

**COMPETITIVE BID SOLICITATION FOR
COMPLETION OF SITE CHARACTERIZATION PLUS ACTIVITIES**

JACKSON'S CITGO

1112 SLATE HILL ROAD, CAMP HILL, CUMBERLAND COUNTY, PENNSYLVANIA

PADEP FACILITY ID #21-61843 -- PAUSTIF CLAIM # 2001-0301(S)

September 21, 2009

This Request for Bid (RFB) Solicitation is to prepare and submit a **Cost Not-To-Exceed Time and Materials Competitive Bid** to complete a **Site Characterization Plus** for the subject site.

A petroleum release from the on-site Underground Storage Tank System (UST) was confirmed at the subject site and some site characterizations have been conducted. As a result of those actions, groundwater (both perched and within the bedrock) has been found to have been impacted by petroleum Constituents at Concentrations (COCs) at concentrations above the Residential Statewide Health Standard (RSHS). Additionally, soil impacts above the RSHS also have been documented. Site Characterization efforts that have been completed to date have not been sufficient to define the extent of contamination associated with the release and the Pennsylvania Department of Environmental Protection (PaDEP) has not approved a Site Characterization Report (SCR) or a Remedial Action Plan (RAP) for the site. Therefore, additional site investigations and remedial technology evaluations appropriate to this site are being sought in order to fully characterize the release and fully evaluate appropriate technologies capable of remediating the release that will result in obtaining a release of liability. The successful bidder will complete the necessary investigations and submit a Site Characterization Plus Report (SCPR) which shall include sufficiently detailed remedial technology evaluations to permit PaDEP's review and approval those technologies which are determined to be viable.

The Solicitor has an open claim (Claim # 2001-0301(S) with the Pennsylvania Underground Storage Tank Indemnification Fund (PaUSTIF or 'Fund'), and the work outlined in this RFB will be completed under this aforementioned claim. Reimbursement of Solicitor-approved reasonable, necessary and appropriate costs up to claim limits for the work described in this RFB will be provided by PaUSTIF and the Solicitor.

The work to be completed under this RFB will generally include the following components (additional details are provided later within this solicitation):

1. Component I activities including: records reviews, interviews, documentation of release and site history, site reconnaissance, etc;
2. Component II Activities including: installing, surveying, gauging and sampling wells, aquifer testing, vapor intrusion testing, etc; and,

3. Component III preparing a Site Characterization Plus Report (SCPR) and remedial alternative evaluations for Solicitor to review prior to PaDEP submittal.¹

Not-to-exceed costs for individual tasks proposed by the bidder shall be based on the scope of work provided in the RFB. Expenses for individual tasks in excess of the quoted price for the individual tasks shall be the bidder's responsibility. The scope and budget for any identified out of scope activities must be pre-approved to be eligible for payment. Any costs associated with deviations from the scope that did not receive prior approval by PaUSTIF or its representatives will not be reimbursed.

Should your company elect to respond to this RFB Solicitation, one (1) hard copy and one (1) electronic copy on a CD of the signed bid package must be provided to the identified ICFI Representative. **The outside of the envelope must be clearly labeled BID – CLAIM #2001-0301(S). The signed response (both electronic and hard copy) to this RFB must be provided to the ICFI Representative no later than close of business (5:00 PM EDST) on November 23, 2009.**

On behalf of ICFI and PaUSTIF, the Technical Contact will assist the Solicitor in evaluating the bid, but the Solicitor will ultimately choose to negotiate the mutually agreeable contract. The Bid evaluation will consider, among other factors, total bid cost, unit costs, schedule, qualifications and contract terms and conditions (no priority or relative weighting is implied by the order of these factors). The Solicitor anticipates informing the bidder with an approval to proceed within six (6) weeks of the bid response deadline.

