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June 11, 2013

Patricia Kappeller
NYS Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management
625 Broadway
Albany, NY 12233

RE: WA D007623-10, Former Marlou Formal Wear RI/FS (#447040)

Dear Ms. Kappeller:

Parsons Engineering of New York, Inc. (Parsons) is pleased resubmit our proposal for the work assignment (WA) identified above for a remedial investigation and feasibility study of the former Marlou Formal Wear site located in the City of Schenectady (Schenectady County). Our proposal includes the following items:

- A revised scope of work (Schedule 1) for conducting this WA;
- Budget package for this WA (Schedule 2.11's);
- Schedule 2.11's for O'Brien and Gere as a cost-plus-fixed-fee subcontractor to Parsons under this contract;
- M/WBE Utilization Plan; and
- Work Assignment Package Checklist.

O'Brien & Gere has the lead technical responsibility for completing this work assignment.

We have revised our proposal in response to Department comments dated May 29, 2013. Costs now are $11,817 higher than the costs in our most recent (April 25, 2013) proposal, because the scope of work has been revised as requested by the Department to add community air monitoring during ground-intrusive work and to generate electronic data files for historical data presented in three prior site investigation reports prepared by others.

Our budget submitted herein totals $198,645 which is higher than the Department's cost estimate for this work based on an expanded investigation work scope as summarized above and also the following:

- Additional work scope efforts added by the Department during February and March following initial authorization of this work assignment on February 12.
- The proposed vapor intrusion coordination and sampling effort includes a two-person field team for a period of 10 days versus a total of 60 hours estimated by the

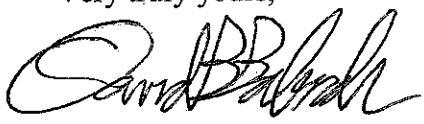
Department. Our estimated level of effort for vapor intrusion is based on experience sampling multiple residences for other projects.

- Costs for data validation and costs for preparing the RI Report (including a qualitative human health exposure assessment) do not appear to be included in the Department's estimate.
- Our surveying subcontractor's price is higher than the Department's estimate.
- Costs estimated to conduct the FS and prepare the FS Report as defined in our scope of work are higher than the Department's estimate.

Direct labor rates presented in Schedule 2.11(b) for 2014 are three percent higher than labor rates for 2013 consistent with recent Work Assignments.

Please feel free to contact me directly if you have any questions or require any information.

Very truly yours,



David Babcock, P.E.
Contract Manager

Enclosures:

Scope of Work

Schedule 2.11's for the entire work assignment

Schedule 2.11's for O'Brien & Gere portion

M/WBE Utilization Plan (unchanged from our April 25 proposal)

Work Assignment Package Checklist

cc: Imants Reks, Parsons
Deborah Wright and Janet Forsell, O'Brien & Gere

SCHEDULE 1
SCOPE OF WORK
REMEDIAL INVESTIGATION/FEASIBILITY STUDY FOR THE FORMER MARLOU FORMAL WEAR SITE
SCHENECTADY, NEW YORK

1. BACKGROUND AND PROJECT OBJECTIVES

LOCATION

The former Marlou Formal Wear site (the Site) is a 0.12 acre portion of the 1.22 acre parcel identified as 1108 State Street in the City of Schenectady, New York. The Site is bound by State Street to the north, Brandywine Avenue to the west, Albany Street to the south, and commercial properties to the east. The area of focus identified for the Remedial Investigation (RI) activities include the Site proper extending to the south and bound by Duane Avenue. The focus area is identified by the volatile organic compound (VOC) groundwater plume emanating from the former Marlou Formal Wear location, as shown in Attachment A from the *Supplemental Subsurface Investigation Report of Findings Report* [Precision Environmental Services, Inc. (PES), August 2011]. The evaluation of the second chlorinated volatile organic compound (CVOC) plume identified in previous reports (PES, 2010a, 2010b, and 2011) as emanating from a former dry cleaners located at 1122-1124 State Street (*i.e.*, Mid-Town Dry Cleaners), is not included in this scope of work.

SITE FEATURES

The Site is relatively flat with little surface relief. In general, the land surfaces are covered with asphalt, gravel, landscaped areas or lawn areas. Existing above ground structures include a concrete block/brick commercial building.

HISTORIC USE

Dry cleaning was reportedly performed at the former Marlou Formal Wear commercial building as part of a tuxedo rental business. Dry cleaning operations are reported to have begun at the Site in 1958. The former Marlou Formal Wear building was demolished in July 1998.

CURRENT SITE AND SURROUNDING LAND USE

The Site is currently occupied by a Rite Aid store. The Rite Aid parking lot is located over the footprint of the former Marlou Formal Wear building.

Localized land use consists of mixed residential and commercial. Existing above ground structures include a concrete block and brick commercial building and brick or wooden residential, single and multi-unit dwellings. Structures within the focus area are serviced by natural gas and municipally supplied water and sewer systems.

PREVIOUS INVESTIGATIONS

New York State Department of Environmental Conservation (NYSDEC) initiated an investigation in the vicinity of the Site in 2009. The investigation was known as the Brandywine Plume Track Down and consisted of sampling soil, groundwater and soil vapor in an attempt to delineate the VOC plume(s). O'Brien & Gere has received copies of the following three reports which document the results of the Site investigations conducted in 2009, 2010 and 2011:

- *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794* (PES, 2010a)
- *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794* (PES, 2010b)
- *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794* (PES, 2011).

Available historical reports and other documents pertaining to this Site have been received by O'Brien & Gere electronically. Also based on conversations with NYSDEC, information and data obtained from the Site prior to 2009 is expected to be limited, and likely absent. The lack of full historical information (*i.e.*, information/data prior to 2009) is factored into the RI and Feasibility Study (FS) Report work scopes identified below.

SITE GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

The investigation area is located within the Hudson Mohawk Lowland Physiographic Province. The overburden soils in the surrounding area have been characterized as Lacustrine Delta, which is composed of generally well sorted, stratified coarse to fine gravel and sand. The bedrock geology identified in the vicinity of the property is Austin Glen Formation, which consists of graywacke and shale that is of Middle to Upper Ordovician origin (PES, 2010a).

Previous soil borings at the Site reached a maximum of 24 feet below grade. Soils encountered were generally composed of fine to coarse brown sand underlain by an apparent confining or low permeability layer of dense, dry, gray, silty sand with little clay. Bedrock was not encountered during previous investigations (PES, 2010a).

The nearest surface water body, Iroquois Lake, is located approximately 3,200 feet east relative to the focus area (PES, 2010a).

Groundwater was encountered at approximately 9 to 16 feet below grade during previous drilling and monitoring work. Elevation data indicate that the local groundwater was flowing generally in a south-southwesterly direction at the time of the gauging events (July 2009, April 2010 and June 2011) (PES, 2010a, 2010b, and 2011).

ENVIRONMENTAL CONDITIONS

Based on investigations conducted to date at the Site, the primary contaminants of concern are CVOCs including tetrachloroethene (PCE), trichloroethene (TCE) and 1,2-dichloroethene (DCE) in groundwater and soil vapor. Generally, PCE has been detected in the groundwater on the order of 50 parts per billion (ppb) at the Site. Petroleum-related VOCs (toluene, ethylbenzene and xylenes) have also been detected in groundwater at the Site (PES, 2010a), but it is our understanding that they are not of primary concern based on conversations with NYSDEC. The area surrounding the Site is serviced by a public water supply.

Concentrations of PCE in soil vapor at the Site approach 50,000 micrograms per cubic meter ($\mu g/m^3$) and 600 $\mu g/m^3$ of TCE. As such, soil vapor intrusion concerns have been identified by NYSDOH as a significant threat to human health and is the main component of the RI described below.

Direct contact with soil at the Site is unlikely because it appears to be covered with a paved parking lot, grass/landscaped areas and buildings.

It is understood that previous work has substantially defined the nature and horizontal extent of the groundwater plume, and previously the situation was not considered to present a significant threat. The advent of heightened vapor intrusion awareness resulted in the reconsideration of the threat posed by this Site and the Site was placed on the State Superfund Program Site Registry.

Project Objectives

The objective of this project is to complete an RI/FS to evaluate the possible presence of a residual source of CVOCs in the vicinity of the former Marlou Formal Wear building, assess the presence or absence of vapor intrusion in the focus area and identify and evaluate remedial alternatives as necessary and present sufficient information for decision-makers to select a remedy.

The components of the RI/FS are as follows:

- Collect data to evaluate the possible presence of a residual source of CVOCs in the vicinity of the former Marlou Formal Wear building at 1108 State Street
  - » Install two new shallow overburden groundwater monitoring wells in the Rite Aid parking lot (see Figure 2 in Attachment B)
  - » Install two new permanent soil vapor points in the Rite Aid parking lot and collect soil vapor samples for VOC analysis. Locations of the two new soil vapor points will be determined by NYSDEC.
- Collect data to verify that the current nature and horizontal extent of CVOCs in groundwater is consistent with previous investigation results
  - » Collect one round of groundwater level measurements from a total of fourteen monitoring wells (*i.e.*, twelve existing/replacement monitoring wells plus the two new monitoring wells) to evaluate the direction of groundwater flow in the overburden beneath and adjacent to the Site
  - » Collect one round of groundwater samples from a total of fourteen monitoring wells (*i.e.*, twelve existing/replacement monitoring wells plus two new monitoring wells) for VOC analysis to evaluate the nature and horizontal extent of CVOCs in groundwater.
- Evaluate potential vapor intrusion in up to twenty nearby residences and one church that is reportedly used for daycare
- Prepare an RI report using data generated during investigations conducted in 2009, 2010, 2011 and 2013/2014 to evaluate the nature and extent of groundwater and soil vapor contamination
- Complete a Qualitative Human Health Exposure Assessment (QHHEA) for the Site
- Identify remedial action objectives
- Develop, screen and evaluate remedial alternatives for the Site in order to present sufficient information for decision makers to compare alternatives and select a remedy.

Two additional potential components of an RI/FS, not included in the original scope of the Work Assignment D007623-10 (Obrecht, 2013), were discussed with NYSDEC in an initial scoping meeting. Surface soil sample collection for the completion of a QHHEA and evaluating the vertical extent of contamination in soil and groundwater were identified as potential data gaps for the completion of an RI/FS.

- Based on the current Site use and condition, exposed surface soil is not expected to be present; therefore, the collection of surface soil samples is not included in this scope of work
- NYSDEC indicated that the decision to investigate the vertical extent of CVOCs in groundwater and soil will be evaluated based on the results of the groundwater sampling event conducted as part of Task 2 described below.

2. PRELIMINARY ACTIVITIES (TASK 1)

Preliminary activities include preparation of this scope of work, schedule and associated NYSDEC contract-related forms, participation in the initial Site and well reconnaissance visit and review of available Site-related file information provided by NYSDEC for the project. Utility location maps, particularly sewer, will be obtained from the City of Schenectady, if available.

A Citizen Participation Plan (CPP) was generated by NYSDEC in March 2013. It is our understanding that a Fact Sheet and Citizen Participation Plan (CPP) will be distributed by NYSDEC prior to the initiation of RI field activities.

Parsons will be involved with quality control/quality assurance checks, safety reviews and checks, project meetings as warranted, and reviews of draft deliverables related to this task.

WELL RECONNAISSANCE/INVENTORY

As specified in the Work Assignment Scope of Work, the twelve existing wells, identified by NYSDEC as MW-AB, MW-Z, MW-X, MW-W, MW-AH, MW-1004, MW-AG, MW-1007, MW-AJ, MW-1006, MW-1005, and MW-1003, will be inspected to confirm location and condition. Well details including type of construction (*i.e.*, PVC), well riser diameter, total depth of well, condition of protective cover, condition of concrete pad, condition of PVC, indications of sediment within well or beneath protective cover, presence of dedicated tubing and markings indicating well name will be recorded.

Assumptions

- This activity will be completed by a two-person field team in one field day and does not include response to uncontrollable hindrance to access wells including vehicles parked on wells and snow banks that are too large to dig through.

3. REMEDIAL INVESTIGATION AND REPORT (TASK 2)

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

- Install two new overburden groundwater monitoring wells in the Rite Aid parking lot
- Install two replacement wells, if warranted
- Develop up to four newly installed groundwater monitoring wells
- Obtain water level measurements one time from fourteen groundwater monitoring wells
- Collect overburden groundwater samples from fourteen monitoring wells one time for VOC analysis
- Install two new permanent soil vapor points in the Rite Aid parking lot
- Collect soil vapor samples from the two new soil vapor points one time for VOC analysis
- Perform location and elevation survey of up to four new groundwater monitoring wells and two new permanent soil vapor points
- Perform vapor intrusion sampling from up to twenty-one locations and VOC analysis
- Collect, stage, characterize and arrange for disposal of investigation-derived waste (IDW)
- Perform data validation on VOC analyses performed on groundwater, soil vapor, sub-slab and ambient air samples
- Development of an RI Report in general accordance with DER-10 (NYSDEC, 2010).

The RI will be conducted in general accordance with NYSDEC guidelines outlined in DER-10. Field activities will be conducted in accordance with the Field Activities Plan (FAP) (Parsons and O'Brien & Gere, 2011a), Quality Assurance Project Plan (QAPP) (Parsons and O'Brien & Gere, 2011b), and the Health and Safety Plan (HASP) (Parsons and O'Brien & Gere, 2011c) prepared and approved for work conducted under 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 VOCs using a photoionization detector (PID). Consistent with the Community Air Monitoring Plan (CAMP) provided in Appendix 1A of DER-10 with special requirements (Attachment C), air monitoring will be conducted during the ground-intrusive work completed during this project (*i.e.*, direct push installation of monitoring wells and soil vapor points). Accordingly, one upwind and one

downwind station equipped with PID and particulate monitoring equipment will be housed in enclosures and mounted on tripods. The specific locations of the equipment will be based on wind direction and the location of the potential exposure populations at the time the field activities are completed.

Parsons will be involved with quality control/quality assurance checks, safety reviews and checks, project meetings as warranted, and reviews of draft deliverables related to this task.

The analytical scope of work is summarized in Table 1. Proposed locations for overburden monitoring wells are shown in Attachment B. More detailed information pertaining to implementation of the scope of work follows.

OVERBURDEN MONITORING WELL INSTALLATIONS

Two shallow overburden monitoring wells will be installed in the Rite Aid parking lot approximately 24 feet below grade consistent with previous monitoring wells installed in the area. Approximate locations are presented in Attachment B. One shallow overburden monitoring well will be placed on the west side of the Rite Aid building. The second shallow overburden monitoring well will be installed on the southwest side of the Rite Aid building.

Although damaged wells have not been identified at this time, NYSDEC requested costs be included to replace two existing monitoring wells. It is assumed that two replacement shallow (approximately 24 feet below grade) overburden monitoring wells will be installed next to damaged wells.

Each shallow overburden monitoring well will be installed to approximately 24 feet below grade. Consistent with previous monitoring wells installed in the area, the overburden wells will be installed within a 2.25-inch borehole to be advanced using direct push methods (Geoprobe or equivalent). Each well will be constructed of 10 feet of 1-inch diameter, 0.010-inch slotted PVC well screen, flush-threaded to appropriate lengths of 1-inch diameter PVC riser casing necessary to bring the top of the well to grade. The wells will be supplied with keyed-alike padlocks on expandable j-plugs. Well construction will be completed consistent with FAP Section 2.2.1.1. Soil samples will be collected continuously during borehole advancement. Soil cuttings will be contained in 55-gallon drums and staged in an area of the Site specified by the owner. The well heads will be completed with 4-inch diameter, bolt-down, water-tight traffic rated flush-mount road boxes. The road boxes will be set in a 1-foot diameter concrete well pad, flush to the existing grade.

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 (DOT)-approved 55-gallon drums.

Assumptions

- NYSDEC will obtain access from the owner(s) of the Rite Aid store for installation of two new groundwater monitoring wells
- NYSDEC will obtain access from respective parcel owners where two potential replacement wells are located
- O'Brien & Gere will coordinate with a utility marking service within two weeks prior to installation of the monitoring wells
- No bedrock wells will be installed
- Shallow overburden well mobilization, set-up, installation of four new wells and demobilization are anticipated to take approximately 1.5 days and be conducted in 2013
- Installation of groundwater wells will coincide with installation of the soil vapor points
- O'Brien & Gere will provide one person to oversee the installation of the groundwater monitoring wells
- Work will be conducted in modified Level D personal protection without Tyvek® unless it is deemed necessary for health and safety purposes

- Snow removal is not included in the cost estimate
- Proposed locations will not require traffic control.

MONITORING WELL DEVELOPMENT

Each newly installed monitoring well will be developed. Development of newly installed wells will begin, at a minimum, 48 hours after installation. 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 measured and 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. Water levels will be measured prior to and at the conclusion of development. Well development will be conducted consistent with FAP Section 2.3. Well development data will be recorded on a Well Development Log.

Assumptions

- It is assumed that the four new wells can be developed within one day by a two-person crew
- It is assumed that existing wells will not require redevelopment.

GROUNDWATER SAMPLING

Prior to sampling, groundwater levels will be measured to the nearest 0.01 foot at each of the twelve existing/replacement wells and two newly installed 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.

One set of groundwater samples will be collected following installation and development of the new wells. A total of fourteen new and existing wells will be sampled using dedicated polyethylene and peristaltic sample methods as described in FAP Section 2.5.2. This sampling method is consistent with the method utilized in the groundwater sampling events conducted by PES in 2009, 2010 and 2011. Groundwater samples will be submitted for VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260B.

Assumptions

- One set of groundwater samples will be collected from fourteen overburden monitoring wells
- Sampling will be conducted over a 2 day period by a two-person crew
- Work will be conducted in modified Level D personal protection without Tyvek®.

DIRECT PUSH SOIL VAPOR POINT DRILLING AND SAMPLING

To assist in evaluating the potential presence of residual source at the Site, two permanent soil vapor points will be installed in the Rite Aid parking lot utilizing direct push methods. It is assumed NYSDEC will identify the locations of the two soil vapor points. Two permanent soil vapor points will be installed to approximately 14 feet below grade. The soil vapor points will be installed within a 2.25-inch borehole to be advanced using direct push methods (Geoprobe or equivalent). The soil vapor points will be constructed with a 6-inch long, stainless steel, braided screen implant probe attached to ¼-inch outside diameter Teflon® tubing. Each soil vapor point will be constructed so that the implant probe is situated approximately 1 to 2 feet above the water table, which is located approximately 12 to 14 feet below grade based on prior site investigation work. The annular space around the probe will be filled with 60-100 mesh glass beads or equivalent to approximately 2 feet above the implant probe. A granular bentonite seal will be placed above the glass beads to surface grade to prevent ambient air infiltration. The well heads will be completed with 4-inch diameter, bolt-down, water-tight traffic rated flush-mount road boxes. The road boxes will be set in a 1-foot diameter concrete pad, flush to the existing grade.

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

Assumptions

- NYSDEC will prepare and distribute a letter notifying the property owner and tenant of the Site history and proposed sampling
- NYSDEC will provide O'Brien & Gere with contact information for the property owner and tenant
- NYSDEC will prepare an access agreement to be signed by the property owner prior to sampling activities
- O'Brien & Gere will coordinate schedule requirements with the property owner and tenant
- O'Brien & Gere will coordinate with a utility marking service within two weeks prior to installation of the soil vapor points
- Work will be conducted in modified Level D personal protection without Tyvek®
- It is assumed that soil vapor points will be installed by the drillers during the same mobilization as the groundwater monitoring well installation in the third or fourth quarter of 2013
- O'Brien & Gere will provide one person to oversee the installation of the soil vapor points
- O'Brien & Gere will provide two people to complete the sampling over one 12 hour day, plus travel
- After installation of the soil vapor points, O'Brien & Gere will conduct tracer gas testing to verify the integrity of the seal on the tubing
- Soil vapor samples will be collected into batch-certified 6 liter SUMMA® canisters
- Soil vapor samples will have a 4-hour integrated sample period
- No duplicates, trip blanks, or ambient samples will be collected as part of the soil vapor sampling
- Samples will be analyzed for the standard list of VOCs by USEPA Method TO-15
- O'Brien & Gere will contract a certified laboratory, coordinate sample delivery, and contract a third-party to provide data validation services for the samples
- O'Brien & Gere will summarize the results into a table within three weeks of receipt of validated test results
- NYSDEC will provide a letter of findings to the property owner/tenant
- It is assumed that soil vapor sampling will be conducted during the third or fourth quarter of 2013.

LOCATION AND ELEVATION SURVEY

Survey activities will be performed in one event. The survey event will be performed after completion of the monitoring well and soil vapor point installation field activities.

Each new overburden monitoring well location and soil vapor point location will be surveyed by a New York State-licensed surveyor. Horizontal datum will be referenced to North American Datum(NAD) 83 (2007) New York State Plane Eastern Zone and vertical datum to North American Vertical Datum (NAVD) 88. Elevation will be surveyed to 0.01 foot accuracy. The surveyor will provide a survey drawing signed by a professional surveyor and a spreadsheet listing the sample locations, northings, eastings, and elevations (ground surface, curb box and well casing).

Assumptions

- O'Brien & Gere will meet the surveyor on-site to review locations that require surveying and unlock well caps

- NYSDEC will provide O'Brien & Gere with survey information for existing monitoring wells, soil vapor points and soil boring locations.

VAPOR INTRUSION SAMPLING

Sub-slab and indoor air sampling will be conducted at up to twenty residential locations and a church in the vicinity of the Site based on discussions with NYSDEC. Up to twenty sample pairs (indoor air and sub-slab) and nine ambient outdoor air samples will be collected during the vapor intrusion investigation. Two additional sub-slab/indoor air sample pairs will be collected at the church.

Sampling will be performed consistent with *New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006). Soil vapor and ambient air samples will be collected in 6-liter SUMMA® canisters. With the exception of the reported daycare center in the church, the samples will have 24-hour integrated sample periods. The daycare center samples will have 8-hour integrated sample periods. Samples will be submitted for analysis of standard list VOCs by USEPA Method TO-15. O'Brien & Gere will summarize the results in separate tables for each property sampled within two weeks of receipt of validated analytical results.

Assumptions

- NYSDEC or NYSDOH will prepare and distribute letters notifying owners and tenants of the Site history and proposed sampling
- NYSDEC will provide O'Brien & Gere with contact information for all buildings to be sampled
- NYSDEC will prepare access agreements to be signed by owners prior to sampling activities
- O'Brien & Gere will coordinate schedule requirements with the owners/tenants
- For owners that do not respond to NYSDEC's letter or do not return a signed access agreement, NYSDEC or NYSDOH will make up to two additional telephone calls in an attempt to secure access
- With the aid of NYSDEC or NYSDOH, O'Brien & Gere will provide owners/tenants with information on the sampling and instructions for homeowner activities two weeks prior to completing the sampling
- A NYSDEC or NYSDOH representative will be readily available to answer Site-related questions posed by the owners /tenants
- The sampling will be conducted on weekdays, no sampling will take place during weekends
- O'Brien & Gere will complete a building survey and chemical inventory at each property sampled. The standard NYSDOH building survey and chemical inventory documentation will be completed during sample set-up and can take up to two hours to complete. For basements with a large quantity of chemicals, the building survey and chemical inventory may be completed the following day during sample pick-up.
- O'Brien & Gere will provide two people to complete the sampling over a consecutive two week period (10 field days; excluding weekends), the sample team will be available for up to 10 hours each sample set-up day, plus travel
- The sample team will attempt to complete sampling at up to three buildings per day
- Sub-slab samples will be collected in 6-liter batch-certified SUMMA® canisters and indoor/ambient air samples will be collected in individually-certified canisters
- Tracer gas testing will be performed at temporary sub-slab sample points
- The temporary sub-slab sample points will be installed into bare concrete (unfinished surface) that does not require re-finishing

- Following sample collection, sub-slab sample holes will be filled with Geocel 3300 polyurethane caulk.
- O'Brien & Gere will not collect asbestos samples
- Samples will be analyzed for the standard list of VOCs by USEPA Method TO-15
- O'Brien & Gere will collect and analyze four duplicate samples and four trip blanks as part of the indoor air and sub-slab air sampling work and one field duplicate ambient air sample
- O'Brien & Gere will contract a certified laboratory, coordinate sample delivery, and contract a third-party to provide data validation services for the collected samples
- O'Brien & Gere will summarize the results into separate tables for each property sampled within three weeks of receipt of validated test results
- NYSDEC will provide result letters to each owner/tenant transmitting data
- It is assumed that sub-slab/indoor air sampling will be conducted at the end of the Spring 2013 heating season, if possible. Otherwise samples will be collected at the beginning of the Fall 2013 heating season. Labor costs reflect completing this task in 2013.

