3	0 / 11	0 / 0	0 / 0	0 / 22	0 / 0	0 / 54	0 / 58	0 / 0	0 / 4	0 / 164
Task 3	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Task 4	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Total Hours	0 / 16	0 / 9	0 / 16	0 / 0	0 / 0	0 / 22	0 / 0	0 / 70	0 / 66	0 / 0	0 / 7	0 / 206

\* Expended/Estimated