A. SOLICITOR AND TECHNICAL CONTACT INFORMATION

<u>Solicitor</u>	<u>ICFI Representative</u>	<u>Technical Contact</u>
Mr. Robert E. Jackson Jackson's Citgo 1112 Slate Hill Road Camp Hill, PA 17011	Ms. Tracy Aubel ICF International 4000 Vine Street Middletown, PA 17057-3565	Mr. Eric J. Slavin, MS, CPGS, RPG President/Senior Consultant Earth Resource Associates, Inc. 544 Hemlock Lane Lebanon, PA 17042-6094 Email: Eric.J.Slavin@gmail.com

NOTE: All questions regarding this RFB Solicitation and the subject site conditions must be directed to the Technical Contact and submitted in writing with the understanding that all questions and answers will be provided to all bidders. Bidders must neither contact nor discuss

¹ For clarity, this RFB does not include the preparation or implementation of a Remedial Action Plan (RAP). However, as a Site Characterization Plus, the bidder is required to thoroughly evaluate viable remedial alternatives deemed capable achieving the selected remedial standard.

this RFB Solicitation with the Solicitor, PaUSTIF, or ICFI unless approved by the Technical Contact. This RFB Solicitation may be discussed with subcontractors/vendors to the extent required for preparing the bid response. **There will be no site visits allowed except as provided in Section F.**

B. SITE LOCATION / BACKGROUND

Site Name/Address

Jackson's Citgo.
1112 Slate Hill Road
Camp Hill, PA 17011

Municipality /County/ Latitude and Longitude

Lower Allen Township
Cumberland County

40° 12' 54.16" north latitude
-76° 56' 53.96" west longitude

Site Use Description:

Jackson Citgo is a currently operating automobile repair facility which had included retail gasoline dispensing until 1998. Underground storage tanks (3 unleaded gasoline and 1 waste oil) along with the associated pumps and lines were removed from the site on October 21, 1999. No replacement USTs were installed. A single story structure that houses the office space and service bays of the operating repair business remains on the site.

Nature of Confirmed Release:

At the time of the tank closures, confirmatory soil samples were collected and analyzed. Three soil samples were collected from beneath each of the unleaded gasoline USTs and 2 soil samples were collected from beneath the former waste oil UST. All of those samples were reported as being below the RSHS for the COCs. Three soil samples were collected from beneath the product delivery lines for each of the USTs and were also reported as being below the RSHS for the COCs. One soil samples was collected from beneath each of the 3 dispenser islands, 1 of which was reported to have concentrations of benzene, toluene, ethylbenzene and naphthalene in excess of the RSHS.

Soil and groundwater sampling completed as part of the site characterization efforts subsequently identified additional soil contamination as well as groundwater contamination at the site.

Site Characterization Actions Conducted To Date:

Site characterization activities were initiated in October of 2002. The site characterization consisted of the installation and sampling of soil borings and monitoring wells.

In October of 2002, 13 GeoProbe soil borings were advanced at the site and 19 soil samples were collected and analyzed for unleaded gasoline parameters. Five 1-inch diameter monitoring wells also were installed using the GeoProbe, and then sampled on December 9, 2002.

In January of 2003, 3 additional 1-inch diameter monitoring wells were installed by GeoProbe, but no additional soil samples were collected at time.

All 8 wells were sampled on February 27, 2003 and then quarterly thereafter through July 31, 2006.

In March of 2004, a Preliminary Site Characterization Report was submitted to PaDEP. An SCR and RAP have not been completed.

In July of 2004, four 4-inch diameter bedrock wells were installed at the site. Those wells were sampled on September 1, 2004, and then quarterly thereafter through July 31, 2006.

The last completed quarterly monitoring report was submitted to PaDEP in September of 2006.

In June of 2009, as part of the preparation of this RFB, Earth Resource Associates, Inc. (ERA) completed a round of groundwater sampling from the on-site wells. At that time, well MW-5 could not be located, MW-7 did not have sufficient yield to permit sampling and MW-6 had minimal yield which ultimately permitted the collection of a sample, but the integrity of that sample is considered to be questionable by ERA. Additionally, ERA noted discrepancies in the observed construction of BW-1 and the log of that well, as well as inconsistencies in the site mapping included in the Preliminary Site Characterization report and Quarterly monitoring report. To resolve the problems with the site mapping, a professional survey of the site and well locations was completed.

Copies of the tank closure report, the Preliminary Site Characterization Report, the last quarterly monitoring report, the laboratory reports of the June 18, 2009 sampling event, summary tables of the groundwater sampling events, overburden and bedrock static water level contours from the June 18, 2009 sampling event and the 2009 site mapping are included as attachments hereto.

Constituents of Concern:

The COCs for the subject site are PaDEP unleaded gasoline constituents benzene, toluene, ethylbenzene, xylenes, isopropylbenzene, MTBE, and naphthalene. TMBs are not included as COCs for this site.