INVESTIGATION DERIVED WASTE MANAGEMENT

IDW, including PPE, drill cuttings, decontamination rinsates, well development water, and purge water will be placed in DOT-approved 55-gallon drums and staged in the Rite Aid parking lot, as approved by the property owner. IDW generated on-site will remain on-site. IDW generated at off-site locations, if any, will also be staged in the approved location in the Rite Aid parking lot.

Based on our understanding of USEPA regulation pertaining to dry cleaning waste (*http://waste.supportportal.com/link/portal/23002/23023/Article/19013/Is-investigation-derived-waste-containing-tetrachloroethylene-otherwise-known-as-perchloroethylene-or-PCE-generated-from-soil-found-beneath-a-former-dry-cleaner-business-a-listed-hazardous-waste*), IDW generated is not classified as a listed waste and will be disposed of as non-hazardous waste unless analysis indicates that is it characteristic waste per TCLP as outlined in 40-CFR Part 261.

Furthermore, in accordance with Article 10 I.v.j. of Contract D007623, O'Brien & Gere is duly authorized and appointed by NYSDEC, as agent-in-fact for the NYSDEC, to act in all circumstances in the name, place and stead of the NYSDEC with respect to the completion and execution of manifests required by law for the storage, transportation and/or disposal of non-hazardous and regulated hazardous, or toxic materials and wastes from the Former Marlou Formal Wear site as each of those terms is defined by applicable statue and regulation. In accepting this appointment the agent agrees to abide by all applicable law, statutes and regulations governing the storage, transportation and/or disposal of non-hazardous and hazardous waste. Manifests will be signed accordingly with the following: "as an agent of NYSDEC".

For waste profiling and manifesting purposes, the generator will be identified as follows:

Generator: NYSDEC – Former Marlou Formal Wear Site
1108 State Street
Schenectady, NY 12304

Should additional information generated during the investigation indicate that the IDW would be a regulated Hazardous Waste, a Generator ID Number will be required. Should this need arise, O'Brien & Gere will notify NYSDEC and NYSDEC will provide a Generator ID Number for use.

Assumptions

- Consistent with Section 3.3(e) of DER-10, it is assumed that water IDW transported from off-site locations is non-hazardous until analysis indicates otherwise, precluding the need for a 6 NYCRR Part 364 permit
- One soil sample will be collected from the drummed soil IDW for analysis of TCLP/VOCs, ignitability, corrosivity and reactivity
- One composite water sample will be collected from the three drums of purged groundwater and decontamination water for analysis of ignitability, corrosivity and reactivity. The VOC results of the groundwater samples collected during the RI sampling event will be used to characterize the VOCs in the water IDW
- The property owner will provide approval to stage drummed IDW in the parking lot. The specific staging location will be approved by the property owner.

The following assumptions were made to develop costs for containerizing IDW, resulting in an estimated four drums:

- Drilling: It is estimated that a total of two drums of soil IDW will be generated
  - » Two direct push borings to 14 feet for soil vapor points
  - » Four wells (1-inch diameter) installed with direct push to 24 feet.
- Well development: It is estimated that 16 gallons of purge water will be generated for a total of 1/3 drum of development purge water IDW
  - » Four new wells, 10 feet of water column in each 1-inch well (0.041 gallons per foot) = 0.4 gallons per well at 10 well volumes (worst case scenario) = 4 gallons per well.
- Groundwater sampling: It is estimated that 17 gallons of purge water will be generated for a total of 1/3 drum of purge water IDW
  - » 14 wells to be sampled
  - » 10 feet of water column in each 1-inch well (0.041 gallons per foot) = 0.4 gallons per well at 3 well volumes = 1.2 gallons per well
  - » 14 wells at approximately 1.2 gallons each = 17 gallons of purge water.
- Decontamination water: It is estimated that 30-40 gallons of decontamination water will be generated during drilling for a total of 1 drum of decontamination water IDW
- The drums will be labeled as IDW, pending sampling results, and left on the Rite Aid property until picked up for disposal.

LABORATORY ANALYSES AND DATA VALIDATION

Soil vapor, air and groundwater samples will be collected and analyzed for VOCs as part of the 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 data packages. Analytical data will be submitted as an Electronic Data Deliverable (EDD) in the NYSDEC format.

Laboratory generated analytical data will be validated in accordance with the QAPP and a data usability summary report (DUSR) conforming to Appendix 2B of DER-10 will be prepared.

Assumptions

- Samples will be analyzed within the laboratory's standard turnaround times
- NYSDEC Electronic Data Deliverables (EDD) will include the following files: SubFacility_v3, Location_v3, Drill Activity_v3, Lithology_v3, Well_v3, WellConstruction_v3, WaterLevel_v3, SoilGas_v3, FieldResults_v3 (last three groundwater purge values), Sample_v3, TestResultsQC_v3, VI_Building_Inspection_v3, VI_Bldg_Address_v3, VI_Building_Parameters_v3, VI_Locations_v3, VI_Outdoor_locations_v3, VI_Samples_v3, and VI_TestResults_QC_v3.

RI DATA SUMMARY

Data obtained during the RI field investigation identified in this scope of work will be compiled and summarized following completion of the field activities and receipt of analytical data. This summary will include tables and figures summarizing the data collected during the 2013 investigation(s) only. It is expected that the tables will include detected CVOCs compared to regulatory criteria and figures will illustrate groundwater flow direction and extent of CVOCs in soil vapor, air and groundwater. Groundwater data will be compared to Class GA water quality standards and guidance values as presented in *Technical and Operational Guidance Series 1.1.1* (NYSDEC, 1998).

The RI Data Summary will also identify data gaps, if any, and recommendations for potential IRMs and/or supplemental RI field activities.

Assumptions

- Data management includes providing a contract-required EDD for the RI data
- The summary will consist of tables and figures for the data collected during the 2013 investigation(s) only
- A conference call will be held with NYSDEC to discuss the findings and outline possible future activities needed for the program.

HISTORICAL DATA EDD CREATION

The soil, groundwater and soil vapor information included in the following three reports will be used to create NYSDEC EDDs:

- *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794* (PES, 2010a)
- *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794* (PES, 2010b)
- *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794* (PES, 2011).

Specifically, the historical analytical data will consist of the following:

- Adirondack Environmental Services, Inc. (AES) Work Orders 110616033, 110630033, 100317030, 100407014, 090625026, 090723011, 090618054, 090618055, 090702025, 100416025, 090710071, and 090618053
- Spectrum Analytical, Inc. Project # 4-47-040
- TestAmerica Laboratories, Inc. – Burlington Job # 200-5785-1.

To the extent possible, NYSDEC EDDs will include the following files: SubFacility_v3, Location_v3, Lithology_v3, Well_v3, WellConstruction_v3, WaterLevel_v3, SoilGas_v3, Sample_v3, TestResultsQC_v3, and Batch_v3.

Assumptions

- The analytical data will be available from the respective laboratories in the NYSDEC EDD format and manual entry will not be required
- The non-analytical data required for the NYSDEC EDD will be available in the reports referenced above and will be manually entered into the EDD by O'Brien & Gere
- The x, y, z coordinates of the sample locations will be estimated if not available
- O'Brien & Gere will sign and submit the EDDs to NYSDEC.

QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

A QHHEA will be completed for the Site. The QHHEA will be developed in general accordance with DER-10. The overall objective of the QHHEA is to evaluate the linkages between the contaminant source(s) and potentially exposed human receptor populations. To satisfy this objective, the QHHEA will document and describe the contaminant source(s) and constituents of potential concern (COPCs), the current and reasonably anticipated future land use at the Site and at potentially affected off-site areas, potential exposure pathways, and potentially exposed receptor populations.

Based on environmental investigations conducted to date at the Site, potentially affected environmental media include soil, groundwater, soil vapor, and indoor air in the on-site building and off-site residences and commercial buildings. The documented presence of CVOCs in Site soil and groundwater and the potential for migration of soil vapor into indoor air spaces warrants further investigation of these media. As such, potential human exposure routes include incidental ingestion of soil/groundwater, dermal contact with soil/groundwater, inhalation of soil dust/ambient vapors, ingestion of drinking water, and inhalation of indoor air in occupiable buildings. Current and reasonably anticipated future land use will guide the identification of potentially exposed human receptor populations and the determination of complete or incomplete exposure pathways at the Site and at the adjacent residences and commercial buildings.

Assumptions

- The current mixed commercial/residential land use at the Site and adjacent parcels is likely to continue for the foreseeable future
- No comparison to standards or quantitative evaluation of risk will be conducted
- One consolidated set of minor comments on the draft QHHEA will require up to 4 person hours to address.

RI REPORT

Upon completion of the tasks detailed in this document, an RI Report will be produced in general accordance with DER-10. The RI Report will summarize the data collected during the RI, as well as relevant data prior to the RI for the Site. Conclusions based on this data will be provided. The information to be documented will consist of:

- Field investigation results
- Hydrologic interpretation
- Chemical analyses results
- On- and off-site nature and extent characterization based on available analytical results
- Results of the QHHEA.

Assumptions

- NYSDEC will provide O'Brien & Gere with electronic files of historical analytical data in Excel format
- Matrices to be addressed in the RI Report will consist of soil, groundwater, soil vapor, and indoor air
- The RI Report will include the analytical results of historical soil, groundwater and soil vapor sampling events made available in electronic format to O'Brien & Gere
- The RI Report will include the analytical results of the RI groundwater, soil vapor and indoor air sampling performed by O'Brien & Gere
- One consolidated set of minor comments on the draft RI Report will require up to 8 person hours to address
- Assumes one hard copy sent to the document repository.

4. FEASIBILITY STUDY AND REPORT (TASK 4)

- The objective of this task is to develop, screen and evaluate remedial alternatives for the Site in order to present sufficient information for decision makers to compare alternatives and select a remedy. The completion of the FS will be in general accordance with DER-10.

The FS will be developed in the following two steps and documented in the FS Report:

- Development of alternatives
- Detailed analysis of alternatives.

Parsons will be involved with quality control/quality assurance checks, project meetings as warranted, and reviews of draft deliverables related to this task.

The following describes the steps to be completed for the FS.

Development of Alternatives

The first step in the FS is the development, in a manner consistent with the above referenced guidance, of a range of remedial alternatives that are reflective of appropriate waste management options and which are protective of public health and the environment. The development of alternatives encompasses the following steps:

- Development of remedial objectives
- Development of general response actions
- Identification of volumes or areas of media
- Identification and screening of remedial technologies and process options
- Evaluation of process options
- Assembly of remedial alternatives.

For the purpose of this proposal, it is assumed that a total of three alternatives will be developed. Consistent with DER-10, one alternative will be the no further action alternative. It is also assumed that the screening of technologies will be presented in tabular format alone. The medium of concern to be addressed in this FS is assumed to consist of indoor air only. Our FS costs are based on our assumption that the QHHEA will conclude that there are no complete exposure pathways for soil and groundwater which is based on our understanding of the site characteristics and discussions with NYSDEC personnel (*i.e.*, groundwater and soil are below the contact depth and groundwater in the area is not used for potable purposes). It is our understanding that previous investigation work has substantially defined the nature and horizontal extent of the groundwater plume, and

previously the situation was not considered to present a significant threat. The advent of heightened vapor intrusion awareness resulted in the reconsideration of the threat posed by this Site.

Detailed Analysis of Alternatives

The objective of this step is to evaluate the remedial alternatives in detail to provide the basis for selection of a remedy. The detailed analysis will include a technical and statutory assessment and a cost analysis, as presented below. Prior to the detailed analysis of alternatives, a description of each alternative will be prepared.

The alternatives will be evaluated based on specific regulatory requirements, technical, cost, and institutional considerations, and community and support agency acceptance. The detailed analysis will consist of an assessment of each alternative against the evaluation criteria described below. The detailed analysis will also include a comparative evaluation identifying the relative performance of each alternative against the criteria. The following criteria will be used to evaluate the alternatives in detail:

- Overall protection of human health and the environment
- Compliance with Standards, Criteria and Guidance (SCGs)
- Long-term effectiveness and permanence
- Reduction of toxicity, mobility or volume through treatment
- Short term effectiveness
- Implementability
- Cost
- Land use
- Community acceptance.

One alternative will be recommended as preferred over the others and the basis for the recommendations will be provided. In accordance with DER-10, the recommended alternative must be protective of human health and the environment and must address promulgated standards and criteria that are directly applicable or are relevant and appropriate. The recommended alternative will be documented in the FS Report.

Feasibility Study Report

The results of the FS will be documented in the FS Report. Consistent with DER-10, the following format will be used to complete the FS Report.

1. Introduction
2. Site Description and History
3. Summary of RI and Exposure Assessment
5. Development of Remedial Alternatives
6. Detailed Analysis of Remedial Alternatives
7. Recommended Alternative

This scope of work and cost estimate assume one consolidated set of minor comments on the draft FS that are editorial in nature, and require up to 8 hours to address.

5. FUTURE TASKS

The following future tasks may be necessary after completion of the initial RI activities outlined above. No scope or associated cost estimate has been identified at this time for these tasks:

- Additional investigation to evaluate the vertical extent of CVOCs in soil and groundwater at the Site
- Additional Vapor Intrusion investigation in commercial buildings or residences in the focus area
- Decommissioning of two potentially damaged existing monitoring wells. Damaged wells would be decommissioned in accordance with NYSDEC Policy CP-43. It is assumed that the abandonment of the monitoring wells would consist of pulling the well materials from the borehole, backfilling the remaining open portion with cement/bentonite grout, and restoring the ground surface similar to the surrounding grade.

6. SCHEDULE

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

■ Complete Vapor Intrusion field activities	March 31, 2013*
■ Complete well reconnaissance	3 weeks after authorization
■ Complete soil vapor point field activities	Third or fourth quarter of 2013
■ Complete groundwater field activities	Third or fourth quarter of 2013
■ Complete lab analyses and data validation	8 weeks after completion of respective field work
■ Complete draft RI Data Summary	3 weeks after receipt of final validated analytical data
■ Complete draft RI Report	8 weeks after RI Data conference call with NYSDEC
■ Complete draft FS Report	12 weeks after NYSDEC approval of RI Report

* Provided receipt of signed access agreements and sample canisters are available. Although completion by March 31, 2013 is preferred, vapor Intrusion may be conducted up to April 15th as approved by NYSDOH. Otherwise, vapor intrusion work will need to be conducted during the Fall 2013 heating season.

7. REFERENCES

NYSDEC. 1998. *Division of Water Technical and Operational Guidance Series (TOGS) – Ambient Water Quality Standards and Guidance Values and Ground Water Effluent Guidelines (TOGS 1.1.1)*. June 1998.

NYSDEC. 2010. Technical Guidance for Site Investigation and Remediation (DER-10). *Division of Environmental Remediation.*

NYSDOH. 2006. *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*.

Parsons and O'Brien & Gere, 2011a. *Field Activities Plan*. May 2011.

Parsons and O'Brien & Gere, 2011b. *Generic Quality Assurance Project Plan*. May 2011.

Parsons and O'Brien & Gere, 2011c. *Generic/Site-specific Health and Safety Plan*. May 2011.

Precision Environmental Services, Inc., 2010a. *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794.* February 2010.

Precision Environmental Services, Inc., 2010b. *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794*. June 2010.

Precision Environmental Services, Inc., 2011. *Supplemental Subsurface Investigation Report Findings; Brandywine Avenue Plume Track Down, NYSDEC Spill No: 9706794.* August 2011.

Obrecht, E., NYSDEC, Albany NY. 2013. Letter, *RE: WA Issuance/Notice to Proceed*. Babcock, D. Parsons Engineering of NY, Syracuse, NY. February 12, 2013.

Table 1
Sample Analysis and QA/QC Summary
Former Marlou Formal Wear Site RI/FS
Schenectady, New York

Task	Matrix	Analyses	Method	Number of Samples	Trip Blank[1]	Field Duplicate[2]	MS[3]	MSD[3]	Total Number of Samples	Validated (Y/N)
Groundwater Sampling (one round)	**Groundwater**	Volatile Organics	USEPA Method 8260B	14	2	1	1	1	19	Y
Soil Gas	**Soil Gas**	Volatile Organics Normal (BC)	USEPA Method TO-15	2	0	0	0	0	2	Y
Vapor Intrusion	**Indoor Air**	Volatile Organics Low Level (IC)	USEPA Method TO-15	22	2	2	0	0	26	Y
	Subslab Air	Volatile Organics Normal (BC)	USEPA Method TO-15	22	2	2	0	0	26	Y
	Ambient Air	Volatile Organics - Low Level (IC)	USEPA Method TO-15	9[4]	0	1	0	0	10	Y
Waste Characterization	**Water**	Ignitability	USEPA Method 1030	1	0	0	0	0	1	N
		Corrosivity	USEPA Method 1110	1	0	0	0	0	1	N
		Reactivity	USEPA Method 9010/9030	1	0	0	0	0	1	N
	Soil	TCLP Volatile Organics	USEPA Method 1311	1	0	0	0	0	1	N
		Ignitability	USEPA Method 1030	1	0	0	0	0	1	N
		Corrosivity	USEPA Method 1110	1	0	0	0	0	1	N
		Reactivity	USEPA Method 9010/9030	1	0	0	0	0	1	N

Notes: [1] - Trip blanks are required in each cooler shipped that contain groundwater samples to be analyzed for VOCs. Trip blanks are to be analyzed at a frequency of 1 per 20 air samples.

[2] - Field duplicates are to be collected and analyzed at a frequency of 1 per 20 groundwater or air samples.

[3] - MS and MSD samples are to be collected and analyzed at a frequency of 1 per 20 groundwater samples.

[4] - Based on 9 days of sample collection.

BC - indicates summa canister is batch certified.

IC - indicates summa canister is individually certified.

Focus Area Map

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67,LOT 38
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

GROUNDWATER VERSUS SOIL VAPOR CONTAMINANT DISTRIBUTION MAP

BRANDYWINE AVE. PLUME TRACK DOWN

PROJECT #: NYSDEC SITE NO.: 4-47-040

LOCATION: SCHENECTADY, NY

DATE: June 2011 **REVISED BY:** DRN

FIGURE: 7 **SCALE:** AS SHOWN

LEGEND

- MW-J — GROUNDWATER MONITORING WELL
- SV-1 — SOIL VAPOR PROBE
- ND — NON DETECT
- CHLORINATED SOLVENT PLUME (TOTAL PCE, TCE & DCE) FOR GROUNDWATER, INFERRED
  - 5 ppb — 50 ppb
- 29 / ND / ND — TOTAL PCE / TOTAL TCE / TOTAL DCE — GROUNDWATER CONCENTRATIONS REPORTED IN ppb
- 29 / ND / ND — TOTAL PCE / TOTAL TCE / TOTAL DCE — SOIL VAPOR CONCENTRATIONS REPORTED IN µg/m³

0 100 200
Feet

NOTES:

- GROUNDWATER SAMPLING RESULTS FROM 6-23-2011 AND 6-24-2011 HAVE BEEN COMBINED IN THIS GRAPHIC ILLUSTRATION
- 2007 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY

New Groundwater Monitoring Well Location Map

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67 LOT 28
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

FOCUS AREA PLAN

BRANDYWINE AVE. PLUME TRACK DOWN

PROJECT #: NYSDEC SITE NO.: 4-47-040	
LOCATION: SCHENECTADY, NY	
DATE: 6-29-2010	**REVISED BY:** DRN
FIGURE: 2	**SCALE:** AS SHOWN

LEGEND

- MW-J — GROUNDWATER MONITORING WELL
- SV-1 — SOIL VAPOR PROBE
- FOCUS AREA BOUNDARY
- APPROXIMATE LOT BOUNDARY
- New well

0 100 200
Feet

NOTES:

- 2007 AERIAL IMAGERY PROVIDED COURTESY OF NEW YORK STATE GIS CLEARING HOUSE
- TAX MAP PROVIDED BY SCHENECTADY COUNTY REAL PROPERTY

NYSDOH Generic Community Air Monitoring Plan

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.

- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m^3, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 mcg/m^3 or less at the monitoring point.

- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Special Requirements for Indoor Work With Co-Located Residences or Facilities

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under "Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures" except that in this instance "nearby/occupied structures" would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g. weekends or evenings) when building occupancy is at a minimum.

Schedule 2.11(a)

Summary of Work Assignment Price
Former Marlou Formal Wear Site
Work Assignment Number : D007623-10

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	$6,200
2) Indirect Costs (Schedule 2.10(g))	$6,737
3) Direct Non-Salary Costs (Schedules 2.10(b) (c) and 2.11(c))	$176

4) Subcontract Costs

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

Name of Subcontractor	**Services To Be Performed**	**Subcontract Price**
i) O'Brien & Gere	See attached 2.11's for O'Brien & Gere	$184,239
iii)		

A) Total Cost-Plus-Fixed-Fee Subcontracts	$184,239	

Unit Price Subcontracts (See OBG Schedules 2.10 (f) and 2.11 (e))

Name of Subcontractor	**Services To Be Performed**	**Subcontract Price**
i)		
ii)		
iii)		

B) Total Unit Price Subcontracts	$0	
C) Subcontract Management Fee	$0	
D) Total Subcontract Costs (lines 4A + 4B + 4C)		$184,239
5) Fixed Fee (Schedule 2.10(h))		$1,294
6) Total Work Assignment Price (Lines 1 + 2 + 3 + 4D + 5)		$198,645

Engineer/Contract # D007623 Parsons
Former Marlou Formal
Project Name Wear Site
Work Assignment No. 10

Date Prepared: 6/11/2013

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***	
Year **2013**	$67.72		$64.97		$55.65		$48.28		$39.28		$31.69		$28.78		$25.51		$21.68		0	
RI/FS	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task 1 (Preliminary Activities) -Direct Labor	1	$67.72	1	$64.97	10	$556.50	0	$0.00	0	$0.00	0	$0.00	0	$0.00	8	$204.08	0	$0.00	20	$893.27
- Administrative		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00	2	$43.36	2	$43.36
Task 2 (Phase I RI and Report)-Direct Labor	2	$135.44	0	$0.00	12	$667.80	0	$0.00	6	$235.68	0	$0.00	32	$920.96	24	$612.24	0	$0.00	76	$2,572.12
-Administrative		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00	0	$0.00	2	$43.36	2	$43.36
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	$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	$0.00		$0.00	0	$0.00
Total Hours	3		1		22		0		6		0		32		32		4		100	
Total Direct Labor Cost ($) **Year**		$203.16		$64.97		$1,224.30		$0.00		$235.68		$0.00		$920.96		$816.32		$86.72		$3,552.11

	IX		***VIII***		***VII***		***VI***		***V***		***IV***		***III***		***II***		***I***		***Total No. of Direct Labor Hours and Costs Budgeted***	
Year **2014**	$69.75		$66.92		$57.32		$49.73		$40.46		$32.64		$29.64		$26.28		$22.33		0	
Description	Hours	Cost	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		$0.00	0	$0.00
Task 2 (Phase I RI 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	0	$0.00
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	$0.00		$0.00	0	$0.00
Task 4 (FS and Report) -Direct Labor	2	$139.50	1	$66.92	15	$859.80	0	$0.00	16	$647.36	0	$0.00	30	$889.20	0	$0.00	0	$0.00	64	$2,602.78
-Administrative		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00		$0.00	2	$44.66	2	$44.66
Total Hours	2		1		15		0		16		0		30		0		2		66	
Total Direct Labor Cost ($) **Year**		$139.50		$66.92		$859.80		$0.00		$647.36		$0.00		$889.20		$0.00		$44.66		$2,647.44

Total Labor Hours	**5**		**2**		**37**		**0**		**22**		**0**		**62**		**32**		**6**		**166**	
Total Direct Labor Costs		**$342.66**		**$131.89**		**$2,084.10**		**$0.00**		**$883.04**		**$0.00**		**$1,810.16**		**$816.32**		**$131.38**		**$6,199.55**

Schedule 2.11 (c)

Direct Non-Salary Costs
(Includes Equipment and Consumables)
Work Assignment Number **D007623-10**

	Item		Max. Reimbursement * Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost
A)	Non-Salary Costs				
	1)	In-house photocopying, black and white per page	$0.05	600	$30.00
	2)	In-house photocopying, color per page	$0.50	30	$15.00
	3)	CADD/GIS computer, per hour	$7.50	0	$0.00
				Subtotal	**$45.00**
B)	Equipment and Consumables - TASK 2				
	1)	Modified Level D PPE, per person-day	$10.00	0	$0.00
				Subtotal	**$0**
C)	Miscellaneous				
	1)	Meals (per day)	$56	0	$0.00
	2)	Lodging (per day)	$104	0	$0.00
	3)	Rental car plus gas(per day	$125	1	$125.00
	4)	LVE (per field person per hour)	$1.00	6	$6.00
				Subtotal	**$131.00**
				Direct Non-Salary Costs	**$176.00**

Schedule 2.11 (d)

Cost-Plus-Fixed-Fee Subcontracts
Work Assignment Number

Name of Subcontractor	Services to be Performed	Subcontract Price
O'Brien & Gere	**RI/FS**	**$153,740** 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		$32.21	$0.00	1471	$47,375

Total Direct Salary Costs: $47,375

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: $87,904

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			

Total Direct Non-Salary Costs: $9,668

D) Fixed Fee

The fixed fee is: 6.5 %

Fixed Fee: $8,793

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

Schedule 2.11 (e)

Unit Price Subcontract 1 of 7

Work Assignment Number **D007623-10**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
NA	**NA**	**$0**	**$0**

Schedule 2.11 (f) - Summary

Monthly Cost Control Report
Summary of Fiscal Information

Engineer **Parsons**
Contract No. **D007623** **Date Prepared** **6/10/13**
Project Name **Former Marlou Formal Wear Site**
Work Assignment No. **10**
Task #/Name **Summary**
Complete **0%**

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	$6,199.55	$6,199.55	$6,199.55	$0.00
2. Indirect Costs %	$0.00	$0.00	$0.00	$0.00	$6,737.05	$6,737.05	$6,737.05	$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$12,936.60	$12,936.60	$12,936.60	$0.00
4. Travel	$0.00	$0.00	$0.00	$0.00	$125.00	$125.00	$125.00	$0.00
5. Other Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$51.00	$51.00	$51.00	$0.00
6. Subtotal Direct Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$176.00	$176.00	$176.00	$0.00
7. Subcontractors	$0.00	$0.00	$0.00	$0.00	$184,239.19	$184,239.19	$184,239.19	$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	$197,351.79	$197,351.79	$197,351.79	$0.00
9. Fixed Fee	$0.00	$0.00	$0.00	$0.00	$1,293.66	$1,293.66	$1,293.66	$0.00
10. Total Work Assignment Price	$0.00	$0.00	$0.00	$0.00	$198,645.45	$198,645.45	$198,645.45	$0.00

Schedule 2.11 (f)

Monthly Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Former Marlou Formal Wear Site
Work Assignment No. 10
Task #/Name Task 1/Preliminary Activities
Complete 0%

Page 1 of 5
Date Prepared 6/10/2013
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	$936.63	$936.63	$936.63	$0.00
2. Indirect Costs - %	$0	$0	$0	$0	$1,017.84	$1,017.84	$1,017.84	$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	$0	$0	$0	$0	$1,954.47	$1,954.47	$1,954.47	$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	$14,101.13	$14,101.13	$14,101.13	$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	$16,055.60	$16,055.60	$16,055.60	$0.00
9. Fixed Fee	$0	$0	$0	$0	$195.45	$195.45	$195.45	$0.00
10.Total Work Assignment Price	$0	$0	$0	$0	$16,251.04	$16,251.04	$16,251.04	$0.00

Schedule 2.11 (f)

Monthly Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Former Marlou Formal Wear Site
Work Assignment No. 10
Task #/Name Task 2 RI and Report
Complete 0%

Date Prepared 6/10/2013

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	$2,615.48	$2,615.48	$2,615.48	$0.00
2. Indirect Costs %	$0	$0	$0	$0	$2,842.24	$2,842.24	$2,842.24	$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	$0	$0	$0	$0	$5,457.72	$5,457.72	$5,457.72	$0.00
4. Travel	$0	$0	$0	$0	$125.00	$125.00	$125.00	$0.00
5. Other Non-Salary Costs	$0	$0	$0	$0	$51.00	$51.00	$51.00	$0.00
6. Subtotal Direct Non-Salary Costs	$0	$0	$0	$0	$176.00	$176.00	$176.00	$0.00
7. Subcontractors - O'Brien & Gere and its subs	$0	$0	$0	$0	$139,609.63	$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	$145,243.35	$145,243.35	$145,243.35	$0.00
9. Fixed Fee	$0	$0	$0	$0	$545.77	$545.77	$545.77	$0.00
10. Total Work Assignment Price	$0	$0	$0	$0	$145,789.12	$145,789.12	$145,789.12	$0.00

Schedule 2.11 (f)

Monthly Cost Control Report
Summary of Fiscal Information

Engineer Parsons
Contract No. D007623
Project Name Former Marlou Formal Wear Site
Work Assignment No. 10
Task #/Name Task 3 - Phase II RI
Complete 0%

Date Prepared 6/10/2013

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 Marlou Formal Wear Site
Work Assignment No. 10
Task #/Name Task 4 /FS and Report
Complete 0%

Date Prepared 6/10/2013

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	$2,647.44	$2,647.44	$2,647.44	$0.00
2. Indirect Costs %	$0.00	$0.00	$0.00	$0.00	$2,876.97	$2,876.97	$2,876.97	$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$5,524.41	$5,524.41	$5,524.41	$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	$30,528.43	$30,528.43	$30,528.43	$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	$36,052.84	$36,052.84	$36,052.84	$0.00
9. Fixed Fee	$0.00	$0.00	$0.00	$0.00	$552.44	$552.44	$552.44	$0.00
10. Total Work Assignment Price	$0.00	$0.00	$0.00	$0.00	$36,605.28	$36,605.28	$36,605.28	$0.00

Schedule 2.11 (f) - Supplemental

Cost Control Report for Subcontracts

Engineer **Parsons** | **Page** **5 of 5**
Contract No. **D007623** | **Date Prepared** **6/10/2013**
Project Name **Former Marlou Formal Wear Site**
Work Assignment No. **10**

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. O'Brien & Gere	$0.00	$0.00	$0.00	$184,239.00	$0.00	$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
TOTALS	$0.00	$0.00	$0.00	$184,239.00	$0.00	$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 # **Parsons/D007623** **Date Prepared** **6/10/2013**
Project Name **Former Marlou Formal Wear**
Work Assignment No. **10**

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 / 1	0 / 10	0 / 0	0 / 0	0 / 0	0 / 0	0 / 8	0 / 0	0 / 2	0 / 22
Task 2	0 / 2	0 / 0	0 / 12	0 / 0	0 / 6	0 / 0	0 / 32	0 / 24	0 / 0	0 / 2	0 / 78
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 / 2	0 / 1	0 / 15	0 / 0	0 / 16	0 / 0	0 / 30	0 / 0	0 / 0	0 / 2	0 / 66
Total Hours	0 / 5	0 / 2	0 / 37	0 / 0	0 / 22	0 / 0	0 / 62	0 / 32	0 / 0	0 / 6	0 / 166

* Expended/Estimated

Schedule 2.11(a)

Summary of Work Assignment Price
Former Marlou Formal Wear Site
Work Assignment Number: *D007623-10*

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))				$47,375
2) Indirect Costs (Schedule 2.10(g))				$87,904
3) Direct Non-Salary Costs (Schedules 2.10(b) (c) and 2.11(c))				$10,976
4) Subcontract Costs				
Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(d))				
Name of Subcontractor		**Services To Be Performed**		**Subcontract Price**
i)				
ii)				
iii)				
vi)				
iv)				
A) Total Cost-Plus-Fixed-Fee Subcontracts			$0	
Unit Price Subcontracts (Schedule 2.10 (f) and 2.11 (e))				
Name of Subcontractor		**Services To Be Performed**		**Subcontract Price**
i)	Aztech Technologies, Inc.	Drilling		$6,670
ii)	TestAmerica Laboratories, Inc.	Laboratory Analyses		$15,167
iii)	Richard M. Rybinski, L.S.	Surveying		$1,420
iv)	SGD Environmental Services, Inc.	Data Validation		$1,826
v)	To Be Determined (Engineer's Est	IDW T&D		$1,125
vi)	To Be Determined (Engineer's Est	Subsurface Utility Inv		$1,800
vii)				
B) Total Unit Price Subcontracts			$28,008	
C) Subcontract Management Fee			$1,183	
D) Total Subcontract Costs (lines 4A + 4B + 4C)				$29,191
5) Fixed Fee (Schedule 2.10(h))				$8,793
6) Total Work Assignment Price (Lines 1 + 2 + 3 + 4D + 5)				$184,239

Engineer/Contract # D007623 O'Brien & Gere
Project Name Former Marlou Formal Wear Site
Work Assignment No. D007623-10

Date Prepared: 6/10/2013

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***	
Year **2013**	$67.72		$52.51		$43.61		$35.92		$29.79		$27.52		$26.03		$22.95		$19.78			
RI	Hours	Cost	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	$270.88	16	$840.16	52	$2,267.72	9	$323.28	0	$0.00	12	$330.24	0	$0.00	9	$206.55	0	$0.00	102	$4,238.83
- Administrative		$0.00	2	$105.02	2	$87.22		$0.00		$0.00		$0.00		$0.00		$0.00	5	$98.90	9	$291.14
Task 2 (Phase I RI and Report)-Direct Labor	8	$541.76	12	$630.12	135	$5,887.35	70	$2,514.40	240	$7,149.60	467	$12,851.84	46	$1,197.38	77	$1,767.15	0	$0.00	1055	$32,539.60
-Administrative		$0.00	2	$105.02	2	$87.22		$0.00		$0.00		$0.00		$0.00		$0.00	10	$197.80	14	$390.04
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	$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
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	$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	$0.00
Total Hours	12		32		191		79		240		479		46		86		15		1180	
Total Direct Labor Cost ($) **Year 2013**		$812.64		$1,680.32		$8,329.51		$2,837.68		$7,149.60		$13,182.08		$1,197.38		$1,973.70		$296.70		$37,459.61

	IX		***VIII***		***VII***		***VI***		***V***		***IV***		***III***		***II***		***I***		***Total No. of Direct Labor Hours and Costs Budgeted***	
Year **2014**	$69.75		$54.09		$44.92		$37.00		$30.68		$28.35		$26.81		$23.64		$20.37			
FS	Hours	Cost	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	$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
Task 2 (Phase I RI 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	$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
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	$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
Task 4 (FS and Report) -Direct Labor	7	$488.25	10	$540.90	68	$3,054.56	0	$0.00	0	$0.00	120	$3,402.00	60	$1,608.60	0	$0.00	0	$0.00	265	$9,094.31
-Administrative		$0.00	5	$270.45	5	$224.60		$0.00		$0.00		$0.00		$0.00		$0.00	16	$325.92	26	$820.97
Total Hours	7		15		73		0		0		120		60		0		16		291	
Total Direct Labor Cost ($) **Year 2014**		$488.25		$811.35		$3,279.16		$0.00		$0.00		$3,402.00		$1,608.60		$0.00		$325.92		$9,915.28

Total Labor Hours	**19**		**47**		**264**		**79**		**240**		**599**		**106**		**86**		**31**		**1471**	
Total Direct Labor Costs		**$1,300.89**		**$2,491.67**		**$11,608.67**		**$2,837.68**		**$7,149.60**		**$16,584.08**		**$2,805.98**		**$1,973.70**		**$622.62**		**$47,374.89**

Schedule 2.11 (c)

Direct Non-Salary Costs
(Includes Equipment and Consumables)
Work Assignment Number: D007623-10

Item		Max. Reimbursement * Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost
TASK 1 - Preliminary Activities				
A) Non-Salary Costs				
1)	In-house photocopying, black and white per page	$0.05	500	25.00
2)	In-house photocopying, color per page	$0.50	100	50.00
			Subtotal	**75.00**
B) Equipment and Consumables				
			Subtotal	**0.00**
C) Travel				
1)	Car per day rental	$75.00	2	150.00
2)	Gas per day	$50.00	2	100.00
			Subtotal	**250.00**
D) Miscellaneous				
			Subtotal	**0.00**
			Task 1- Total Direct Non-Salary Costs	**$325.00**
TASK 2 - Phase I RI and Report				
A) Non-Salary Costs				
1)	In-house photocopying, black/white per page	$0.05	5000	250.00
2)	In-house photocopying, color per page	$0.50	100	50.00
3)	CADD/GIS computer, per hour	$7.50	20	150.00
			Subtotal	**450.00**
B) Equipment and Consumables				
1)	Level D PPE, per person-day	$0.00	0	0.00
2)	Water sampling set-up:			
	Peristaltic pump per week rental	$75.00	1	75.00
	pH/Temp/Conductivity meter per week	$75.00	1	75.00
	Turbidity meter per week rental	$80.00	1	80.00
	Water level probe per week rental	$55.00	1	55.00
	Dedicated sample tubing - 100' rolls	$25.00	5	125.00
3)	VI sampling set-up:			
	Tubing/swagelok/permagum	$425.00	1	425.00
	Tracer gas supplies	$500.00	1	500.00

	Drill bit	$80.00	1	80.00
	Bios cal lite	$75.00	2	150.00
	Helium analyzer	$375.00	2	750.00
	Geopump w/ 12V Battery	$75.00	2	150.00
	Helium gas	$29.00	3	87.00
	Savilex nuts	$6.99	10	69.90
	Misc swagelok	$30.00	1	30.00
	Silicone tubing	$3.00	10	30.00
	1 L Tedlar bags	$20.00	2	40.00
4)	PID per week rental	$200.00	4	800.00
5)	Community Air Monitoring			
	Mini RAE PID	$60.00	5	300.00
	Dust Trak Aerosol Meter	$57.00	5	285.00
	Tripod enclosure, strobe light	$20.00	5	100.00
6)	Disposable bailers	$5.00	14	70.00
7)	Gloves, ice, bags, DI water, silicon tubing	$100.00	1	100.00
			Subtotal	**4,376.90**

C) Travel

1)	Truck per day rental	$95.00	10	950.00
2)	Gas per week	$200.00	2	400.00
3)	Car per day rental	$75.00	2	150.00
4)	Gas per day	$50.00	1	50.00
5)	Meals (per day)	$61.00	10	610.00
6)	Lodging (per day)	$104.00	8	832.00
7)	Tolls	$10.00	4	40.00
			Subtotal	**3,032.00**

D) Miscellaneous

1)	Air sample shipment to lab (per 4 cannisters)	$100.00	10	1,000.00
2)	Water and soil sample shipment to lab (per cooler)	$75.00	2	150.00
3)	Historical analytical laboratory electronic data deliverable (per EDD)	$15.00	14	210.00
3)	Equipment shipping (per meter)	$80.00	8	640.00
4)	LVE (per field person per hour)	$1.00	417	417.00
			Subtotal	**2,417.00**

Task 2 -Total Direct Non-Salary Costs **$10,275.90**

TASK 4 - FS and Report

A) Non-Salary Costs

1)	In-house photocopying, black/white per page	$0.05	1000	50.00
2)	In-house photocopying, color per page	$0.50	100	50.00
3)	CADD/GIS computer, per hour	$7.50	20	150.00
			Subtotal	**250.00**

B) Equipment and Consumables

			Subtotal	**0.00**

C) Travel

1)	Car per day rental	$75.00	1	75.00
2)	Gas per day	$50.00	1	50.00
			Subtotal	**125.00**

D) Miscellaneous

			Subtotal	**0.00**

Taks 4 - Total Direct Non-Salary Costs	**$375.00**
TOTAL DIRECT NON-SALARY COSTS	**$10,975.90**

Schedule 2.11 (e)

Unit Price Subcontract 1 of 6

Work Assignment Number **D007623-10**

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
Aztech Technologies, Inc.	**Drilling**	**$6,670**	**$334**

Item	**Max. Reimbursement Rate (Specify Unit)**		**Est. No. of Units**	**Total Est. Cost**
Mob drill rig and equipmen	$300	LS	1	$300
Direct-push drilling (GeoProbe®) with MacroCore™ sampling	$1,300	Per day	2	$2,600
Soil vapor point installed	$110	Each	2	$220
4-inch diameter flush-mount curb-box installed with 1-ft diameter concrete	$135	Each	6	$810
Temporary 1-inch, Schedule 40 PVC well	$11	Per foot	120	$1,350
New 55-gallon drums	$55	Each	4	$220
Decontamination	$155	Per hour	4	$620
Handling/staging of investigation derived waste	$155	Per hour	2	$310
Decontamination pad	$240	Each	1	$240

Subtotal-Subcontract Price	**$6,670**
Subcontract Management Fee (WBE <$10,000)	**$334**
TOTAL FOR DRILLING	**$7,004**

Schedule 2.11 (e)
Unit Price Subcontract 2 of 6
Work Assignment Number **D007623-10**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
TestAmerica Laboratories, Inc.	**Laboratory Analyses**	**$15,167**	**$758**

Item	Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost
W	TCL volatile organics (Method SW-846, 8260B)	$ 55.00	19	$ 1,045.00
A	Volatile organics - batch certified (Method TO-15)	$ 108.00	64	$ 6,912.00
A	Method TO-15 - Flow Regulator	$ 25.00	64	$ 1,600.00
A	Method TO-15 - 6-L Batch-certified Summa Canister	$ 50.00	28	$ 1,400.00
A	Method TO-15 - 6-L Individually-certified Summa Canister	$ 100.00	36	$ 3,600.00
S	Toxicity Characteristic Leaching Procedure (Method SW-846, 1311)	$ 490.00	1	$ 490.00
S/W	Corrosivity (Method SW-846, 1110)	$ 5.00	2	$ 10.00
S/W	Ignitability (Method SW-846, 1030)	$ 15.00	2	$ 30.00
S/W	Reactivity (Method SW-846, 9010/9030)	$ 40.00	2	$ 80.00
Subtotal-Subcontract Price from bid items				**$ 15,167.00**
Subcontract Management Fee				**$758**
TOTAL				**$15,925**

Schedule 2.11 (e)
Unit Price Subcontract 3 of 6
Work Assignment Number **D007623-10**

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
Richard M. Rybinski, L.S.	**Surveying**	**$1,420**	**$0**

Item	**Max. Reimbursement Rate (Specify Unit)**		**Est. No. of Units**	**Total Est. Cost**
Mob/demob crew and equipment; generate deliverable	$1,420	Lump sum	1	$1,420
Subtotal-Subcontract Price				**$1,420**
Subcontract Management Fee				**$0**
TOTAL				**$1,420**

Schedule 2.11 (e)
Unit Price Subcontract 4 of 6
Work Assignment Number **D007623-10**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
SGD Environmental Services, Inc.	**Data Validation**	**$1,826**	**$91**

Item		Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
W	TCL volatile organics (Method SW-846, 8260B)	$ 22.00	19	$ 418.00
A	Volatile organics - batch certified (Method TO-15)	$ 22.00	28	$ 616.00
A	Volatile organics - individual certified	$ 22.00	36	$ 792.00
Subtotal-Subcontract Price				**$ 1,826.00**
Subcontract Management Fee (WBE <$10,000)				**$91**
TOTAL				**$1,917**

Schedule 2.11 (e)
Unit Price Subcontract 5 of 6
Work Assignment Number **D007623-10**

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
TBD	**IDW T&D**	**$1,125**	**$0**

Item	**Max. Reimbursement Rate (Specify Unit)**		**Est. No. of Units**	**Total Est. Cost**
Transport and disposal of non-hazardous investigation-derived waste. A total of four 55-gallon drums; three containing soil and one	$1,125	Lump sum	1	$1,125
Subtotal-Subcontract Price				**$1,125**
Subcontract Management Fee				**$0**
TOTAL				**$1,125**

Schedule 2.11 (e)
Unit Price Subcontract 6 of 6
Work Assignment Number **D007623-10**

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
TBD	**Subsurface Utility Investigation**	**$1,800**	**$0**

Item	**Max. Reimbursement Rate (Specify Unit)**		**Est. No. of Units**	**Total Est. Cost**
Investigate the location of subsurface utilities in the areas of the four proposed drilling locations.	$1,800	Lump sum	1	$1,800
Subtotal-Subcontract Price				**$1,800**
Subcontract Management Fee				**$0**
TOTAL				**$1,800**

Schedule 2.11 (f) - Summary

Monthly Cost Control Report
Summary of Fiscal Information

Engineer O'Brien & Gere
Contract No. D007623
Project Name Former Marlou Formal Wear Site
Work Assignment No. D007623-10
Task #/Name Summary
Complete 0%

Billing Period _____
Invoice # _____

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	$47,374.89	$47,374.89	$47,374.89	$0.00
2. Indirect Costs - 185.55% of Direct Salary Costs	$0.00	$0.00	$0.00	$0.00	$87,904.11	$87,904.11	$87,904.11	$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$135,279.00	$135,279.00	$135,279.00	$0.00
4. Travel	$0.00	$0.00	$0.00	$0.00	$3,407.00	$3,407.00	$3,407.00	$0.00
5. Other Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$7,568.90	$7,568.90	$7,568.90	$0.00
6. Subtotal Direct Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$10,975.90	$10,975.90	$10,975.90	$0.00
7. Subcontractors	$0.00	$0.00	$0.00	$0.00	$28,008.00	$28,008.00	$28,008.00	$0.00
7a. Subcontract Mgt. Fee	$0.00	$0.00	$0.00	$0.00	$1,183.15	$1,183.15	$1,183.15	$0.00
8. Total Work Assignment Cost	$0.00	$0.00	$0.00	$0.00	$175,446.05	$175,446.05	$175,446.05	$0.00
9. Fixed Fee - 6.5% of Direct Salary and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$8,793.13	$8,793.13	$8,793.13	$0.00
10. Total Work Assignment Price	$0.00	$0.00	$0.00	$0.00	$184,239.18	$184,239.18	$184,239.18	$0.00

Schedule 2.11 (f)

Monthly Cost Control Report
Summary of Fiscal Information

Engineer O'Brien & Gere
Contract No. D007623
Project Name Former Marlou Formal Wear Site
Work Assignment No. D007623-10
Task #/Name Task 1 / Preliminary Activities
Complete 0%

Billing Period 0
Invoice # 0

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	$4,529.97	$4,529.97	$4,529.97	$0.00
2. Indirect Costs - 185.55% of Direct Salary Costs	$0.00	$0.00	$0.00	$0.00	$8,405.36	$8,405.36	$8,405.36	$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$12,935.33	$12,935.33	$12,935.33	$0.00
4. Travel	$0.00	$0.00	$0.00	$0.00	$250.00	$250.00	$250.00	$0.00
5. Other Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$75.00	$75.00	$75.00	$0.00
6. Subtotal Direct Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$325.00	$325.00	$325.00	$0.00
7. Subcontractor	$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	$13,260.33	$13,260.33	$13,260.33	$0.00
9. Fixed Fee - 6.5% of Direct Salary and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$840.80	$840.80	$840.80	$0.00
10.Total Work Assignment Price	$0.00	$0.00	$0.00	$0.00	$14,101.13	$14,101.13	$14,101.13	$0.00

Schedule 2.11 (f)

Monthly Cost Control Report
Summary of Fiscal Information

Engineer **O'Brien & Gere**
Contract No. **D007623**
Project Name **Former Marlou Formal Wear Site**
Work Assignment No. **D007623-10**
Task #/Name **Task 2 / Phase I RI and Report**
Complete **0%**

Billing Period **0**
Invoice # **0**

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	$32,929.64	$32,929.64	$32,929.64	$0.00
2. Indirect Costs - 185.55% of Direct Salary Costs	$0.00	$0.00	$0.00	$0.00	$61,100.95	$61,100.95	$61,100.95	$0.00
3. Subtotal Direct Salary Costs and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$94,030.59	$94,030.59	$94,030.59	$0.00
4. Travel	$0.00	$0.00	$0.00	$0.00	$3,032.00	$3,032.00	$3,032.00	$0.00
5. Other Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$7,243.90	$7,243.90	$7,243.90	$0.00
6. Subtotal Direct Non-Salary Costs	$0.00	$0.00	$0.00	$0.00	$10,275.90	$10,275.90	$10,275.90	$0.00
7. Subcontractors	$0.00	$0.00	$0.00	$0.00	$28,008.00	$28,008.00	$28,008.00	$0.00
7a Aztech Technologies, Inc.	$0.00	$0.00	$0.00	$0.00	$6,670.00	$6,670.00	$6,670.00	$0.00
7b TestAmerica Laboratories, Inc.	$0.00	$0.00	$0.00	$0.00	$15,167.00	$15,167.00	$15,167.00	$0.00
7c Richard M. Rybinski, L.S.	$0.00	$0.00	$0.00	$0.00	$1,420.00	$1,420.00	$1,420.00	$0.00
7d SGD Environmental Services, Inc.	$0.00	$0.00	$0.00	$0.00	$1,826.00	$1,826.00	$1,826.00	$0.00
7e To Be Determined (Engineer's Est)	$0.00	$0.00	$0.00	$0.00	$1,125.00	$1,125.00	$1,125.00	$0.00
7f To Be Determined (Engineer's Est)	$0.00	$0.00	$0.00	$0.00	$1,800.00	$1,800.00	$1,800.00	$0.00
7f. Subcontract Mgt. Fee	$0.00	$0.00	$0.00	$0.00	$1,183.15	$1,183.15	$1,183.15	$0.00
8. Total Work Assignment Cost	$0.00	$0.00	$0.00	$0.00	$133,497.64	$133,497.64	$133,497.64	$0.00
9. Fixed Fee - 6.5% of Direct Salary and Indirect Costs	$0.00	$0.00	$0.00	$0.00	$6,111.99	$6,111.99	$6,111.99	$0.00
10. Total Work Assignment Price	$0.00	$0.00	$0.00	$0.00	$139,609.63	$139,609.63	$139,609.63	$0.00

Subcontractors under Task 2 are as follows:

7a	Aztech Technologies, Inc.	$6,670	Drilling
7b	TestAmerica Laboratories, Inc.	$15,167	Analytical
7c	Richard M. Rybinski, L.S.	$1,420	Surveying
7d	SGD Environmental Services, Inc.	$1,826	Data Validation
7e	To Be Determined (Engineer's Est)	$1,125	IDW T&D
7f	To Be Determined (Engineer's Est)	$1,800	Subsurface Utility Inv
	Total for subs	$28,008	

Schedule 2.11 (f)

Monthly Cost Control Report
Summary of Fiscal Information

Engineer O'Brien & Gere
Contract No. D007623
Project Name Former Marlou Formal Wear Site
Work Assignment No. D007623-10
Task #/Name Task 3 / Phase II RI
Complete 0%

Billing Period 0
Invoice # 0

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 - 185.55% of Direct Salary 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. Drilling	$0	$0	$0	$0	$0	$0	$0	$0
7b. Laboratory analyses	$0	$0	$0	$0	$0	$0	$0	$0
7c. Surveying	$0	$0	$0	$0	$0	$0	$0	$0
7d. Data Validation	$0	$0	$0	$0	$0	$0	$0	$0
7e. Drum transport-disposal	$0	$0	$0	$0	$0	$0	$0	$0
7f. 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 - 6.5% of Direct Salary and Indirect Costs	$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 Former Marlou Formal Wear Site
Work Assignment No. D007623-10
Task #/Name Task 4 / FS and Report
Complete 0%

Billing Period 0
Invoice # 0

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	9,915.28	9,915.28	9,915.28	$0
2. Indirect Costs - 185.55% of Direct Salary Costs	$0	$0	$0	$0	18,397.80	18,397.80	18,397.80	$0
3. Subtotal Direct Salary Costs and Indirect Costs	$0	$0	$0	$0	28,313.08	28,313.08	28,313.08	$0
4. Travel	$0	$0	$0	$0	125.00	125.00	125.00	$0
5. Other Non-Salary Costs	$0	$0	$0	$0	250.00	250.00	250.00	$0
6. Subtotal Direct Non-Salary Costs	$0	$0	$0	$0	375.00	375.00	375.00	$0
7. Subcontractors	$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	28,688.08	28,688.08	28,688.08	$0
9. Fixed Fee - 6.5% of Direct Salary and Indirect Costs	$0	$0	$0	$0	1,840.35	1,840.35	1,840.35	$0
10. Total Work Assignment Price	$0	$0	$0	$0	30,528.43	30,528.43	30,528.43	$0

Schedule 2.11 (f) - Supplemental

Cost Control Report for Subcontracts

Engineer O'Brien & Gere
Contract No. D007623
Project Name Former Marlou Formal Wear Site
Work Assignment No. D007623-10

Billing Period 0
Invoice # 0

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. Aztech Technologies, Inc.	$0.00	$0.00	$0.00	$6,670.00	$333.50	$0.00	$0.00
2. TestAmerica Laboratories, Inc.	$0.00	$0.00	$0.00	$15,167.00	$758.35	$0.00	$0.00
3. Richard M. Rybinski, L.S.	$0.00	$0.00	$0.00	$1,420.00	$0.00	$0.00	$0.00
4. SGD Environmental Services, Inc.	$0.00	$0.00	$0.00	$1,826.00	$91.30	$0.00	$0.00
5. To Be Determined (Engineer's Est)	$0.00	$0.00	$0.00	$1,125.00	$0.00	$0.00	$0.00
To Be Determined (Engineer's Est)	$0.00	$0.00	$0.00	$1,800.00	$0.00	$0.00	$0.00
TOTALS	$0.00	$0.00	$0.00	$28,008.00	$1,183.15	$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 # **O'Brien & Gere/D007623**
Project Name **Former Marlou Formal Wear Site**
Work Assignment No **D007623-10**

Billing Period **0**
Invoice # **0**

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*	*Total No. of Direct Labor Hrs. Exp/Est*
Task 1	0.0 / 4.0	0.0 / 18.0	0.0 / 54.0	0.0 / 9.0	0.0 / 0.0	0.0 / 12.0	0.0 / 0.0	0.0 / 9.0	0.0 / 5.0	0.0 / 111.0
Task 2	0.0 / 8.0	0.0 / 14.0	0.0 / 137.0	0.0 / 70.0	0.0 / 240.0	0.0 / 467.0	0.0 / 46.0	0.0 / 77.0	0.0 / 10.0	0.0 / 1069.0
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	0.0 / 0.0	0.0 / 0.0	0.0 / 0.0	0.0 / 0.0
Task 4	0.0 / 7.0	0.0 / 15.0	0.0 / 73.0	0.0 / 0.0	0.0 / 0.0	0.0 / 120.0	0.0 / 60.0	0.0 / 0.0	0.0 / 16.0	0.0 / 291.0
Total Hours	0.0 / 19.0	0.0 / 47.0	0.0 / 264.0	0.0 / 79.0	0.0 / 240.0	0.0 / 599.0	0.0 / 106.0	0.0 / 86.0	0.0 / 31.0	0.0 / 1471.0

* Expended/Estimated

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Former Marlou Formal Wear

Site/Spill Number 447040 Contract/WA # D007623-10

NOTE: Standby Contractor must obtain Contract Manager approval prior to award of subcontract.

Check the appropriate box and complete the chart below:

[ ] Standby cost-plus-fixed-fee subconsultant selected on rotational basis.

[ ] Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

[ ] Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

For other unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

[ ] Total estimated costs are less than $10,000; three responsive quotes must be obtained (verbal is allowed).

[ ] Total estimated costs range from $10,000 to $20,000; three **written** responsive quotes must be obtained and attached.

[ ] Total estimated costs are over $20,000; five **written** responsive quotes must be obtained and attached.

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

[X] Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under $10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	***Phone Number***	***Date***	***Price Quote***
Parratt-Wolff, Inc.	315-437-1429	2/21/13	6,264
Aztech Technologies, Inc	518-885-5383	2/22/13	6,670
Geologic NY, Inc.	607-749-5000	2/25/13	6,001
Nature's Way	716-937-6527	2/25/13	9,640

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract includes all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.

3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)

4. For subcontracts in excess (or anticipated to be in excess) of $10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at http://www.osc.state.ny.us/agencies/gbull/g221.htm

5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).

6. The subcontract includes the termination clause required in the prime contract.

7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.

8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at http://www.ins.state.ny.us and Best's Rating can be determined at http://www.ambest.com). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.

9. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.

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

Douglas M. Crawford — 3/5/13
Signature of Contractor's Authorized Representative — Date

O'Brien & Gere Engineers, Inc. — D 007623-10
Contractor Name — Contract/WA No.

Aztech Technologies, Inc.
Subcontractor Name

Rev. 09/28/10

Janet Forsell

From: Patricia Kappeller <plkappel@gw.dec.state.ny.us>
Sent: Tuesday, March 05, 2013 2:32 PM
To: David Babcock
Cc: Janet Forsell; Deborah Wright
Subject: Re: Question about WBE cost reasonableness for WA D007623-10 Former Marlou Formal Wear

Yes, that is fine.

>>> "Babcock, David" <David.Babcock@parsons.com> 3/5/2013 1:19 PM >>>
Patty –

We are just about ready to submit to you our proposal for the subject work assignment. As we were finalizing costs for drilling from four quotes, we noticed the quote from a WBE driller totals $6,670 compared to $6,001 for the low-bid driller. The WBE quote is the second highest quote of the four we received. Is an 11 percent difference between the WBE quote and the lowest-price quote for subcontracted work under $10,000 considered reasonable and allowed under our contract?

David Babcock, P.E.
Contract Manager
PARSONS
301 Plainfield Road, Suite 350
Syracuse, NY 13212
Office 315 552-9674 direct dial
Cell 315 263-9023

Summary of Drilling Bids
Former Marlou Formal Wear Site

1108 State Street
Schenectady, New York

	Aztech Technologies, Inc.	Geologic NY, Inc.	Nature's Way	Parratt-Wolff Inc.
Total Fee Estimate	$6,670.00	$6,001.00	$9,640.00	$6,264.00

O'Brien & Gere has received a Work Assignment on the New York State Department of Environmental Conservation (NYSDEC) Standby Contract for an RI/FS at the Former Marlou Formal Wear Site in Schenectady, New York.

SCOPE OF WORK

- Four overburden monitoring wells will be installed to approximately 30 feet below grade. The overburden wells will be installed within a 2.25-inch borehole to be advanced using direct push methods (Geoprobe or equivalent). Each well will be constructed of 10 feet of 1-inch diameter, 0.010-inch slotted PVC well screen, flush-threaded to appropriate lengths of 1-inch diameter PVC riser casing necessary to bring the top of the well to grade. Soil samples will be collected continuously during borehole advancement. Soil cuttings will be contained in 55-gallon drums and staged in an area of the site specified by the owner. The well heads will be completed with 4-inch diameter, bolt-down, water-tight traffic rated flush-mount road boxes. The road boxes will be set in a 1-foot diameter concrete well pad, flush to the existing grade.
- Two existing 1-inch overburden monitoring wells (30 feet deep) will be decommissioned in accordance with NYSDEC Policy CP-43. It is assumed that the abandonment of the monitoring wells will consist of pulling the well materials from the borehole, backfilling the remaining open portion with cement/bentonite grout, and restoring the ground surface similar to the surrounding grade.
- Two permanent soil vapor (SV) points will be installed to approximately 14 feet below grade. The SV points will be installed within a 2.25-inch borehole to be advanced using direct push methods (Geoprobe or equivalent). The SV points will be constructed with a 6-inch long, stainless steel, braided screen implant probe attached to ¼-inch outside diameter Teflon tubing. Each SV point will be constructed so that the implant probe is situated approximately 1 to 2 feet above the water table, which is approximately 12 to 14 feet below grade. The annular space around the probe will be filled with 60-100 mesh glass beads to approximately 2 feet above the implant probe. A granular bentonite seal will be placed above the glass beads to surface grade to prevent ambient air infiltration. The well heads will be completed with 4-inch diameter, bolt-down, water-tight traffic rated flush-mount road boxes. The road boxes will be set in a 1-foot diameter concrete pad, flush to the existing grade.

DRILLING PRICING SHEET

Please fill-in the gray shaded areas on the attached cost spreadsheet and e-mail the completed spreadsheet back to me. In your return e-mail, please confirm that the unit pricing is in accordance with those you had provided to O'Brien & Gere previously for the NYSDEC Standby Contract.

SCHEDULE

It is anticipated that the above scope of work will be completed in one mobilization in 2013.

Please provide the completed spreadsheet by **COB Monday, February 25, 2013.**

Please let me know if you have any questions/clarifications regarding the scope or the pricing sheet.

Janet Forsell

From: Sean Pepling <SPepling@pwinc.com>
Sent: Thursday, February 21, 2013 5:04 PM
To: Janet Forsell
Cc: David Carnevale; Deborah Wright; Paul Curran
Subject: RE: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site
Attachments: image001.gif; image002.gif; Schenectady, NY - Former Marlou Site - P13136 - 022113.xls

Janet:

In response to your email request from earlier today, please find attached our completed pricing sheet for your Former Marlou Formal Wear Site RI/FS Work Assignment in Schenectady, New York.

Please note that I revised the unit cost that you had in the spreadsheet for the 1-inch wells from $16.00 per foot to $4.00 per foot to match the rate that we had in our contract. Also, I deleted the 4 hours of decontamination time that was in your spreadsheet as the rate for the direct-push drilling is a day rate and therefore decontamination time would be covered under that item.

Please feel free to contact me if you should have any questions and thank you for the opportunity to provide this bid.

Sean Pepling
Parratt-Wolff, Inc.
PO Box 56, 5879 Fisher Road
East Syracuse, NY 13057
(800) 782-7260
(315) 437-1429
(315) 437-1770 - fax

From: Janet Forsell [mailto:Janet.Forsell@obg.com]
Sent: Thursday, February 21, 2013 4:28 PM
To: Sean Pepling
Cc: David Carnevale; Deborah Wright; Paul Curran
Subject: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site

Good Afternoon Sean:

O'Brien & Gere has received a NYSDEC Standby Contract Work Assignment for an RI/FS at the Former Marlou Formal Wear Site in Schenectady, New York. The Scope of Work and Pricing Sheet for the drilling services are attached. An acknowledgement of receipt is kindly requested.

Please provide the completed spreadsheet by **COB Monday, February 25, 2013**.

Don't hesitate to contact me if you have any questions/clarifications regarding the scope or the pricing sheet.

Thank you,
Janet

O'BRIEN & GERE

Janet M. Forsell
PROJECT ASSOCIATE

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 ext 23 | *f* 518-452-9525
Janet.Forsell@obg.com www.obg.com

Former Marlou Formal Wear Site RI/FS
Schenectady, New York
Drilling Pricing Sheet for Specific Items

Project No. Client: NYSDEC
Summary of Services: Monitoring Well / Soil Vapor Point Installations

Company Name: Parratt-Wolff, Inc.
Company Size and Ownership Type: Small
Company Location: East Syracuse, New York
Company Telephone: (315) 437-1429
Bid Date: 21 February 2013

Item	Qty	Unit	Unit Cost	Total Cost
Mobilization/Demobilization	1	lump Sum	$400.00	$400.00
Test pitting / excavation		day* / half day		
Overburden drilling using 3.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 4.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 6.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Direct-push drilling (GeoProbe®) with MacroCore™ sampling	2	days*	$1,600.00	$3,200.00
Backfill of soil borings using bentonite chips/soil cuttings		bag cost		
Nominal 6-inch diameter "rock socket"		feet		
NX coring		feet		
HQ coring		feet		
Soil vapor point installed	**28**	**feet**	$8.00	$224.00
Temporary 1-inch, Schedule 40 PVC well installed[1]	120	feet	$4.00	$480.00
2-inch diameter, Schedule 40 PVC well installed[2]		feet		
4-inch diameter, Schedule 40 PVC well installed[2]		feet		
2-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
6-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
4-inch diameter flush-mount curb-box installed with 1-ft diameter concrete well pad	**6**	**each**	$175.00	$1,050.00
8-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
12-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
New 55-gallon drums	4	each	$60.00	$240.00
Well development[3]		hour		
Decontamination		hour	$175.00	$0.00
Standby		hour		
Upgrade to Level C		hour		
Handling/staging of investigation derived waste	2	hour	$175.00	$350.00
Hand-clearing utilties		hour		
Decontamination pad[4]	1	lump sum	$200.00	$200.00
Well abandonment[5]	60	foot	$2.00	$120.00
Annual unit rate markup beyond 2 year term		%		
Skid Steer		day*		
3rd Man		day*		
Support truck with water tank		day*		
Generator		day*		
			Total Cost	**$6,264.00**

Notes:

* A day will be considered as 10-hours on-site.

[1] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal to grade

[2] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal, cement/bentonite grout to 0.5-ft below grade.

[3] Well development will consist of surging and purging using hand bailing or pumping methods.

[4] Decontamination pad will be constructed using 2x6 lumber and lined with poly sheeting.

[5] It is assumed that abandonment of temporary monitoring wells will consist of pulling the well materials from the borehole, backfilling the remaining open portion with cement/bentonite grout, and restoration of the ground surface similar to surrounding grade.
Abandonment of permanent overburden monitoring wells will be in accordance with NYSDEC Policy CP-43, and will depend on site-specific geologic conditions and nature of contamination.

Rebecca Jenness

From: Fil Fina 3 <FFina3@aztechtech.com>
Sent: Friday, February 22, 2013 2:47 PM
To: Janet Forsell; Jason Natale
Cc: Donica Anderson; Mary Passaretti
Subject: Re: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site
Attachments: aztech marlou formal wear probing 02-22-13.xls

Janet,

Please see the attached. Thanks for the opportunity. Please call or email if you have any questions.

Fil

Aztech
Technologies, Inc.
Women Owned Business

Fil L. Fina, III, PE
Vice President
Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa, NY 12020
p 518.885.5383 | f 518.885.5385 | c 518.281.8888
ffina3@aztechtech.com | www.aztechtech.com

Remediation Solutions • Environmental Consulting • Drilling Applications

From: Janet Forsell <Janet.Forsell@obg.com>
Date: Friday, February 22, 2013 1:29 PM
To: Jason Natale <jnatale@aztechtech.com>
Cc: Donica Anderson <danderson@aztechtech.com>, Mary Passaretti <mpassaretti@aztechtech.com>, Office 2004 Test Drive User <ffina3@aztechtech.com>
Subject: RE: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site

Oh, great! Thanks for letting me know Jason.

Janet

From: Jason Natale [mailto:JNatale@aztechtech.com]
Sent: Friday, February 22, 2013 1:27 PM
To: Janet Forsell
Cc: Donica Anderson; Mary Passaretti; Fil Fina 3
Subject: RE: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site

Good afternoon Janet, I just got your voicemail about the proposal, this was passed onto someone and we will be submitting an estimate for you by **COB Monday, February 25, 2013**, thank you again for the opportunity !

Subject: FW: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site

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From: Janet Forsell[SMTP:JANET.FORSELL@OBG.COM]
Sent: Thursday, February 21, 2013 4:31:15 PM
To: James Stair
Cc: David Carnevale; Paul Curran; Deborah Wright
Subject: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site
Auto forwarded by a Rule

Good Afternoon James:

O'Brien & Gere has received a NYSDEC Standby Contract Work Assignment for an RI/FS at the Former Marlou Formal Wear Site in Schenectady, New York. The Scope of Work and Pricing Sheet for the drilling services are attached. An acknowledgement of receipt is kindly requested.

Please provide the completed spreadsheet by **COB Monday, February 25, 2013.**

Don't hesitate to contact me if you have any questions/clarifications regarding the scope or the pricing sheet.

Thank you,
Janet

Former Marlou Formal Wear Site RI/FS
Schenectady, New York
Drilling Pricing Sheet for Specific Items

Project No. Client: NYSDEC
Summary of Services: Monitoring Well / Soil Vapor Point Installations

Company Name: Aztech Technologies, Inc.
Company Size and Ownership Type: WBE
Company Location: Ballston Spa, New York
Company Telephone: (518) 885-5383
Bid Date:

Item	Qty	Unit	Unit Cost	Total Cost
Mobilization/Demobilization	1	lump Sum	$300.00	$300.00
Test pitting / excavation		day* / half day		
Overburden drilling using 3.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 4.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 6.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Direct-push drilling (GeoProbe®) with MacroCore™ sampling	2	days*	$1,300.00	$2,600.00
Backfill of soil borings using bentonite chips/soil cuttings		bag cost		
Nominal 6-inch diameter "rock socket"		feet		
NX coring		feet		
HQ coring		feet		
Soil vapor point installed	2	ea	$110.00	$220.00
Temporary 1-inch, Schedule 40 PVC well installed[1]	120	feet	$11.25	$1,350.00
2-inch diameter, Schedule 40 PVC well installed[2]		feet		
4-inch diameter, Schedule 40 PVC well installed[2]		feet		
2-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
6-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
4-inch diameter flush-mount curb-box installed with 1-ft diameter concrete well pad	6	each	$135.00	$810.00
8-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
12-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
New 55-gallon drums	4	each	$55.00	$220.00
Well development[3]		hour		
Decontamination	4	hour	$155.00	$620.00
Standby		hour		
Upgrade to Level C		hour		
Handling/staging of investigation derived waste	2	hour	$155.00	$310.00
Hand-clearing utilties		hour		
Decontamination pad[4]	1	lump sum	$240.00	$240.00
Well abandonment[5]	60	per foot	$3.00	$180.00
Annual unit rate markup beyond 2 year term		%		
Skid Steer		day*		
3rd Man		day*		
Support truck with water tank		day*		
Generator		day*		
			Total Cost	$6,670.00

Notes:

* A day will be considered as 10-hours on-site.

[1] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal to grade

[2] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal, cement/bentonite grout to 0.5-ft below grade.

[3] Well development will consist of surging and purging using hand bailing or pumping methods.

[4] Decontamination pad will be constructed using 2x6 lumber and lined with poly sheeting.

[5] It is assumed that abandonment of temporary monitoring wells will consist of pulling the well materials from the borehole, backfilling the remaining open portion with cement/bentonite grout, and restoration of the ground surface similar to surrounding grade.

Abandonment of permanent overburden monitoring wells will be in accordance with NYSDEC Policy CP-43, and will depend on site-specific geologic conditions and nature of contamination.

Rebecca Jenness

From: Janet Forsell
Sent: Thursday, February 21, 2013 4:25 PM
To: steve@geologic.net
Cc: David Carnevale; Deborah Wright; Paul Curran
Subject: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site
Attachments: Drilling SOW.doc; Marlou_RPF_Cost_Sheet_Geologic.xls; image001.gif; image002.gif

Good Afternoon Steve:

O'Brien & Gere has received a NYSDEC Standby Contract Work Assignment for an RI/FS at the Former Marlou Formal Wear Site in Schenectady, New York. The Scope of Work and Pricing Sheet for the drilling services are attached. An acknowledgement of receipt is kindly requested.

Please provide the completed spreadsheet by **COB Monday, February 25, 2013**.

Don't hesitate to contact me if you have any questions/clarifications regarding the scope or the pricing sheet.

Thank you,
Janet

O'BRIEN & GERE

Janet M. Forsell
PROJECT ASSOCIATE

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 ext 23 | *f* 518-452-9525
Janet.Forsell@obg.com www.obg.com

Rebecca Jenness

From: Pat Hart <PHart@geologic.net>
Sent: Monday, February 25, 2013 4:00 PM
To: Janet Forsell
Subject: Former Marlou Formal Wear Site
Attachments: OB&G - Marlou - Schenectady.pdf

Good afternoon Janet,

I'm sending you a copy of the attached Drilling Pricing Sheet in connection with the referenced project as per your request.

If you should have any questions, please feel free to contact us.

Thanks.

PATRICIA HART
GEOLOGIC NY, INC. / NORTH STAR DRILLING
PO BOX 350
HOMER, NY 13077
phart@geologic.net
Phone: 607-749-5000 / Fax: 607-749-5063

Former Marlou Formal Wear Site RI/FS
Schenectady, New York
Drilling Pricing Sheet for Specific Items

Project No. Client: NYSDEC
Summary of Services: Monitoring Well / Soil Vapor Point Installations

Company Name: Geologic NY, Inc.
Company Size and Ownership Type: Small
Company Location: Homer, New York
Company Telephone: (607) 749-5000
Bid Date:

Item	Qty	Unit	Unit Cost	Total Cost
Mobilization/Demobilization	1	lump Sum	$200.00	$200.00
Test pitting / excavation		day* / half day		
Overburden drilling using 3.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 4.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 6.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Direct-push drilling (GeoProbe®) with MacroCore™ sampling	2	days*	$1,200.00	$2,400.00
Backfill of soil borings using bentonite chips/soil cuttings		bag cost		
Nominal 6-inch diameter "rock socket"		feet		
NX coring		feet		
HQ coring		feet		
Soil vapor point installed	**28**	**feet**	**$6.00**	**$168.00**
Temporary 1-inch, Schedule 40 PVC well installed[1]	120	feet	$11.00	$1,320.00
2-inch diameter, Schedule 40 PVC well installed[2]		feet		
4-inch diameter, Schedule 40 PVC well installed[2]		feet		
2-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
6-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
4-inch diameter flush-mount curb-box installed with 1-ft diameter concrete well pad	**6**	**each**	**$150.00**	**$900.00**
8-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
12-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
New 55-gallon drums	4	each	$27.00	$108.00
Well development[3]		hour		
Decontamination	4	hour	$80.00	$320.00
Standby		hour		
Upgrade to Level C		hour		
Handling/staging of investigation derived waste	2	hour	$80.00	$160.00
Hand-clearing utilities		hour		
Decontamination pad[4]	1	lump sum	$125.00	$125.00
Well abandonment[5]	60	per foot	$5.00	$300.00
Annual unit rate markup beyond 2 year term		%		
Skid Steer		day*		
3rd Man		day*		
Support truck with water tank		day*		
Generator		day*		
			Total Cost	$6,001.00

Notes:

* A day will be considered as 10-hours on-site.

[1] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal to grade

[2] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal, cement/bentonite grout to 0.5-ft below grade.

[3] Well development will consist of surging and purging using hand bailing or pumping methods.

[4] Decontamination pad will be constructed using 2x6 lumber and lined with poly sheeting.

[5] It is assumed that abandonment of temporary monitoring wells will consist of pulling the well materials from the borehole, backfilling the remaining open portion with cement/bentonite grout, and restoration of the ground surface similar to surrounding grade.
Abandonment of permanent overburden monitoring wells will be in accordance with NYSDEC Policy CP-43, and will depend on site-specific geologic conditions and nature of contamination.

Rebecca Jenness

From: Dale Gramza <DGramza@natureswayenv.com>
Sent: Monday, February 25, 2013 10:10 AM
To: Janet Forsell
Subject: RE: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site
Attachments: DOC022513-02252013100426.pdf

Janet, see attached drilling pricing sheet.

NATURE'S WAY ENVIRONMENTAL
Consultants & Contractors, Inc.
A Certified WBE and DBE Company!!
Dale M. Gramza
Manager of Geologic Services
Nature's Way Environmental
716-937-6527 x104
Fax 937-9360
dgramza@natureswayenv.com
www.natureswayenv.com

From: Janet Forsell [mailto:Janet.Forsell@obg.com]
Sent: Thursday, February 21, 2013 4:34 PM
To: Dale Gramza
Cc: David Carnevale; Deborah Wright; Paul Curran
Subject: NYSDEC Standby Contract WA - Former Marlou Formal Wear Site

Good Afternoon Dale:

O'Brien & Gere has received a NYSDEC Standby Contract Work Assignment for an RI/FS at the Former Marlou Formal Wear Site in Schenectady, New York. The Scope of Work and Pricing Sheet for the drilling services are attached. An acknowledgement of receipt is kindly requested.

Please provide the completed spreadsheet by **COB Monday, February 25, 2013**.

Don't hesitate to contact me if you have any questions/clarifications regarding the scope or the pricing sheet.

Thank you,
Janet

O'BRIEN & GERE

Janet M. Forsell
PROJECT ASSOCIATE

O'BRIEN & GERE

435 New Karner Road
Albany, NY 12205
p 518-452-9392 ext 23 | *f* 518-452-9525
Janet.Forsell@obg.com www.obg.com

Former Marlou Formal Wear Site RI/FS
Schenectady, New York
Drilling Pricing Sheet for Specific Items

P 45-13
Project No.

Client: NYSDEC

Summary of Services: Monitoring Well / Soil Vapor Point Installations

Nature's Way Environmental
3553 Crittenden Road
Alden, NY 14004
(716) 937-6527

Company Name: Nature's Way
Company Size and Ownership Type: WBE
Company Location: Alden, New York
Company Telephone: (716) 937-6527

Item	Qty	Unit	Unit Cost	Total Cost
Mobilization/Demobilization	1	lump Sum	$600.00	$600.00
Test pitting / excavation		day* / half day		
Overburden drilling using 3.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 4.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Overburden drilling using 6.25-inch hollow stem augers with continuous sampling using 2-inch split spoons		feet		
Direct-push drilling (GeoProbe®) with MacroCore™ sampling	2	days*	$1,150.00	$2,300
Backfill of soil borings using bentonite chips/soil cuttings		bag cost		
Nominal 6-inch diameter "rock socket"		feet		
NX coring		feet		
HQ coring		feet		
Soil vapor point installed	2	feet	$200.00	$400.00
Temporary 1-inch, Schedule 40 PVC well installed[1]	120	feet	$24.00	$2,880.00
2-inch diameter, Schedule 40 PVC well installed[2]		feet		
4-inch diameter, Schedule 40 PVC well installed[2]		feet		
2-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter, fiberglass reinforced epoxy well installed[2]		feet		
4-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
6-inch diameter above ground steel protective casing installed with 2-ft diameter concrete well pad		each		
4-inch diameter flush-mount curb-box installed with 1-ft diameter concrete well pad	6	each	$250.00	$1,500.00
8-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
12-inch diameter flush-mount curb-box installed with 2-ft diameter concrete well pad		each		
New 55-gallon drums	4	each	$65.00	$260.00
Well development[3]		hour		
Decontamination	4	hour	$150.00	$600.00
Standby		hour		
Upgrade to Level C		hour		
Handling/staging of investigation derived waste	2	hour	$150.00	$300.00
Hand-clearing utilities		hour		
Decontamination pad[4]	1	lump sum	$800.00	$800.00
Well abandonment[5]	60	per foot	$10.00	$600.00
Annual unit rate markup beyond 2 year term		%		
Skid Steer		day*		
3rd Man		day*		
Support truck with water tank		day*		
Generator		day*		
			Total Cost	$9,640.00

Notes:

* A day will be considered as 10-hours on-site.

[1] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal to grade

[2] Constructed with 10-ft of 0.010-inch slot screen, filter pack installed to 2-ft above screen, 2-ft bentonite seal, cement/bentonite grout to 0.5-ft below grade.

[3] Well development will consist of surging and purging using hand bailing or pumping methods.

[4] Decontamination pad will be constructed using 2x6 lumber and lined with poly sheeting.

[5] It is assumed that abandonment of temporary monitoring wells will consist of pulling the well materials from the borehole, backfilling the remaining open portion with cement/bentonite grout, and restoration of the ground surface similar to surrounding grade.
Abandonment of permanent overburden monitoring wells will be in accordance with NYSDEC Policy CP-43, and will depend on site-specific geologic conditions and nature of contamination.

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Former Marion Formal Wear

Site/Spill Number 447040 Contract/WA # D007623-10

NOTE: Standby Contractor must obtain Contract Manager approval prior to award of subcontract.

Check the appropriate box and complete the chart below:

[ ] Standby cost-plus-fixed-fee subconsultant selected on rotational basis.

[X] Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

[ ] Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

For other unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

[ ] Total estimated costs are less than $10,000; three responsive quotes must be obtained (verbal is allowed).

[ ] Total estimated costs range from $10,000 to $20,000; three **written** responsive quotes must be obtained and attached.

[ ] Total estimated costs are over $20,000; five **written** responsive quotes must be obtained and attached.

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

[ ] Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under $10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	*Phone Number*	*Date*	*Price Quote*
Test America	716-504-9814	2/26/13	$ 15,167

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract includes all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.

3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)

4. For subcontracts in excess (or anticipated to be in excess) of $10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at http://www.osc.state.ny.us/agencies/gbull/g221.htm

5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).

6. The subcontract includes the termination clause required in the prime contract.

7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.

8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at http://www.ins.state.ny.us and Best's Rating can be determined at http://www.ambest.com). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.

9. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.

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

Signature of Contractor's Authorized Representative — Date: 3/5/13

O'Brien & Gere Engineers, Inc. — Contract/WA No.: D007623-10
Contractor Name

Test America
Subcontractor Name

Rev. 09/28/10

Rebecca Jenness

From: Deyo, Melissa <Melissa.Deyo@testamericainc.com>
Sent: Tuesday, February 26, 2013 10:45 AM
To: Janet Forsell
Subject: RE: NYSDEC Standby Contract Project - Former Marlou Formal Wear
Attachments: image001.gif; image002.gif

Janet,

The pricing looks good. However, you will need to include $50 per batch certified summa canister for the TO-15 method or $100 for individually certified canisters. And $25 per air flow regulator. The cost per soil samples by 8260 without TICs is $60. Let me know if you have any further questions.

MELISSA DEYO
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10 Hazelwood Drive
Amherst, NY 14228
Tel 716.504.9874 | Fax 716.691.7991
www.testamericainc.com

From: Janet Forsell [mailto:Janet.Forsell@obg.com]
Sent: Tuesday, February 26, 2013 10:10 AM
To: Deyo, Melissa
Subject: RE: NYSDEC Standby Contract Project - Former Marlou Formal Wear

Thank you Melissa. Could you also confirm that the unit price for a soil sample for VOCs by 8260 (with no TICs) with Cat B is $60?

Thanks,
Janet

O'BRIEN & GERE

Janet M. Forsell
PROJECT ASSOCIATE

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 ext 23 | *f* 518-452-9525
Janet.Forsell@obg.com www.obg.com

From: Deyo, Melissa [mailto:Melissa.Deyo@testamericainc.com]
Sent: Tuesday, February 26, 2013 9:57 AM
To: Janet Forsell; Schove, John
Subject: RE: NYSDEC Standby Contract Project - Former Marlou Formal Wear

Hi Janet,

I will get back you by the end of the day on this.

MELISSA DEYO
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10 Hazelwood Drive
Amherst, NY 14228
Tel 716.504.9874 | Fax 716.691.7991
www.testamericainc.com

From: Janet Forsell [mailto:Janet.Forsell@obg.com]
Sent: Tuesday, February 26, 2013 9:36 AM
To: Schove, John
Cc: Deyo, Melissa
Subject: RE: NYSDEC Standby Contract Project - Former Marlou Formal Wear

Good Morning John,

Were you able to take a look at this yet?

Thanks,
Janet

O'BRIEN & GERE

Janet M. Forsell
PROJECT ASSOCIATE

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 ext 23 | *f* 518-452-9525
Janet.Forsell@obg.com www.obg.com

From: Schove, John [mailto:John.Schove@testamericainc.com]
Sent: Friday, February 22, 2013 5:10 PM
To: Janet Forsell
Cc: Deyo, Melissa
Subject: RE: NYSDEC Standby Contract Project - Former Marlou Formal Wear

Janet,

I will take a look at this and get back to you on Monday.

John

JOHN SCHOVE
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

10 Hazelwood Drive
Amherst, NY 14228
Tel 716.504.9838 | Fax 716.691.7991
www.testamericainc.com

From: Janet Forsell [mailto:Janet.Forsell@obg.com]
Sent: Friday, February 22, 2013 4:43 PM
To: Schove, John
Cc: Deyo, Melissa
Subject: FW: NYSDEC Standby Contract Project - Former Marlou Formal Wear

Hi John,

I understand Melissa is out until the 26th. Would you be able to take care of our request outlined below?

Thanks,
Janet

From: Janet Forsell
Sent: Friday, February 22, 2013 4:39 PM
To: melissa.deyo@testamericainc.com
Subject: NYSDEC Standby Contract Project - Former Marlou Formal Wear

Hi Melissa,

O'Brien & Gere has received a work assignment under our NYSDEC Standby Contract for the Former Marlou Formal Wear site in Schenectady, NY. We are planning on using TestAmerica for the analytial laboratory services. Please find the attached table with the scope of work and Test America's unit rates that were submitted to O'Brien & Gere for use on the NYSDEC Standby Contract. We anticipate the groundwater sampling will be conducted in the spring/summer of 2013 and the soil gas and VI sampling will be conducted together in the winter of 2013/2014.

Please review the unit rates to confirm they are accurate and let me know by COB Tuesday, February 26th.

Thank you,
Janet

[redacted]

O'BRIEN & GERE

Table 1
Sample Analysis and QA/QC Summary
Former Marlou Formal Wear Site RI/FS
Schenectady, New York

Task	Matrix	Analyses	Method	Number of Samples	Trip Blank[1]	Field Duplicate[2]	MS[3]	MSD[3]	Total Number of Samples	Cost per Sample - Equipment[4]	Cost per Sample - Analysis[5]	Total Cost
Groundwater Sampling (one round)	Groundwater	Volatile Organics	USEPA Method 8260B	14	2	1	1	1	19	$0	$55	$1,045
Soil Gas	Soil Gas	Volatile Organics Normal (BC)	USEPA Method TO-15	2	0	0	0	0	2	$75	$108	$366
Vapor Intrusion	Indoor Air	Volatile Organics Low Level (IC)	USEPA Method TO-15	22	2	2	0	0	26	$125	$108	$6,058
	Subslab Air	Volatile Organics Normal (BC)	USEPA Method TO-15	22	2	2	0	0	26	$75	$108	$4,758
	Ambient Air	Volatile Organics - Low Level (IC)	USEPA Method TO-15	9[6]	0	1	0	0	10	$125	$108	$2,330
Waste Characterization	Water	Ignitability	USEPA Method 1030	1	0	0	0	0	1	$0	$15	$15
		Corrosivity	USEPA Method 1110	1	0	0	0	0	1	$0	$5	$5
		Reactivity	USEPA Method 9010/9030	1	0	0	0	0	1	$0	$40	$40
	Soil	TCLP Volatile Organics	USEPA Method 1311	1	0	0	0	0	1	$0	$490	$490
		Ignitability	USEPA Method 1030	1	0	0	0	0	1	$0	$15	$15
		Corrosivity	USEPA Method 1110	1	0	0	0	0	1	$0	$5	$5
		Reactivity	USEPA Method 9010/9030	1	0	0	0	0	1	$0	$40	$40

Total $15,167

Notes: [1] - Trip blanks are required in each cooler shipped that contain groundwater samples to be analyzed for VOCs. Trip blanks are to be analyzed at a frequency of 1 per 20 air samples.

[2] - Field duplicates are to be collected and analyzed at a frequency of 1 per 20 groundwater or air samples.

[3] - MS and MSD samples are to be collected and analyzed at a frequency of 1 per 20 groundwater samples.

[4] - Equipment includes a batch-certified 6L summa canister and regulator for soil gas and subslab air samples, and an individually-certified 6L summa canister and regulator for indoor and ambient air samples.

[5] - Cost per sample applies to an ASP Category B data package, except for Waste Characterization samples which are results only.

[6] - Based on 9 days of sample collection.

BC - indicates summa canister is batch certified.

IC - indicates summa canister is individually certified.

Price Quotation Schedule
NYSDEC Analytical Services Protocol

Type of Analysis	*Analytical Method*	*Cost Per Sample* — *Aqueous Sample* — *NYSDEC-ASP Category A Reporting*	*Aqueous Sample* — *NYSDEC-ASP Category B Reporting*	*Aqueous Sample* — *Analyte Reporting*	*Non-Aqueous Sample* — *NYSDEC-ASP Category A Reporting*	*Non-Aqueous Sample* — *NYSDEC-ASP Category B Reporting*	*Non-Aqueous Sample* — *Analyte Reporting*
Volatile Organics	624 8021B 8260B 524.2 502.2	$ 60.00 $ NB $ 54.00 $ 65.00 $ NB	$ 62.50 $ NB $ 55.00 $ 66.00 $ NB	$ 60.00 $ NB $ 54.00 $ 65.00 $ NB	$ 60.00 $ NB $ 57.00 $ N/A $ NB	$ N/A $ NB $ 60.00 $ N/A $ NB	$ N/A $ NB $ 57.00 $ N/A $ NB
Halogenated Volatile Organics	601 8010	$ 45.00 $ 54.00	$ 46.00 $ 55.00	$ 45.00 $ 54.00	$ N/A $ 57.00	$ N/A $ 60.00	$ N/A $ 57.00
Volatile Aromatics	602	$ 42.00	$ 42.00	$ 42.00	$ 45.00	$ 45.00	$ 45.00
Non-Halogenated Volatile Organics	8015A	$ 48.00	$ 50.00	$ 48.00	$ 48.00	$ 50.00	$ 48.00
Semi-Volatile Organics	625 8270C	$ 118.00 $ 118.00	$ 120.00 $ 120.00	$ 118.00 $ 118.00	$ N/A $ 118.00	$ N/A $ 120.00	$ N/A $ 118.00
Phenols	~~604~~ 625 ~~8041~~ 8270	$ 90.00 $ 90.00	$ 92.00 $ 92.00	$ 90.00 $ 90.00	$ N/A $ 90.00	$ N/A $ 92.00	$ N/A $ 90.00
Polynuclear Aromatic Hydrocarbons	~~610~~ 625 ~~8100~~ 8270	$ 90.00 $ 90.00	$ 92.00 $ 92.00	$ 90.00 $ 90.00	$ N/A $ 90.00	$ N/A $ 92.00	$ N/A $ 90.00
Organochlorine Pesticides/PCBs	608 8081A/8082	$ 100.00 $ 124.00	$ 110.00 $ 126.00	$ 100.00 $ 124.00	$ N/A $ 124.00	$ N/A $ 126.00	$ N/A $ 124.00
PCBs only (no pesticides)	8082	$ 49.00	$ 50.00	$ 49.00	$ 49.00	$ 50.00	$ 49.00
Organophosphorus compounds	8141A	$ 120.00	$ 125.00	$ 120.00	$ 120.00	$ 125.00	$ 120.00
Chlorinated Herbicides	8151A	$ 110.00	$ 112.00	$ 110.00	$ 110.00	$ 115.00	$ 110.00

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

24 hour turnaround 100 %
48 hour turnaround 50 %
1 week turnaround 10 %
2 week turnaround 0 %

Cost increase if contract is extended for second 12-month period 1.0 %

NB= NO BID

TESTAMERICA: 480004375/480004376
JUNE 14, 2011

Price Quotation Schedule
*Air Quality Analysis**

Type of Analysis	*Analytical Method*	*Cost Per Sample*		
		Category A Reporting	*Category B Reporting*	*Analyte Reporting*
Volatile Organics	TO1/TO2	$ NO BID	$ NO BID	$ NO BID
	TO14**	$ 100.00	$ 105.00	$ 100.00
	TO15	$ 105.00	$ 108.00	$ 105.00
	TO15 + Naphthalene	$ 105.00	$ 108.00	$ 105.00
	TO15 SIM	$ 275.00	$ 275.00	$ 275.00
	TO17*	$ 150.00	$ 155.00	$ 150.00

* Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, USEPA/625/R-96/010b January 1999.

** TO14, modified for Tedlar Bag instead of Summa Canister, is acceptable. Note that holding time for Tedlar Bag analysis is within 48 hours of time of sampling.

LAB notes:
Prices have been quoted for Method TO-17 under contingency that Accreditation is obtained by NYSDOH. TestAmerica is not currently accredited, but our application has been submitted. TestAmerica is awaiting approval by NYSDOH.

Rev. 04/15/11

TEST AMERICA 48004375/48004376
JUNE 14, 2011

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Former Marion Formal Wear

Site/Spill Number 447040 Contract/WA # D007623-10

NOTE: Standby Contractor must obtain Contract Manager approval prior to award of subcontract.

Check the appropriate box and complete the chart below:

[ ] Standby cost-plus-fixed-fee subconsultant selected on rotational basis.

[ ] Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

[ ] Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

For other unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

[X] Total estimated costs are less than $10,000; three responsive quotes must be obtained (verbal is allowed).

[ ] Total estimated costs range from $10,000 to $20,000; three **written** responsive quotes must be obtained and attached.

[ ] Total estimated costs are over $20,000; five **written** responsive quotes must be obtained and attached.

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

[ ] Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under $10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	*Phone Number*	*Date*	*Price Quote*
Fisher Associates	585-334-1310	2/25/13	1,820
Susan M. Knauer, Professional Land Surveyor	315-724-6800	2/25/13	1,735.50
Richard M. Rybinski, L.S.	315-682-4852	3/05/13	1,420
CT Male Associates	518-786-7400	2/25/13	1,800

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract includes all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.

3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)

4. For subcontracts in excess (or anticipated to be in excess) of $10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at http://www.osc.state.ny.us/agencies/gbull/g221.htm

5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).

6. The subcontract includes the termination clause required in the prime contract.

7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.

8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at http://www.ins.state.ny.us and Best's Rating can be determined at http://www.ambest.com). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.

9. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.

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

Doug McCrawford — 3/5/13
Signature of Contractor's Authorized Representative — Date

O'Brien & Gere Engineers — D007623-10
Contractor Name — Contract/WA No.

Richard M. Rybinski, L.S.
Subcontractor Name

Rev. 09/28/10

Summary of Surveyors Bids
Former Marlou Formal Wear Site

1108 State Street
Schenectady, New York

	Fisher Associates	Susan M. Anacker, Professional Land Surveyor	Richard M. Rybinski, L.S.	CT Male Associates
Total Fee Estimate	$1,820.00	$1,735.50	$1,420.00	$1,800.00

Rebecca Jenness

From: Amy Spooner-Stevens
Sent: Monday, February 25, 2013 4:51 PM
To: Janet Forsell
Subject: FW: RFQ - Former Marlou Formal Wear Site
Attachments: Proposal letter 2-25-13.pdf; Terms&Conditions-Jan-02.pdf

FYI

From: Scott Smith [mailto:SSmith@FisherAssoc.com]
Sent: Monday, February 25, 2013 4:47 PM
To: Mark Eltz; Amy Spooner-Stevens
Subject: RE: RFQ - Former Marlou Formal Wear Site

Amy,

Attached is our proposal for providing surveying support at the Former Marlou Site in Schenectady, NY. I've cut down the costs as much as possible. Unfortunately, in this case, there is as much travel time as there is on-site time.

Hopefully we can help you out with this one.

Please let me know if you have any questions or comments.

Thank you for the opportunity.

Scott

Scott V. Smith, L.S.
Survey Department Manager

FISHER ASSOCIATES
135 Calkins Road
Rochester, NY 14623
(585) 334-1310 ext. 272
(585) 410-1500 cell
(585) 334-1361 fax
ssmith@fisherassoc.com
www.fisherassoc.com

>>> Amy Spooner-Stevens <Amy.Spooner-Stevens@obg.com> 2/22/2013 2:25 PM >>>

Hi Scott,

Attached is the map referenced in the email.

Thanks,

Amy

From: Scott Smith [mailto:SSmith@FisherAssoc.com]
Sent: Friday, February 22, 2013 2:24 PM
To: Mark Eltz; Amy Spooner-Stevens
Subject: Re: RFQ - Former Marlou Formal Wear Site

Amy,

I will prepare the quote for you while Mark is out of the office. Can you send me the attachments?

Thanks.

Scott

Scott V. Smith, L.S.
Survey Department Manager

FISHER ASSOCIATES
135 Calkins Road
Rochester, NY 14623
(585) 334-1310 ext. 272
(585) 410-1500 cell
(585) 334-1361 fax
ssmith@fisherassoc.com
www.fisherassoc.com

>>> Mark Eltz 2/22/2013 2:09 PM >>>
I will be out of the Office on Tuesday, February 19th and will return on Wednesday, February 27th. I will be checking my e-mails periodically and will get back to you upon my return.

>>> Amy Spooner-Stevens <Amy.Spooner-Stevens@obg.com> 02/22/13 14:09 >>>

Good afternoon Mark,

Could you please provide a quote for the Former Marlou Formal Wear NYSDEC Standby Contract project? Attached is a map showing the current and proposed locations at the site. The survey should be completed in one mobilization, and we're expecting a summer 2013 timeframe. The scope is as follows:

* Survey of 2 new monitoring wells and 2 replacement wells (locations to be determined)
    * Northing, Easting
    * Ground surface
    * Top of outer protective casing

* Top of PVC well riser
* 2 new monitoring wells are located in Rite Aid parking lot, near the top center of the attached map.

* Survey of 2 soil vapor probes
* Northing, Easting
* Top of protective curb box (will be flush with ground)
*2 soil vapor probes are located in Rite Aid parking lot

There is a benchmark (USGS Bench Mark 28WSM, 1952 (342' amsl)) located across the street from the Rite Aide, adjacent to the Trustco Bank, which is circled in pink on the attached map. The horizontal datum is NAD83 State Plane Feet, while the vertical datum is NGVD 88. Deliverables include one CAD drawing and one summary table.

For your reference, the Rite Aid is located at 1108 State Street, Schenectady, NY.

This is not a prevailing wage job.

Please provide a quote by COB Monday, February 25th if possible, or Tuesday, February 26th, and please let me know if you have any questions regarding the scope.

Thank you,
Amy

[Description: Description: IMAGE_8]

Amy M. Spooner-Stevens
PROJECT SCIENTIST
[Description: Description: IMAGE_9]
O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 x.28 | f 518-452-9525
Amy.Spooner-Stevens@obg.com<mailto:Amy.Spooner-Stevens@obg.com> www.obg.com<about:blankwww.obg.com>

_____ This email, including any attachment(s) to it, is confidential and intended solely for the use of the individual or entity to which it is addressed. If you have received this email in error, please notify the sender. Note that any views or opinions presented in this email are solely those of the author and do not represent those of O'Brien & Gere. O'Brien & Gere does not accept liability for any damage caused by any virus transmitted by this email. The recipient should check this email and any attachments for the presence of viruses. _____

FISHERASSOCIATES

135 Collins Road
Rochester, NY 14623
Phone: 585-334-1310
Fax: 585-334-1361
www.fisherassoc.com

February 25, 2013

Amy M. Spooner-Stevens
O'Brien & Gere
435 New Karner Road
Albany, NY 12205

Proposal for Survey and Mapping associated with
Former Marlou Formal Wear Site
NYSDEC Site No. 4-47-040, Schenectady, NY

Dear Amy,

Fisher Associates, P.E., L.S., P.C. is pleased to present the following proposal for surveying services associated with the environmental investigation project located at the former Marlou Former Wear Site located at 1108 State Street in Schenectady, New York. This estimate was prepared according to the requirements, specifications and limits outlined by the RFP we received on February 22, 2013. Additionally, the scope of services is as follows:

SCOPE OF SERVICES:

- Accurately survey the horizontal and vertical locations of two (2) new monitoring wells including the top of well casing, top of PVC riser and the ground elevation at the casing.
- Survey the horizontal and vertical locations of two (2) new soil vapor probes including the top of protective curb box.
- Surveyors shall locate sufficient site features such as building corners, etc. to allow a correlation between previous and new mapping.
- Prepare a base map of the monitoring well and soil probe locations.
- Provide electronic files of the base map in AutoCad and PDF format.
- Provide an electronic coordinate list of the surveyed locations.

TECHNICAL ASSUMPTIONS:

- Field surveyors will be made aware of possible hazards within the site, but will not require OSHA 40-hour Hazardous Waste Training.
- Elevations will be referenced to the North American Vertical Datum of 1988 (NAVD88) through ties to a near- by USGS Benchmark 28WSM, 1952 having a published elevation of 342 feet AMSL.
- The horizontal datum shall be reference to the New York State Plane Coordinate System, East Zone, NAD83 through GPS procedures.
- Fisher Associates field personnel will be provided with on-site assistance from O'Brien & Gere for opening monitoring wells that may be locked.
- This project is not subject to prevailing wage rates as published by the NYSDOL.

Proposal for Surveying Services associated with ***February 25, 2013***
Former Marlou Formal Wear Site
NYSDEC Site No. 4-47-040, Schenectady, NY

SCHEDULE:

- Fisher Associates is expected to complete the above surveying services within one week from acceptance of this proposal.

BASIS OF COMPENSATION:

- Lump Sum Fee.....$1,820.00

FORM OF ACCEPTANCE:

Once you have reviewed this proposal, **please accept by signing below and returning one copy to us.** This proposal is valid for a period of 30 days. We appreciate the opportunity to submit our proposal and are looking forward to working with you and seeing this project through to a successful conclusion. In the meantime, if you have any questions or need additional information, please call me at (585) 334-1310 x272.

Sincerely,

FISHER ASSOCIATES, P.E., L.S., P.C.

Scott V. Smith

Scott V. Smith, L.S.
Project Manager

ACCEPTANCE:

This proposal for services and the Statement of Terms and Conditions are hereby accepted and executed by a duly authorized signatory who, by execution hereof, warrants that he/she has full authority to act for, in the name of, and on behalf of and is responsible for payments for O'Brien & Gere.

By: _____ Title: _____

Typed Name: _____ Date: _____

Rebecca Jenness

From: Amy Spooner-Stevens
Sent: Monday, February 25, 2013 4:16 PM
To: Janet Forsell
Subject: FW: RFQ - Former Marlou Formal Wear Site
Attachments: ATT00001.gif; ATT00002.gif; O'Brien & Gere_Schenectady.docx

FYI

From: Susan M. Anacker [mailto:sue@susanmanackerpls.com]
Sent: Monday, February 25, 2013 4:15 PM
To: Amy Spooner-Stevens
Subject: Re: RFQ - Former Marlou Formal Wear Site

Amy,
Please find our proposal for surveying services for the above referenced project.
Thank you for the opportunity to provide you with this quote.
Susan Anacker

On 2/25/2013 9:36 AM, Amy Spooner-Stevens wrote:
Good morning Susan,

Attached is the map I reference in the email below.

I apologize for not being clear regarding "COB" - I define it as "close of business".

Thanks,
Amy

From: Amy Spooner-Stevens
Sent: Friday, February 22, 2013 2:07 PM
To: 'sue@susanmanackerpls.com'
Cc: Janet Forsell
Subject: RFQ - Former Marlou Formal Wear Site

Good afternoon Susan,

Could you please provide a quote for the Former Marlou Formal Wear NYSDEC Standby Contract project? Attached is a map showing the current and proposed locations at the site. The survey should be completed in one mobilization, and we're expecting a summer 2013 timeframe. The scope is as follows:

* Survey of 2 new monitoring wells and 2 replacement wells (locations to be determined)
    * Northing, Easting
    * Ground surface
    * Top of outer protective casing
    * Top of PVC well riser
    * 2 new monitoring wells are located in Rite Aid parking lot, near the top center of the attached map.
* Survey of 2 soil vapor probes
    * Northing, Easting
    * Top of protective curb box (will be flush with ground)

*2 soil vapor probes are located in Rite Aid parking lot

There is a benchmark (USGS Bench Mark 28WSM, 1952 (342' amsl)) located across the street from the Rite Aide, adjacent to the Trustco Bank, which is circled in pink on the attached map. The horizontal datum is NAD83 State Plane Feet, while the vertical datum is NGVD 88. Deliverables include one CAD drawing and one summary table.

For your reference, the Rite Aid is located at 1108 State Street, Schenectady, NY.

This is not a prevailing wage job.

Please provide a quote by COB Monday, February 25th if possible, or Tuesday, February 26th, and please let me know if you have any questions regarding the scope.

Thank you,
Amy

O'BRIEN & GERE

Amy M. Spooner-Stevens
PROJECT SCIENTIST

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 x.28 | *f* 518-452-9525
Amy.Spooner-Stevens@obg.com www.obg.com

--
Susan M. Anacker PLS

11082 Davis Road East
Deerfield, NY 13502
Phone: (315) 724-6800
Fax: (315) 724-6809

sue@susanmanackerpls.com
www.susanmanackerpls.com

Susan M. Anacker, Professional Land Surveyor

Susan M. Anacker
11082 Davis Road East
Deerfield, NY 13502
TELEPHONE FAX
(315) 724-6800 (315) 724-6809
EMAIL
sue@susanmanackerpls.com
www.susanmanackerpls.com
New York State Woman Business Enterprise Certified
Disadvantaged Business Enterprise Certified

February 25, 2013

A 6 hour day in the field is anticipated and a 8 hour day of CAD mapping to complete the surveying services for the former Marylou Formal Wear NYSDEC standby contract project as per email received from Amy Spooner-Stevens on February 22, 2013.

2 Person field crew- 6 hours @ $140.00 per hour	= $840.00
CAD Mapping & summary table - 8 hours @ $70.00 per hour	= $560.00
Travel Time-3 hours @ $75.00 per hour	= $225.00
Mileage-170 miles @ $.65 per mile	= $110.50
Total cost of surveying services	**= $1,735.50**

Rebecca Jenness

From: Richard Rybinski <rmrls@twcny.rr.com>
Sent: Friday, February 22, 2013 4:29 PM
To: Amy Spooner-Stevens
Cc: Janet Forsell
Subject: Re: Quote for Surveying
Attachments: ATT00001.gif; ATT00002.gif; OBG PROPOSAL BRANDYWINE SCHENECTADY 022213.doc

Hi Amy-

Please find enclosed the survey proposal for the Brandywine Ave. site, Schenectady, NY.
On 2/22/2013 9:48 AM, Amy Spooner-Stevens wrote:

> Good morning Dick,
>
> Per our phone conversation, attached is a map of the Former Marlou Formal Wear site. The two new monitoring wells and the two soil vapor probes are located in the Rite Aide parking log, near the top center of the map. The bench mark is located in the parking lot of the Trustco Bank, which is circled in pink, and is at the top center of the map. The benchmark is USGS Bench Mark 38WSM, 1952 (342' amsl).
>
> Please include the following in your quote:
>
> * Survey of 2 new monitoring wells
> * Survey of 2 soil vapor probes
> * Survey of 2 replacement wells at existing locations (we don't know which ones yet).
>
> For your reference, the Rite Aide is located at 1108 State Street, Schenectady NY.
>
> Please let me know if you have any further questions!
>
> Amy

O'BRIEN & GERE

Amy M. Spooner-Stevens
PROJECT SCIENTIST

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 x.28 | *f* 518-452-9525
Amy.Spooner-Stevens@obg.com www.obg.com

RICHARD M. RYBINSKI, L.S.

8236 Indian Hill Road, ~ Manlius, NY 13104
Phone (315)682-4852 ~ Fax (315)682-4852 ~ Email rmrls@twcny.rr.com

March 5, 2013

O'Brien & Gere Engineers, Inc.
435 New Karner Road
Albany, NY 12205

ATTN: Amy M. Spooner-Stevens, Project Scientist

RE: Revised Survey Proposal: Brandywine Ave. site, Schenectady, NY

Dear Amy:

As per your emails dated February 22, 2013 and March 5, 2013, we are pleased to provide this revised proposal for surveying services at the Brandywine Ave. site, Schenectady, NY.

Scope of Services:

1. We will locate two new monitoring wells, two replacement monitoring wells and two soil vapor probes as shown on the Focus Area Plan.
    a. The horizontal datum will be NAD83 and vertical datum will be related to the existing site benchmark in the bank parking lot.
    b. We will measure the elevation at the ground, top of the protective casing or rim, and the top of the inner casing.
    c. OBG will supply keys to the locked wells on site.
    d. We will locate the corners of the building on the site.

2. Deliverables will include an ACAD.dwg file and an Excel well data table.

3. We will provide the above mentioned surveying services for $1420.00 Lump Sum.

Thank you for the opportunity to provide this estimate. If you have any questions, please feel free to contact me at your convenience.

Sincerely,

Richard M. Rybinski, L. S.

Rebecca Jenness

From: Amy Spooner-Stevens
Sent: Friday, February 22, 2013 2:15 PM
To: J.Cook@CTMale.com
Cc: Janet Forsell
Subject: RFQ - Former Marlou Formal Wear Site
Attachments: Marlou Formal Wear Map.pdf; image001.gif; image002.gif

Good afternoon Jim,

Could you please provide a quote for the Former Marlou Formal Wear NYSDEC Standby Contract project? Attached is a map showing the current and proposed locations at the site. The survey should be completed in one mobilization, and we're expecting a summer 2013 timeframe. The scope is as follows:

* Survey of 2 new monitoring wells and 2 replacement wells (locations to be determined)
    * Northing, Easting
    * Ground surface
    * Top of outer protective casing
    * Top of PVC well riser
    * 2 new monitoring wells are located in Rite Aid parking lot, near the top center of the attached map.
* Survey of 2 soil vapor probes
    * Northing, Easting
    * Top of protective curb box (will be flush with ground)
    *2 soil vapor probes are located in Rite Aid parking lot

There is a benchmark (USGS Bench Mark 28WSM, 1952 (342' amsl)) located across the street from the Rite Aide, adjacent to the Trustco Bank, which is circled in pink on the attached map. The horizontal datum is NAD83 State Plane Feet, while the vertical datum is NGVD 88. Deliverables include one CAD drawing and one summary table.

For your reference, the Rite Aid is located at 1108 State Street, Schenectady, NY.

This is not a prevailing wage job.

Please provide a quote by COB Monday, February 25th if possible, or Tuesday, February 26th, and please let me know if you have any questions regarding the scope.

Thank you,
Amy

O'BRIEN & GERE

Amy M. Spooner-Stevens
PROJECT SCIENTIST

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205

FW RFQ Former Marlou Formal Wear Site Schenectady.txt

From: Amy Spooner-Stevens
Sent: Monday, February 25, 2013 1:16 PM
To: Janet Forsell
Subject: FW: RFQ Former Marlou Formal Wear Site Schenectady

FYI

From: Cook, Jim [mailto:j.cook@ctmale.com]
Sent: Monday, February 25, 2013 12:54 PM
To: Amy Spooner-Stevens
Cc: Benamati, Alice
Subject: RFQ Former Marlou Formal Wear Site Schenectady

Amy,

CT Male Associates is pleased to submit the following cost proposal in connection with the location and
mapping of monitoring wells and soil vapor probes located at the former Marlou Formal Wear site in
Schenectady, NY

Items to be located will be 2 new monitoring wells, 2 new replacement wells, 2 soil vapor probes and the
4 corners of the existing Rite Aid building.

Cost would be $ 1800.00.

If you have any questions please feel free to call me.

Thanks.

Jim Cook, PLS
Project Surveyor
Tel 518.786.7605
j.cook@ctmale.com

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture & Landscape Architecture, P.C.
50 Century Hill Drive
Latham, NY 12110
Tel 518.786.7400
Fax 518.786.7299
www.ctmale.com

Subcontract Solicitation Record and Certification for Standby Engineering Contracts

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation

Site/Spill Name Former Marlou Formal Wear

Site/Spill Number 447040 Contract/WA # D007623-10

NOTE: Standby Contractor must obtain Contract Manager approval prior to award of subcontract.

Check the appropriate box and complete the chart below:

[ ] Standby cost-plus-fixed-fee subconsultant selected on rotational basis.

[ ] Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

[ ] Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

For other unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

[ ] Total estimated costs are less than $10,000; three responsive quotes must be obtained (verbal is allowed).

[ ] Total estimated costs range from $10,000 to $20,000; three **written** responsive quotes must be obtained and attached.

[ ] Total estimated costs are over $20,000; five **written** responsive quotes must be obtained and attached.

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

[X] Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under $10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	*Phone Number*	*Date*	*Price Quote*
Data Validation Services, Inc.	386-454-0556	2/26/13	1,942
SGD Environmental Services, Inc.	315-655-2733	2/28/13	1,826

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract includes all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.

3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)

4. For subcontracts in excess (or anticipated to be in excess) of $10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at http://www.osc.state.ny.us/agencies/gbull/g221.htm

5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).

6. The subcontract includes the termination clause required in the prime contract.

7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.

8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at http://www.ins.state.ny.us and Best's Rating can be determined at http://www.ambest.com). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.

9. All insurance policies require notice to the Department thirty (30) days prior to expiration, termination or suspension of such policy, directed to the attention of the Department.

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

Douglas M. Crawford — 3/5/13

Signature of Contractor's Authorized Representative — Date

O'Brien & Gere Engineers, Inc. — D 007623-10

Contractor Name — Contract/WA No.

SGD Environmental Services, Inc.

Subcontractor Name

Rev. 09/28/10

Rebecca Jenness

From: Janet Forsell
Sent: Friday, February 22, 2013 4:07 PM
To: Judy Harry
Subject: RFP - NYSDEC Standby Contract Former Marlou Formal Wear project
Attachments: Sample Analysis & QC Summary_Scope.pdf; image001.gif; image002.gif

Hi Judy,

Could you please provide a fee estimate to validate and prepare a DUSR for the above-referenced project by COB Tuesday, February 26, 2013? The scope of work is in the attached table. TestAmerica-Buffalo will be performing the analyses. I expect the one groundwater sampling event to be conducted in the spring/summer of 2013 and the VI and soil gas sampling will we conducted together in the winter of 2013/2014.

Please let me know if you have any questions.

Thank you,
Janet

O'BRIEN & GERE

Janet M. Forsell
PROJECT ASSOCIATE

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392 ext 23 | *f* 518-452-9525
Janet.Forsell@obg.com www.obg.com

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

February 26, 2013

Janet Forsell
O'Brien & Gere Engineers
435 New Karner Rd.
Albany, NY 12205

RE: NYSDEC Standby Contract Former Marlou Formal Wear Project
Data Usability Summary Report (DUSR)

Dear Ms. Forsell:

Thank you for your request for validation services for the NYSDEC Standby site noted above.

Data Validation Services (DVS) has been performing validation of laboratory data since 1989, and is certified by New York State as a WBE. My experience has included projects originating at the federal, state, and municipal levels, and includes validation according to USEPA (National and Regional), NYSDEC, and NJDEP procedures.

The data packages provided will be reviewed for quality control parameters (including, but not limited to, custody documentation, holding times, surrogate and matrix spike recoveries, LCS recoveries, duplicate correlation, calibration standard/blank performance, instrument performance, blank contamination, matrix interferences, method compliance, etc). This review will be performed from the summary forms available in the data package. In addition, the sample raw data (i.e. chromatograms, calculation algorithms, integrations, mass spectra, etc) will be fully reviewed. Validation qualifiers, and at a minimum, all issues in the NYSDEC DUSR description incorporated as Appendix B of the DER-10 will be discussed in the DUSRs. Please note that any discussion indicating steps to be taken to fill in data gaps must be generated with coordination with your firm. Sample result qualifiers indicated by the review will be applied to laboratory EDD results tables provided by your firm. No other manipulation or review of those EDDs will be performed.

The attached Table 1 summarizes the unit costs and estimated project total of $ 2,032. Actual costs will reflect actual units reviewed.

The following assumptions and exceptions are made:

- Laboratory data packages must be either well-bookmarked and searchable pdfs, or in the event that those are not available, hardcopies. Unbookmarked pdfs will not be accepted for review.

- The laboratory should be specifically requested to provide SDGs generated using the 20 sample limit of the NYS deliverables requirements (i.e. "hold open" SDGs rather than one per custody or day's receipts), where possible.

- The DUSR document utilized will be that of Appendix 2B of the final DER-10, dated May 3, 2010.

- Two DUSRs will be generated for the defined scope, one covering the aqueous and soil samples, and one covering the soil vapor and air samples.

- Please note that there is a minimum cost of $ 300 for any requested stand-alone report. The unit costs on the bid forms will apply to any scope that results in a higher billing total than $ 300.

- This firm does not carry Professional Liability Insurance. Additionally, as a sole proprietor with no employees, Employer's Liability and Workman's Compensation Insurance are neither applicable nor available.

- There is a maximum payment limit of 60 days from receipt of the validation invoice by O'Brien & Gere Engineers.

- Costs reflect review of data packages which involve analyses generated in compliance with the required protocols, and which are complete in the required deliverables. Additional costs may be incurred if the data are not generally compliant or complete. My hourly rate for consultation and out-of-scope services is $ 80.

- Copies of QAPPs/SAPs must also be provided with the initial data packages submitted for each project.

- This firm must be contacted when field work starts on a given project, in order to maintain prompt validation scheduling.

Please review my attached résumé, and contact me if you have questions or comments regarding this proposal.

Very truly yours,

Judy Harry

Judy Harry

Table 1
Sample Analysis and QA/QC Summary
Former Marlou Formal Wear Site
Schenectady, New York

Task	Matrix	Analyses	Method	Number of Samples	Trip Blank[1]	Field Duplicate[2]	MS[3]	MSD[3]	Total Number of Samples	Validated (Y/N)	DUSR Unit Cost	Subtotal
Groundwater Sampling (one round)	**Groundwater**	Volatile Organics	USEPA Method 8260B	14	2	1	1	1	19	Y	$18	$342
Soil Gas	**Soil Gas**	Volatile Organics Normal (BC)	USEPA Method TO-15	2	0	0	0	0	2	Y	$25	$50
Vapor Intrusion	**Indoor Air**	Volatile Organics Low Level (IC)	USEPA Method TO-15	22	2	2	0	0	26	Y	$25	$650
	Subslab Air	Volatile Organics Normal (BC)	USEPA Method TO-15	22	2	2	0	0	26	Y	$25	$650
	Ambient Air	Volatile Organics - Low Level (IC)	USEPA Method TO-15	9[4]	0	1	0	0	10	Y	$25	$250

Notes: [1] - Trip blanks are required in each cooler shipped that contain groundwater samples to be analyzed for VOCs. Trip blanks are to be analyzed at a frequency of 1 per 20 air samples.
[2] - Field duplicates are to be collected and analyzed at a frequency of 1 per 20 groundwater or air samples.
[3] - MS and MSD samples are to be collected and analyzed at a frequency of 1 per 20 groundwater samples.
[4] - Based on 9 days of sample collection.
BC - indicates summa canister is batch certified.
IC - indicates summa canister is individually certified.

Total for DUSR **$1,942**

Data Validation Services
02/26/13

Rebecca Jenness

From: Linda Yates <linda@sgdenvironmental.com>
Sent: Thursday, February 28, 2013 4:51 PM
To: Rebecca Jenness
Subject: Re: Data Validation RFP-NYSDEC Marlou Site
Attachments: image001.jpg; image002.jpg; Sample Analysis QC Summary-RFP.xls

Hi Rebecca,

here is the table filled out with our prices for the analyses listed. If you need a more formal quote for the DUSR, we can prepare one also.
If you have any questions, please contact us,
Linda

From: Rebecca Jenness
Sent: Thursday, February 28, 2013 2:16 PM
To: linda@sgdenvironmental.com
Subject: Data Validation RFP-NYSDEC Marlou Site

Hi Linda,

Could you please provide a quote to validate and prepare a DUSR for the NYSDEC project we discussed? The scope of work is in the attached table, please populate the hi-lited column. We expect the groundwater sampling to be conducted in the spring/summer of 2013 and the VI and soil gas sampling to be conducted in April 2013.

Please let me know if you have any questions.

Thank you,
Rebecca

O'BRIEN & GERE

Rebecca E. Jenness
STAFF ENGINEER

O'BRIEN & GERE
435 New Karner Road
Albany, NY 12205
p 518-452-9392, ext 15 | *f* 518-452-9525
rebecca.jenness@obg.com www.obg.com

Table 1
Sample Analysis and QA/QC Summary
Former Marlou Formal Wear Site
Schenectady, New York

Task	Matrix	Analyses	Method	Number of Samples	Trip Blank[1]	Field Duplicate[2]	MS[3]	MSD[3]	Total Number of Samples	Unit Cost	Total Estimated Cost
Groundwater Sampling (one round)	**Groundwater**	Volatile Organics	USEPA Method 8260B	14	2	1	1	1	19	[redacted]	$418.00
Soil Gas	**Soil Gas**	Volatile Organics Normal (BC)	USEPA Method TO-15	2	0	0	0	0	2	[redacted]	$44.00
Vapor Intrusion	**Indoor Air**	Volatile Organics Low Level (IC)	USEPA Method TO-15	22	2	2	0	0	26	[redacted]	$572.00
	Subslab Air	Volatile Organics Normal (BC)	USEPA Method TO-15	22	2	2	0	0	26	[redacted]	$572.00
	Ambient Air	Volatile Organics - Low Level (IC)	USEPA Method TO-15	9[4]	0	1	0	0	10	[redacted]	$220.00
										Total:	$1,826.00

Notes: [1] - Trip blanks are required in each cooler shipped that contain groundwater samples to be analyzed for VOCs. Trip blanks are to be analyzed at a frequency of 1 per 20 air samples.

[2] - Field duplicates are to be collected and analyzed at a frequency of 1 per 20 groundwater or air samples.

[3] - MS and MSD samples are to be collected and analyzed at a frequency of 1 per 20 groundwater samples.

[4] - Based on 9 days of sample collection.

BC - indicates summa canister is batch certified.

IC - indicates summa canister is individually certified.

MEMORANDUM

TO: Files **cc:**

FROM: Janet M. Forsell

RE: Engineer's Estimate for Drum Transport and Disposal

FILE: 8653/50285

DATE: March 5, 2013

Soil and water investigation-derived waste (IDW) will be generated during implementation of the Phase I Remedial Investigation at the Former Marlou Formal Wear Site located in Schenectady, New York. DOT approved 55-gallon drums will be used to containerize soil and water IDW. O'Brien & Gere Engineers, Inc. estimated cost for transport and disposal of these drums is as follows:

Item	Quantity	Units	Unit Rate	Estimated Total
Labor and equipment to transport drums off-site	1	Mobilization	$415.00	$415.00
Transportation and disposal of non-hazardous soil	1	Drums	$170.00	$170.00
Transportation and disposal of non-hazardous water	3	Drums	$180.00	$540.00
			Estimated Total	**$1,125.00**

- Drilling: It is estimated that a total of two drums of soil IDW will be generated
  - » Two direct push borings to 14 feet for soil vapor points
  - » Four wells (1-inch diameter) installed with direct push to 24 feet
- Well development: It is estimated that 16 gallons of purge water will be generated for a total of 1/3 drum of development purge water IDW
  - » Four new wells, 10 feet of water column in each 1-inch well (0.041 gallons per foot) = 0.4 gallons per well at 10 well volumes (worst case scenario) = 4 gallons per well
- Groundwater sampling: It is estimated that 17 gallons of purge water will be generated for a total of 1/3 drum of purge water IDW
  - » 14 wells to be sampled
  - » 10 feet of water column in each 1-inch well (0.041 gallons per foot) = 0.4 gallons per well at 3 well volumes = 1.2 gallons per well
  - » 14 wells at approximately 1.2 gallons each = 17 gallons of purge water

Decontamination water: It is estimated that 30-40 gallons of decontamination water will be generated during drilling for a total of 1 drum of decontamination water IDW.

This estimate is based on the drums being non-hazardous based on analytical testing. If analytical testing results indicate that the IDW have the characteristics of hazardous waste, additional costs would apply for transportation and disposal to those presented herein.

OP-TECH

6392 Deere Road
Syracuse, NY 13206
P: (315) 463-1643
F: (315) 463-9764
www.op-tech.us

August 1, 2012

Proposal No-S2144

Deborah Y. Wright, CPG
O'BRIEN & GERE
333 West Washington Street | P.O. Box 4873
Syracuse, NY 13221- 4873

Re: Waste Drum Management Services
Ithaca Gun
Ithaca NY

Dear Ms. Wright:

Pursuant to your request, OP-TECH Environmental Services, Inc. (OP-TECH) is pleased to present this proposal to O'BRIEN & GERE (OBG) for services related to the removal transportation and disposal of drums at the above site. The following shall serve to detail the proposed scope, assumptions, exclusions and estimated costs of the project based on the information provided by OBG.

Scope of Services

Mobilization Activities

- Coordinate with OBG and others for site access and logistics.
- Prepare waste shipping documents and submit them to OBG for the owner's signature to facilitate disposal.
- Mobilize personnel as well as sufficient, equipment and materials to perform the scope of work as qualified below.

Task 1: Vacuum Truck Services

- Provide a permitted lift gate truck with operator and a laborer to mobilize to the site and load the drums.
- The drums will be inspected to ensure the physical condition is in compliance with the DOT regulations.
- The drums will be labeled in accordance with the DOT regulations.
- The drums will be transported off-site via a waste manifest for disposal at a permitted receiving facility.

Assumptions/Exclusions

- OP-TECH will have free and ready access to the work site and a staging area for the equipment and materials.
- The customer and OP-TECH agree to the attached General Terms and Conditions.
- The estimated project schedule is 1 Day.

- This proposal is exclusive of New York State sales tax. An 8% tax will be applied to the final invoice should a valid, project-specific tax-exempt certificate not be provided to OP-TECH.
- The proposal does not include the management of hazardous waste.
- This proposal is based on an 8-hour day at non-union, non-prevailing wage rates.
- This proposal is valid for a period of thirty (30) days.

Estimated Costs:

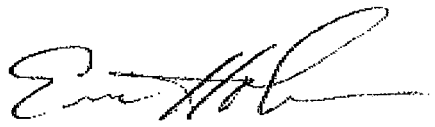
Based on OP-TECH's understanding of the project, the information provided by OBG, OP-TECH shall perform the above scope of work consistent with the cost estimate defined below:

Item #	Task Description	Quantity	Units	Unit Rate	Extended Costs
1	Provide the labor and equipment to transport drums off-site	1	Visit	$415.00	$415.00
2	Transportation and disposal of non-hazardous solids	5	Drums	$155.00	$775.00
3	Transportation and disposal of non-hazardous liquids	3	Drums	$165.00	$495.00
				Estimated Project Costs	**$1,685.00**

**This is a unit rate contract. Actual project costs will be based upon the actual, owner-approved quantities required to perform the work as proposed.

Thank you for calling on OP-TECH Environmental Services, Inc. for your environmental needs. Should have any questions or require additional information, please contact our Syracuse Branch office at (315) 463-1643.

Sincerely,
OP-TECH ENVIRONMENTAL SERVICES, INC.



Eric Hoban
Branch Manager

MEMORANDUM

TO: Files **cc:**

FROM: Janet M. Forsell

RE: Engineer's Estimate for Subsurface Utility Investigation

FILE: 8653/50285

DATE: March 6, 2013

A subsurface utility investigation will be conducted by a qualified firm prior to installing the two overburden monitoring wells and two permanent soil vapor points in the Rite Aid parking lot. O'Brien & Gere Engineers, Inc. estimated cost for this service is as follows and is based on the attached bids obtained for similar work to be performed within New York:

Item	Quantity	Units	Unit Rate	Estimated Total
Labor and equipment to identify, trace, mark, and sketch the location of the subsurface utilities	1	Day	$1,800.00	$1,800.00
			Estimated Total	**$1,800.00**

NYLD
INFRASTRUCTURE
New York Leak Detection, Inc.

November 14, 2012

Scott Tucker
O'BRIEN & GERE
333 W. Washington Street | P.O. Box 4873
Syracuse, NY 13202
p 315.956.6100 | f 315.463.7554
direct 315.956.6345
mobile 315-391-0756
scott.tucker@obg.com

Re: GPR/Utility Location & Mapping Proposal
Whitesboro Dry Cleaners

Dear Mr. Scott Tucker,

New York Leak Detection, Inc. (hereafter referred to as NYLD) is a professional and technical service company that offers **utility location services, survey grade utility mapping, ground penetrating radar, water leak detection, fire flow testing, video pipe inspection, and data logging** under one roof. NYLD provides these specialized services to municipalities, private and industrial businesses, and government facilities throughout the U.S., Puerto Rico and the Virgin Islands. NYLD is active in instructing and exhibiting leak detection and utility location methods for the Rural Water Association, American Water Works Association and private water companies.

NYLD is pleased to submit this proposal for the Whitesboro Dry Cleaners Utility Location project.

Our understanding of the project is the following:
NYLD will locate and trace underground utilities at former dry cleaners in Whitesboro, NY. The property size is approximately 12,000 square feet (.27 acres). Site location is 130 Oriskany Blvd. Whitesboro, NY.

NYLD will provide horizontal and vertical location and name of water, gas, steam, electrical, communication, fuel, heating systems, security and other utilities or subsurface features servicing or within the survey area. Utilities will be marked with paint and flags. NYLD will utilize state of the art equipment including GPR and other location technologies to meet or exceed Subsurface Utility Engineering (SUE) Standard Quality Level B (see Exhibit A for definitions).

Fieldwork will be provided at our standard day rate of $1,375.00, with an *estimated* 1 day for completion.

***Estimate only – actual project time is dependent on the accuracy of the information and maps provided.**

NYLD provides all state-of-the-art electronics including: Ground Penetrating Radar 250 mhz (0'-30' depths), 500 mhz (0'-6' depths), 1000 mhz (0'-2' depths), Profiler EMP-400 (electromagnetic induction sensor), variable wattage magnetometers, video inspection with locatable heads, computerized electronic acoustic leak locators, 350' fiberglass rods with sonde transmitters (15' and 40' depth potential), and all necessary support tools.

Surveying and Mapping Equipment include: Leica 780862 R400 Total Station with Power Search & Automatic Target Aiming, Leica 772300 RH15 Radio Handle with Integrated Radio Modem and Radio Antenna, Leica 781600 CS15 3.5G & Radio Field Controller, and Carlson /AutoCAD 2011 software. Crossover technologies are maximized to ensure the highest degree of accuracy on all location projects.

I invite you to visit our website to learn more about NYLD and the services we provide. Thank you for the opportunity to submit this proposal.

NYLD
INFRASTRUCTURE
New York Leak Detection, Inc.

Respectfully Submitted,

Michael R. Goodfellow
President

The undersigned party has reviewed the above proposal and limitations document and hereby accept the conditions set forth. Upon receipt of signed proposal, NYLD will contact client for scheduling arrangements.

Print Name _____ Date _____

Signature of Authorized Party _____

Phone (315) 469-4601 • Toll Free (800) 928-4350 • Fax (315) 469-2868
www.nyld.com • mgoodfellow@nyld.com

NYLD
INFRASTRUCTURE
New York Leak Detection, Inc.

EXHIBIT A

Subsurface Utility Engineering (SUE) Standards

- Quality Level D (QL-D) — involves utility records research and interviews with knowledgeable utility personnel.
- Quality Level C (QL-C) — involves surface survey, identifying and recording aboveground features of subsurface utilities such as manholes, valves and hydrants.
- **Quality Level B (QL-B) — involves application of "surface geophysical methods" such as electromagnetic-based locating instruments, ground penetrating radar, radar tomography, metal detectors and optical instruments to gather and record approximate horizontal (and, in some cases, vertical) positional data.**
- Quality Level A (QL-A) — involves physical exposure via "soft-digging" (vacuum excavation or hand digging) and provides precise horizontal and vertical positional data.

Phone (315) 469-4601 • Toll Free (800) 928-4350 • Fax (315) 469-2868
www.nyld.com • mgoodfellow@nyld.com

UNDERGROUND SERVICES, INC.
SOFTDIG®
24 Hagerty Boulevard, Suite 11
West Chester, PA. 19382
Phone: (610) 738-8762
Fax: (610) 696-7864
email: softdig@softdig.com

PROFESSIONAL SERVICES AGREEMENT

This Professional Services Agreement is entered into as of this 6th day of November, 2012 by and between Underground Services, Inc., a Pennsylvania corporation, and O'Brien & Gere (hereafter "Client").

The above parties agree as follows:

Client retains Underground Services, Inc. to provide the professional services described below in connection with the following project: Former Dry Cleaners, Whitesboro, NY

Underground Services Inc. Project Number: N/A Title: O'Brien & Gere Engineers

Client Contact: Scott Tucker

Address: 333 W. Washington Street, Syracuse, NY 13202

Telephone Number: 315-956-6100 Fax Number: 315-463-7554 Email: Scott.tucker@obg.com

Anticipated Start Date: Within two weeks of Notice to Proceed

TO SCHEDULE WORK: CONTACT bmacvean@softdig.com 315-432-0360

Description and Scope of Services (the "Services"): Refer to Exhibit B (Scope of Services) and Exhibit C (Definitions)

- ☐ Records, Research and Recon. (Quality Level D & C)
- ☒ Surface Locates (Quality Level C & B)
- ☐ Subsurface Locates (Quality Level A)
- ☐ Surveying / CADD Mapping (Data Management)
- ☒ Other: Mob/demob

Client shall pay Underground Services, Inc. for the Services at the rates set forth in Exhibit A attached hereto and made a part hereof. Any cost estimates stated herein are subject to equitable adjustment in the event of differing site conditions, changes in applicable laws or the scope of the Services, unforeseeable delays or difficulties beyond the reasonable control of Underground Services, Inc., The parties further agree to be bound by the terms and conditions shown on the reverse side hereof which are incorporated by reference.

This agreement is valid for 90 calendar days from date of agreement.

Execution and return of this agreement or issuance of purchase order will serve as our notice to proceed.

Certificate of insurance will be issued upon acceptance of this agreement, if requested.

Underground Services, Inc.	CLIENT:
By: _____	By: _____
Name: Brian MacVean	Name: _____
Title: NYS Manager	Title: _____

Prepared by: _____

PERFORMANCE. Underground Services, Inc. (UGS) will exercise reasonable skill and judgment in providing the Services. No other warranties (express or implied) or representations of performance are given. UGS does not warrant any specific results of any kind.

INVOICE AND PAYMENT TERMS. Invoices will be submitted once a month or upon completion of services with payment due within Fifteen (15) days of the date of the invoice. Withholding retainage is not acceptable unless specifically negotiated with an officer of UGS. A late charge at the rate of one and one-half percent per month, or the highest rate allowed by applicable law, whichever is lowest, will be added to all amounts outstanding after said thirty (30) days. Client shall continue to be responsible for payment of Underground Services, Inc.'s charges along with Client's other obligations hereunder, even if Client requests the invoices to be sent to a third party. Client agrees to pay any and all attorney's fees and court costs should attorneys be utilized or court proceedings initiated to collect any past due amounts arising out of this Agreement.

CLIENT RESPONSIBILITIES. It is recognized that Client has superior knowledge of the job site, the access routes to the location of the job site, surface and sub-surface conditions, utilities etc., and Client is obligated to advise Underground Services, Inc. of all or any of the conditions that may affect Underground Services, Inc.'s performance hereunder. Client agrees to provide Underground Services, Inc. with such specifications, plans, studies, documents or other information on surface and subsurface conditions and utilities as will be reasonably required by Underground Services, Inc. for proper and timely performance of the Services. Client shall procure all entry permits and right-of-ways and hold Underground Services, Inc. harmless for claims or trespass or damage to property required in carrying out the Services, except where Underground Services, Inc. is negligent or has violated Client's specific written instructions.

SAFETY. Field work will be performed only under safe conditions. Charges may be made for safety or security measures required by hazardous job conditions.

SUBPOENAS. Client is responsible for payment of time charges and expenses, resulting from Underground Services, Inc.'s required response to subpoenas issued by any party in connection with Underground Services, Inc.'s provision of the Services hereunder. Charges will be determined in the manner set forth in Exhibit A at the rates in effect at the time the subpoena is served.

INDEMNIFICATION AND LIMITATION OF LIABILITY. Underground Services, Inc. agrees to indemnify and hold Client harmless from and against any and all claims, suits or liability of whatsoever kind or character arising, directly or indirectly, out of Underground Services, Inc.'s negligent provision of Services hereunder where such claims, suits or liability are asserted by any employee, agent, representative, supplier or subcontractor of Underground Services, Inc. employed or engaged in connection with Underground Services, Inc.'s performance hereunder; provided, however, that Underground Services, Inc. shall not be liable under the foregoing indemnity with respect to any loss or damage resulting from Client's negligence or willful misconduct.
Client agrees that with respect to any other third party claims, suits or liability of whatsoever kind or nature asserted against Underground Services, Inc. as a result of or in connection with Underground Services, Inc.'s provision of Services hereunder, Client will indemnify and hold Underground Services, Inc. harmless from and against any and all costs (including reasonable attorneys; fees) and liability which Underground Services, Inc. might incur as a result thereof; provided, however, that Client shall not be liable under the foregoing indemnity with respect to any loss or damage resulting from Underground Services, Inc.'s negligence or willful misconduct. Underground Services, Inc. shall not be liable towards Client for any special, incidental or consequential damages, such as loss of use, loss of profits or revenue, claims of customers of Client, etc., whether based on contract or tort, including negligence or strict liability.

INFORMATION. Underground Services, Inc. may rely upon information supplied by Client, or its contractors or consultants, or information available from generally accepted reputable sources, without independent verification and assumes no responsibility for the accuracy thereof.

DELAYS. Underground Services, Inc. shall have no liability towards Client, or its contractors or consultants, for delays in the performance of the Services, or any part of the Services, caused by actions or occurrences, beyond Underground Services, Inc.'s reasonable control. The time of Underground Services, Inc.'s performance under this Agreement shall be enlarged to reflect such delays.

DOCUMENTS. Client may use any final reports of findings, plans, designs, engineering work, or other work performed or prepared by Underground Services, Inc. under this Agreement only in connection with project and/or location indicted on the front side hereof. Underground Services, Inc. does not warrant that the Services (or any reports or data based thereon) will be sufficient in form or substance to satisfy any required or desired regulatory agency approval. Client shall obtain proper written consent from Underground Services, Inc. for any other use of such reports or work results.

MISCELLANEOUS. The terms and conditions set forth herein constitute the entire understanding of the parties relating to the Services. All previous proposals, offers and other communications relative to the Services, oral or written, are hereby superseded, except to the extent that they have been expressly incorporated herein. Any modifications or revision of any provisions hereof or any additional provisions contained in any purchase order, acknowledgment, or other form of the Client is hereby expressly objected to by Underground Services, Inc. and shall not operate to modify this Agreement. This Agreement shall take effect upon acceptance and execution by Underground Services, Inc..

COMPLETE AGREEMENT. This Agreement, together with Exhibits A, B, C and any supplementary exhibits, drawings, specifications and documents incorporated by reference, constitute the entire contract for professional services between Underground Services, Inc. and Client.

FEES AND RATES. Client is responsible for notifying SoftDig® (in writing), if fees and rates are to be based on Prevailing Wages. If Prevailing Wages are to apply, the fees and rates will be adjusted accordingly and such increases will be borne by the client, even if services are in progress or have been completed.

UGS# N/A

UNDERGROUND SERVICES, INC.
SOFTDIG®
24 Hagerty Boulevard, Suite 11
West Chester, PA 19381
Phone: (610) 738-8762
Fax: (610) 696-7864
email: softdig@softdig.com

SCHEDULE OF FEES
EXHIBIT A

Services will typically be invoiced on a time-and-materials basis or unit price. A lump sum may be submitted for projects with a well-defined scope of work. All fees and rates are based on non-prevailing wages and Personal Protection Equipment Level D unless otherwise noted. Normal work hours are 8am – 4pm (Mon – Fri) unless specifically stated otherwise herein. Services rendered by SoftDig® are for design or investigative purposes.

I. Time-And-Materials Basis

All time shall be portal-to-portal from nearest operating center to project with a minimum time charge of four (4) hours.

☐ A. Data Research and Reconnaissance (Quality Level D & C)
_____ Per Hour

☒ B. Surface Locates (Quality Level C & B) - includes Ground Penetrating Radar
$ 175.00 Per Hour

☐ C. Subsurface Locates (Quality Level A)
_____ Per Hour

☐ D. CADD Mapping (Data Management)
_____ Per Hour

☐ E. Survey
_____ Per Hour

☒ F. Other **Mob/demob $ 100.00 per hour**

II. Unit Cost Basis

☐ A. Data Research and Reconnaissance (Quality Level D & C)
_____ Per Mile of each utility

☐ B. Surface Locates (Quality Level C & B)
_____ Per Lin. Ft. of each utility

☐ C. Subsurface Locates (Quality Level A)
_____ Per Test Hole (12" x 12" x 6.0' deep)
Add: _____ in excess of 6.0' or increment thereof.
Add: _____ for pavement in excess of 8 inches.

UGS #____N/A____

☐ D. Survey and CADD Mapping (Data Management)

1. Surface Locates

Add: _____ Per Lin. Ft. to item II-B

☐ 2. Subsurface Locates

Add: _____ Per Test Hole to item-C II.

☐ E. Other _____

_____

_____

III. Reimbursable Expenses

☐ A. Vehicle Mileage

1. Van: _____ Per Mile
2. Vacuum Truck: _____ Per Mile
3. Tolls: Actual Cost _____

☐ B. Per Diem

1. Meals: _____ Per Person/Day
2. Lodging: _____ Per Person/Night

☐ C. Flag persons/Off-duty police

As may be required by traffic conditions

and permit requirements: _____ per hr / flag person (or police)

☐ D. Maintenance of Traffic

As may be required by traffic conditions & permit requirements:

Equipment not routinely and normally carried (arrow boards,drums,TMA, barricades, etc.) : Actual Cost

☐ E. Permits, Bonds, Special Insurance

As may be required: Actual Cost

☐ F. Other _____

_____

_____

UGS # N/A

IV. Supplemental Terms and Conditions

1. Reference made to an email request received 11/06/12 from S.Tucker with attachments.

2. SoftDig® will
   a. Provide labor and equipment to designate existing utilities both inside and outside the building on this site.
   b. Utilize both standard geo-physical prospecting techniques and equipment and ground penetrating radar.
   c. Not guarantee the ground soil conditions are suitable and conducive to the use of ground penetrating radar
   d. Not provide field survey and mapping of marked utilities
   e. Assume approx. 500lf of pipe length to be marked
   f. Assume a total of 4 structures to be marked
3. Client will
   a. field mark the proposed work areas limits
   b. provide actual field survey and CAD mapping.
   c. provide all required permits as needed within project limits.
   d. provide site access.
   e. provide CAD file and field survey control.
   f. field direct areas of work and work activity.
   g. provide all available utility records and/or site facility contact.

V. Budget Estimate of Fees

Invoice will be based on schedule of fees applied to actual quantity of work performed.

- Time estimates for project completion are based on our best judgment, experience and work involved. Actual site conditions such as pavement thickness, depth of utility, soil conditions, type and material of utility, weather, etc. could adversely affect time estimates.

For budget purposes only, this project is estimated as follows:

Designation/GPR crew	**8.0 hours @ $ 175.00 per hour =**	**$ 1400.00**
Mob/demob	**2.0 hours @ $ 100.00 per hour =**	**$ 200.00**
	Estimated total	**$ 1600.00**

General
Scope of Services
EXHIBIT B

All work in conformance with ASCE Publication CI/ASCE 38-02, Common Ground Alliance (CGA) and American Public Works Assoc. / Utility Location and Coordination Council (APWA/ULCC)

Records Research and Reconnaissance: (Quality Level D & C)

- Meet with owner's Project Engineer to discuss specifics and requirements of the assignment.
- Research and retrieve all available utility records.
- Conduct a site reconnaissance to validate probable utilities.
- Verify existence of survey control and plan operational procedures.
- Research permit and special insurance requirements with appropriate agencies.

Surface Locates: (Quality Level C & B)

- Designate, record and mark the approximate horizontal location (accurate within 12± in.) of existing utilities by geophysical prospecting techniques.
- SoftDig® will use its best professional expertise and geophysical prospecting techniques to designate subsurface utilities. SoftDig® does not guarantee that utilities marked constitute all utilities within the project area.
  - SoftDig® uses electronic equipment and GPR, however, there exists the possibility that due to circumstances beyond the control of the designating technicians, utilities may be non-detectable or the horizontal location mark is not directly over the centerline of the utility. The following factors may limit or exceed the capabilities, accuracy, and reliability of the geophysical equipment: composition of the utility structure (non-metallic), soil characteristics (mineral content, debris, rocks), salinity of ground water, depth of utility, surface covering, embedded structures (re-bar, wire mesh), confined spaces and external interference (power lines, guard rails, traffic, rail lines).
- **Utility depths obtained by instrument readings, including ground penetrating radar, (only if requested by client) are not guaranteed and are not to be used for design or basis for construction. Clients relying on instrument reading of depths do so at their own risk. True depth is only obtained by exposing the utility.**
- Data Management (Survey and CADD Mapping) is not included unless specifically requested and included in Exhibit A – Schedule of Fees.

Subsurface Locates: (Quality Level A)

- SoftDig® will provide routinely and normally carried cones and warning signs for Maintenance of Traffic. Traffic conditions, location of test holes in roadway and permit requirements may require other devices (T.M.A., arrow boards, etc.) and/or flaggers or police detail. Such costs will be invoiced as an expense, as stated in Exhibit A – Schedule of Fees.
- Coordinate with utility company inspectors as required by the resultant agreement and by law.
- Neatly cut and remove existing paving, with the cut area not exceeding 12 in. x 12 in. Excavate using the SoftDig® vacuum excavation system.
- Excavate test holes in such a manner as to prevent any damage to utilities.
- Be responsible for any damage to a utility during excavation.
- Backfill with excavated material and compact in 6 inch lifts.
- Furnish, install and color-code a permanent above-ground marker (e.g. P.K. nail, peg, steel pin, or hub) directly above the centerline of the structure, as well as "down the hole" color-coded plastic ribbon.
- Provide a bituminous patch of pavement within the limits of the original cut at the time of backfill. Pavement restoration is guaranteed for 3 years. If the test hole is excavated in an area other than the roadway pavement, the area disturbed will be restored to the condition prior to excavation. Excluded from this provision would be any disturbance to sub soil and ground water conditions that may result in a "quick condition" or "bubbling" of water to the surface from hydrostatic pressure release resulting from excavation and through no fault of SoftDig®.
- Provide the following test hole information:
  - Elevation of top and/or bottom of utility tied to vertical control provided, to within 0.01 ft. If control is not provided, control will be assumed.
  - Locate the test hole by swing ties to 3 physical objects.
  - Elevation of existing grade over utility at test hole to within 0.01 ft.
  - Outside diameter of pipe or width of duct banks and configuration of non-encased multi-conduit systems.
  - Utility structure material compositions, and condition when possible.
  - Pavement thickness, generalized soil type and unusual conditions.
- Should suspected hazardous material be encountered in the test hole, SoftDig® crews will immediately contact the client representative and our office. We will also comply with DOT Hazardous Material Regulation Procedures.
- Data Management (Survey and CADD Mapping) is not included unless specifically requested and included in Exhibit A – Schedule of Fees.

NOTE: Test holes shall be terminated if subsurface conditions (rock, boulders, ground water, soil cave in, trash/debris, or excessive depth) prevent advancement of excavation to expose the utility or to reach required depth.

Data Management: (Surveying/CADD Mapping) - if requested and included in Exhibit A – Schedule of Fees.

- Survey surface locates and/or subsurface locates to horizontal and/or vertical control provided by client. If control is not provided, control will be assumed.
- Provide MicroStation file showing designated utilities and/or subsurface locates with test hole data tabulation.
- Digital photographs of the project will be provided if requested.

DEFINITIONS
EXHIBIT C

SoftDig® provides "Subsurface Utility Engineering", (SUE), that can reduce unforeseen conflicts between construction and underground utilities. It provides accurate information on the horizontal and vertical location of the underground utility facilities during the early development of projects. Through use of this technology, designers can identify conflict points and design to accommodate and avoid delays and/or re-design during construction. The three main components of subsurface utility engineering [as defined by The Federal Highway Administration] are Designation, Location, and Data Management.

Designation: The process of using a surface geophysical method or methods such as electro-magnetics and GPR to interpret the presence of a subsurface utility. The approximate horizontal location of a designated utility is marked on the ground surface with paint or other marking devices surveyed and CADD mapped. This phase of the process allows broad-scope engineering decisions to be made early in the project.

Location: Designation alone does not provide the high accuracy required for the detailed design of a project. Locating is the process of exposing, surveying and recording the precise vertical and horizontal location of a subsurface utility. Factors such as utility material and condition may influence specific techniques. The typical technique for utility exposures is the use of the minimally intrusive SoftDig® air-entrainment/vacuum excavation technology which significantly reduces the potential for damage to the structure being uncovered. This allows technicians to measure and record the precise vertical depth and horizontal position of a utility line through a hole that may be no larger than 203 x 203 mm (8 x 8 in), preserving both utility and surface integrity. Vacuum excavation may also be utilized for "pilot" holes to excavate below probable zone of underground utilities (6'± depth) for soil test borings, wells, caissons, etc.

Data Management: The key phase is Data Management/Quality Assurance which involves incorporating, correlating and reviewing information on the location and quality level of utilities - integral to the process of designing a project. Depiction of utilities from subsurface utility engineering and survey sources, is usually accomplished via computer-aided design and drafting onto electronic files or onto other appropriate documents. Written reports, test hole summary sheets, photographs and other data may accompany and supplement plan sheets. The earlier the data is used the better. A project's impact on underground utilities may be a critical factor in determining a cost-effective design.

***Quality Levels:**
Work performed at a certain Quality Level is predicated on performing all lower tiered Quality Levels. Example – for true Quality Level A work, Quality Level D through B as well as Quality Level A must be performed.

QL "D" -- Information derived from existing records or oral recollections.

QL "C" – Information obtained by surveying and plotting visible above-ground utility features and by using professional judgment in correlating this information to Quality Level D information.

QL "B" -- Information obtained through the application of appropriate surface geophysical methods to determine the existence and approximate horizontal position of subsurface utilities.

QL "A" -- Precise horizontal and vertical location of utilities obtained by the actual exposure (or verification of previously exposed and surveyed utilities) and subsequent measurement of subsurface utilities, usually at a specific point.

*Source: ASCE Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data, American Society of Civil Engineers, Publication No. CI/ASCE 38-02

Thew Associates
LAND SURVEYORS

November 12, 2012

Mr. Scott Tucker
O'Brien & Gere Engineers, Inc.
333 W. Washington Street
Syracuse, New York 13202

Telephone: 315.956.6100
Facsimile: 315.463.7554
scott.tucker@obg.com

Re: ASCE Quality Level B Subsurface Utility Investigation
Former Dry Cleaners – 130 Oriskany Boulevard
Village of Whitesboro, Oneida County, New York
THEW No. CK998-2159-11-12

Dear Mr. Tucker:

Thank you for the opportunity to submit a proposal for this project. In response to your email dated November 6, 2012, the following items are attached.

- EXHIBIT A - Scope of Services
- EXHIBIT B - Fee Schedule and Total Estimated Cost

Thew Associates PE-LS, PLLC will initiate the Scope of Services described in EXHIBIT A, in accordance with the Fee Schedule listed in EXHIBIT B, upon receipt of a Purchase Order with EXHIBITS to:

Thew Associates PE-LS, PLLC
PO Box 463
6431 US Highway 11
Canton, New York 13617

Thew Associates PE-LS, PLLC has a Master Services Agreement with O'Brien & Gere Engineers, Inc.

We look forward to working with you on this project.

Respectfully,

James S. Thew, PLS
Principal
jthew@thewassociates.com

JST/jst

Attachments

EXHIBIT A

SCOPE OF SERVICES

O'Brien & Gere Engineers, Inc. (OBG) has been retained by the New York State Department of Environmental Conservation (DEC) to perform an environmental investigation at the former dry cleaning facility located at 130 Oriskany Boulevard in the Village of Whitesboro, New York.

The former dry cleaning facility is situated on an approximate 0.27-acre parcel, and is substantially developed with a building and associated asphalt parking areas.

In support of the environmental investigation, OBG requires an ASCE Quality Level B subsurface utility investigation to determine the location of subsurface utilities serving the facility (interior and exterior). The investigation area will encompass the entire property.

Specifically, Thew Associates PE-LS, PLLC (THEW) will perform the following:

A. Subsurface Utility Investigation

1. Contact Dig Safely New York to determine the registered utilities serving the project area. Coordinate with registered utilities to request copies of subsurface utility mapping.
2. Perform document research to obtain copies of available utility mapping, design documents, and as-built mapping to determine the existence of subsurface utilities within the investigation area.
3. Mobilize and demobilize technical personnel with the following equipment:
   a. Radio Detection, Inc. RD-8000 Radio Frequency (RF) device
   b. Sensors and Software, Inc. Noggin Plus 250 MHz Ground Penetrating Radar (GPR) device
   c. Ancillary subsurface utility locating equipment
4. Perform a cursory inspection to become familiar with the project site, specifically noting surficial evidence that indicates the presence of subsurface utilities (e.g. manholes, catch basins, trench drains, clean outs, outfalls, valves, meters, poles, vaults, electrical pull boxes, junction boxes, conduits, well casings, tracer wires, utility markers, markings, and pavement cuts).
5. Trace the location of known subsurface utilities constructed of a conductive material (e.g. electric, communications, water, and natural gas) utilizing RF devices.
6. Each traced utility will be marked in accordance with the Utility Location and Coordination Council (ULCC) color codes with a stake, a pin flag, or paint at _-foot intervals to include angle points and points of intersection.
7. Establish transects within the investigation area(s) for subsequent geophysical investigations utilizing GPR technology. The transect spacing will be determined upon characterizing the site conditions, and will be of sufficient density to identify subsurface utilities.
8. Obtain continuous subsurface profiles along each transect, utilizing a Noggin Plus 250MHz GPR device, to determine the presence of subsurface targets.

   Additional GPR data may be collected to further investigate identified subsurface targets.

   OBG should be aware that the effectiveness of GPR to designate the existence of a subsurface utility is dependent on the soil and ground water conditions. Soils with significant clay content and high moisture content will attenuate (absorb) the GPR signal, which significantly reduces our ability to identify subsurface utilities.
9. Post-process the collected geophysical data to determine the presence of subsurface targets.

Mark the location of suspected subsurface utilities.

10. Obtain photographs of the designated subsurface utilities within the investigation areas.
11. Prepare a sketch showing the approximate location of the designated subsurface utilities with respect to the existing building.

B. DELIVERABLES

1. Provide a sketch showing the approximate locations of designated subsurface utilities.

C. CLIENT REQUIREMENTS

1. Coordinate site access.
2. Provide any existing utility mapping that may be available.
3. Maintain utility markings.

A. Project Schedule

THEW can commence work on this project within five days of receiving authorization to proceed. The subsurface utility sketch will be submitted within two days of completing the investigation.

EXHIBIT B

FEE SCHEDULE

Service	Quantity	Unit Fee	Total Cost
Tasks			
ASCE Quality Level B Subsurface Utility Investigation *Includes labor and equipment to identify, trace, mark, and sketch the location of the subsurface utilities*	1 --	$ 1,320.00 /day $ 206.25 /OT hour	1,320.00 if requested
Technical Personnel			
Survey Technician III *Project preparation and data reduction*	2	$ 75.00 /hour	150.00
Project Manager *Project coordination, data processing, survey computations, and mapping*	4	$ 95.00 /hour	380.00
Principal Surveyor (Licensed) *Project review*	1	$ 150.00 /hour	150.00
Miscellaneous			
Materials and Supplies *Includes hubs, lath, ribbon, etc.*	1	$ 75.00 /day	75.00
		Total Estimated Cost	***$2,075.00***

The Total Estimated Cost is based on the foregoing Scope of Services and Unit Fee Schedule, and is not intended to be a not-to-exceed amount. The estimated quantities and total estimated cost are based on information obtained from O'Brien & Gere Engineers, Inc. and our understanding of the project. The cost for THEW's services is subject to change should the project require additional quantities and/or services.

Overtime rates for office personnel will be calculated by multiplying the hourly rate by 1.35. Services performed on Saturdays and Sundays/Holidays will be invoiced at 1.35 and 1.5 times the unit fees, respectively.

As used in this schedule:

A standard day is defined as time on-site up to an 8-hour period, Monday through Friday, within the hours of 6:00 a.m. and 6:00 p.m.

New York State Department Of Environmental Conservation
Office of Minority and Women's Business Program
625 Broadway, 10th Floor,Albany, New York 12233-5028
Phone: 518.402.9311 Fax: 518.402.9230
Website: www.dec.ny.gov Email: mwbe@gw.dec.state.ny.us

Version 2.1

Consultant / Contractor Detailed M/WBE-EEO Utilization Plan

Contractor Name:	PARSONS ENGINEERING OF NEW YORK				
NYSDEC Contract No:	D007623	Contractor Federal ID:	003376767		
Contract Start Date:	03/01/2011	Contract End Date:	02/28/2018	Date Submitted:	03/06/2013
Contractor Address:	301 PLAINFIELD ROAD, SUITE 350				
City:	SYRACUSE	State:	New York	Zip Code	13212
Contractor E-mail:	david.babcock@parsons.com	Contractor Phone Number:	(315) 451-9560		

Contract Type:	Services / Technologies
Project Goals Based on:	Work Assignments
Project County:	Schenectady
Authorized Representative Name:	DAVID BABCOCK
Authorized Representative Title:	CONTRACT MANAGER

M/WBE Contract Summary	%	Amount	EEO Contract Summary	%	No of Employees
1. NYSDEC Contract Amount	(A)	$1,766,445.00	7. Total Employees in this project	100 %	10
2. Recipient Share (If Applicable)	(B)		8. Total Goal -Minority Employees %	10	1
3. Total Project Amount (A + B) *	100 %	$1,766,445.00	9. Total Goal - Female Employees %	10	1
4. MBE Project Goal %	15.	$264,966.75	10. EEO Combined Totals %	20	2
5. WBE Project Goal %	5.	$88,322.25	* - Goals apply on Total Project Amount		
6. M/WBE Total %	20	$353,289.00			

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

Job Categories	Total Count of Minority Employees	Breakdown of Total Count of Minority Employees by Gender		Breakdown of Total Count of Minority Employees by Ethnicity				
		Male	Female	African American	Asian	Native American	Hispanic	White
Officials/ Managers	1	0	1	0	0	0	0	1
Professionals	4	0	4	0	0	0	0	4
Technicians	0	0	0	0	0	0	0	0
Sales Workers	0	0	0	0	0	0	0	0
Office/ Clerical	2	0	2	1	0	0	0	1
Craftsman	0	0	0	0	0	0	0	0
Laborers	0	0	0	0	0	0	0	0
Service / Workers	0	0	0	0	0	0	0	0
Totals	7	0	7	1	0	0	0	6

Comments: Please don't remove previous comments

As we complete procurement efforts, Parsons will continue to search for M/WBE firms for non-standby work that is part of this Work Assignment. The M/WBE standby driller for our contract chose not to bid on the drilling work that is part of Work Assignment #1.

One additional minority staff person is not available to work on Work Assignment #1 at this time. Parsons will continue to assess availability of minority Parsons employees as the time for initiating this project approaches.

For Work Assignment #2, no subcontracts are planned to be issued based on the small size and specific scope of the Work Assignment. A minority staff person for the types of experience needed for Work Assignment #2 (i.e., geotechnical engineering and management and support staff) is not available at this time.

For Work Assignments #3 and #4, Parsons sent requests for proposals to six M/WBE companies, and from these six M/WBE companies none of the bids were the low bid, and none were below $10,000 so work was not able to be sole-sourced. In addition, the standby M/WBE laboratories do not provide a courier service which is an important element of the laboratory work scope given the site's relatively remote location on the west side of the Adirondack Mountains.

For Work Assignment #5, WBE goal was significantly exceeded.

For Work Assignment #6, MBE goal was met, and WBE shortfall was $7,500 (rounded). Minority employee goal is 1.1 compared to 1 achieved.

For Work Assignment #7, Parsons asked for bids from a WBE driller, but that driller chose not to bid. The laboratory is determined on a rotating basis where one of the five laboratories is a MBE (Work Assignment #6) and one is a WBE (Work Assignment #5). Qualified, MBEs and WBEs have not been identified for the other two subcontracts (waste management and geophysical work) in the region surrounding the site. Qualified minority employees are currently not available to work on this work assignment.

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

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

M/WBE Vendor Name	Federal ID	Vendor Status	Subcontract Amount	Start Date	End Date	Payment Date	Work Description
AZTECH TECHNOLOGIES	161536343	WBE	$6,670.00	05/06/2013	06/28/2013	08/23/2013	Drilling and monitoring well placement
SGD ENVIRONMENTAL	161582908	WBE	$1,826.00	07/01/2013	08/09/2013	09/27/2013	Validation of laboratory results
DATA VALIDATION SERVICES	453050718	WBE	$9,195.00	12/03/2012	01/18/2013	03/08/2013	Validation of laboratory results
FISHER ASSOCIATES	161373998	WBE	$4,900.00	11/01/2012	11/30/2012	02/01/2013	Topographic surveying
CON-TEST	043308124	WBE	$47,332.00	11/05/2012	02/28/2013		Chemical analyses in laboratory
DATA VALIDATION SERVICES	453050718	WBE	$4,928.00	04/15/2013	12/31/2013		Validation of laboratory results
SUSAN M. ANACKER, PLS	161545711	WBE	$1,680.00	04/01/2013	12/31/2013		Topographic surveying
CHEMTECH	132598184	MBE	$28,194.00	04/22/2013	12/31/2013		Chemical analyses in laboratory
	Total Subcontract Amount		$104,725.00				

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

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

Authorized Representative Signature (Print Name) **DAVID BABCOCK**

FOR NYSDEC MWBE UNIT USE ONLY

Approved By:

Approved Date:

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

Standby Engineering Contract Work Assignment Package Checklist

Contracts Executed After 2010 (D007617 - D007626)

Contractor Name: O'Brien & Gere Engineers, Inc. **Date: June 10, 2013**

WA No. and Name: D007623-10 Former Marlou Formal Wear **Reviewer: D. Crawford**

	WORK ASSIGNMENT PACKAGE	Yes	No	Comments
	Includes a cover letter, completed WA Package checklist, Scope of Work (Schedule 1), Budget (Schedule 2.11(a)-(g)), relevant subcontractor documentation, and an M/WBE Utilization Plan.	X		
1	**Cover Letter**			
	Provides explanation for significant differences between the costing tool report and the scope of work and budget submitted.	X		
	For amendments, provides an explanation of changes in scope of work and/or budget by task. Includes total dollar value of amendment being requested.			NA
2	**Schedule 1 (Scope of Work)**			
	Includes breakdown of tasks and subtasks.	X		
	Tasks in the scope of work match the tasks in the Schedule 2.11s.	X		
	Includes schedule for completion of tasks.	X		
	Duration of anticipated work does not exceed 24 months. (Work subsequent to that should be part of a future amendment or new work assignment.)	X		
	For amendments, includes new and previous tasks for a comprehensive scope of work.			NA
3	**Schedule 2.11(b) - Direct Labor Costs**			
	Average reimbursement rates are used for each year. Future years escalate 3%.	X		
	Hours are segregated by year.	X		
	Total cost for each NSPE level is shown.	X		
	Total direct labor cost matches amount on Schedule 2.11(a).	X		
	The Principal's (NSPE IX) labor hours budgeted for WA are less than 2% of the total.	X		
	Direct Administrative Labor Hours - is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	X		
	Total labor hours match hours on Schedule 2.11(g).	X		
4	**Schedules 2.11(c) - Direct Non-Salary Costs, Equipment and Consumables, Miscellaneous**			
	Rates listed in Schedule 2.11(c) are consistent with contract.	X		
	Rates for in-house and/or misc. costs match contract Schedule 2.10(b) or 2.10(c).	X		
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR.	X		
	Quotes are included for any non-contract items (<u>including</u> consultant-owned equipment; equipment purchases and rentals; <u>excluding</u> air fare) greater than $1k. If sufficient number of quotes are unavailable, an engineer's estimate is provided. The low quote has been selected.			NA
	Site-dedicated equipment is identified as such and meets the requirements above.			NA
	Appropriate lodging/per diem/mileage rates are used.	X		
	Direct non-salary items are reasonable based on the scope of work (no. of field days, lodging, and field equipment usage).	X		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	X		

5	**Schedule 2.11(d) - Cost-plus-fixed-fee Subcontracts**	**Yes**	**No**	**Comments**
	Proposed subcontractor is a DER-approved standby subcontractor for the firm. Subcontract is active and rates match the approved standby subcontract.			NA
	Proposed subcontractor is not a DER-approved standby subcontractor for the firm, but appropriate documentation was submitted to determine cost reasonableness.			NA
	• Rates match rates approved for that subcontractor under a different engineering firm.			NA
	• Rates are determined reasonable by other means and ICR is approved by CPS accountant.			NA
	A breakdown of direct labor and direct non-salary costs is provided.			NA
	Use of subcontractor is appropriate and justified			NA
	Subcontract Solicitation Record and Certification form has been submitted.			NA
	Total subcontract costs match amounts on Schedule 2.11(a).			NA
6	**Schedule 2.11(e) - Unit Price Subcontracts**			
	There are quotes for non-standby subcontracts >$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	X		
	Standby Drillers (Two phase process) - Quotes from all standbys are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected. Explanation for declinations has been provided.	X		
	Standby Labs and Data Validators (rotate use) - Unit costs match those in contract(s).	X		Lab Only
	M/WBE - Cost reasonableness of sole/single source M/WBE contracts <$10k are documented by an engineer's estimate or other cost comparison.	X		
	Cost reasonableness of single/sole source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).			NA
	Placeholders are used only for non-standby subcontractors and are justified.			NA
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.			NA
	Correct contract management fee is calculated only on non-professional unit priced subs >$10k and M/WBE firms from $1. (Management fee is not allowed on professional engineering firms, architects, or surveyors unless the contract specifically allows it.)	X		
	Use of subcontractors is appropriate and justified.	X		
	Subcontract Solicitation Record and Certification form(s) have been submitted.	X		
	Total subcontract costs match the amounts on Schedule 2.11(a).	X		
7	**Schedule 2.11(f) - Cost Control Report**			
	Individual 2.11(f)s equal Summary 2.11(f) and costs match those on 2.11(a).	X		
8	**Schedule 2.11(f) - Supplemental - Cost Control Report (subcontractors)**			
	Includes all applicable subcontracts and management fees (for unit price only).	X		
9	**Schedule 2.11(a)**			
	Rates for indirect costs and fixed fee match contract rates.	X		
	All numbers rolled up into Schedule 2.11(a) add up.	X		

rev. 1/10/12