C. OBJECTIVES AND SCOPE OF WORK

This RFB seeks competitive bids from qualified consultants to complete the assessment of the confirmed petroleum release by timely completion of a Site Characterization Plus to fully define the environmental concerns in accordance with PaDEP requirements. The Site Characterization Plus is to be sufficiently comprehensive and is to include a thorough evaluation of appropriate remedial technologies capable of being implemented and achieving a Release of Liability (ROL) to a remedial standard to be determined by the Solicitor for the impacted soil and groundwater. **As this solicitation is for an Site Characterization Plus rather than a standard Site Characterization, it is imperative that the evaluation of remedial technologies be sufficiently detailed to permit the PaDEP to review and approve those technologies determined to be viable, so that when the remediation of the site is competitively bid, bidders will have the opportunity to select from multiple PaDEP approved viable alternative technologies.** As a result, bidders are advised that some limited scale pilot testing may be necessary to evaluate and to assess the viability of remedial technologies. With these goals in mind, bidder's proposals shall, at a minimum, include the following work elements:

Work Task 1.0 Project Planning/Management:

Task 1.1 Records Review/Documentation - The successful bidder shall review and document the site history and details of the release via document inspection, interviews and related activities including:

- Reviewing Federal, State and local environmental and other databases for the subject property and adjacent properties, as well as searching for any environmental liens filed against the property;
- Reviewing the prior tank closure report, preliminary Site Characterization Report and sampling reports completed for the subject property, copies of which are included in Attachment 1 of this RFB;
- Identifying potential concerns with impacts to public and private water supplies, buildings or structures, stormwater and sanitary sewers and other underground utilities;²
- Identifying potential off-site sources, if any, which may have contributed to the identified contamination.
- Identifying drinking water wells on or within a 1/2 mile radius of the subject site;
- Documenting of properties within a 1/2 mile radius of the subject site being connected to public water supplies; and,
- Reviewing the suspected location and volume of the release and affected media (soil, groundwater, surface water and/or vapor).

² Scope of work includes the notification requirements specified in 25 PA Code §245.305

The successful bidder shall document the property historical records review and interviews by preparing a written detailed summary of research findings including site and vicinity general setting, current land use and planned land use on the property, descriptions of existing and proposed structures, utilities, groundwater wells, availability and connections to public water supplies, other improvements on the site and current and past uses of adjoining properties. A written summary of findings shall be prepared and submitted to the Technical Contact and the Solicitor and shall include a detailed discussion of historical underground storage tanks (USTs), any above ground storage tanks (ASTs), pump islands, canopies and underground product conveyance piping systems including diagrams and any other fuel handling, storage or distribution facilities and any potential off-site sources which may have contributed to the contamination. Documentation of this initial work phase shall include maps, sketches, photos, interview sheets, or other relevant documentation supporting the text.

Task 1.2 Preparation of Project Guidance Documents - Documents to be prepared include a Site Specific Health And Safety Plan, a Field Sampling And Analysis Plan, a Quality Assurance/Quality Control Plan, a Pennsylvania One Call Notification Plan, a PennDOT Access/Notification Plan and/or other plans that may be required by regulations or that may be necessary and appropriate.³ Where applicable, the pertinent project guidance documents should be prepared in accordance with 25 PA CODE § 245.

Task 1.3 Project Management – The successful bidder shall complete necessary, reasonable and appropriate project management activities for the duration of the contract period consistent with release investigation projects. Such activities would be expected to include client communications/updates and meetings, permitting, record keeping, subcontracting, personnel and subcontractor management, quality assurance/quality control, scheduling and other activities.

Work Task 2.0 – Work Plan Implementation Activities:

Task 2.1 Licensed Professional Survey of Site/Base Map Preparation – A professionally surveyed site base map has been prepared and a copy is included in Attachment I. The successful bidder will be provided with an AutoCAD copy of the map for their use. The successful bidder shall have a Pennsylvania-licensed surveyor update the base map, as necessary, to included all site features (i.e. - ASTs, groundwater monitoring wells and soil boring locations, supply wells, overhead and underground utilities, topography, uses of adjacent properties, rights-of-way, etc.). A professionally sealed reproducible base map shall be included in the SCPR.

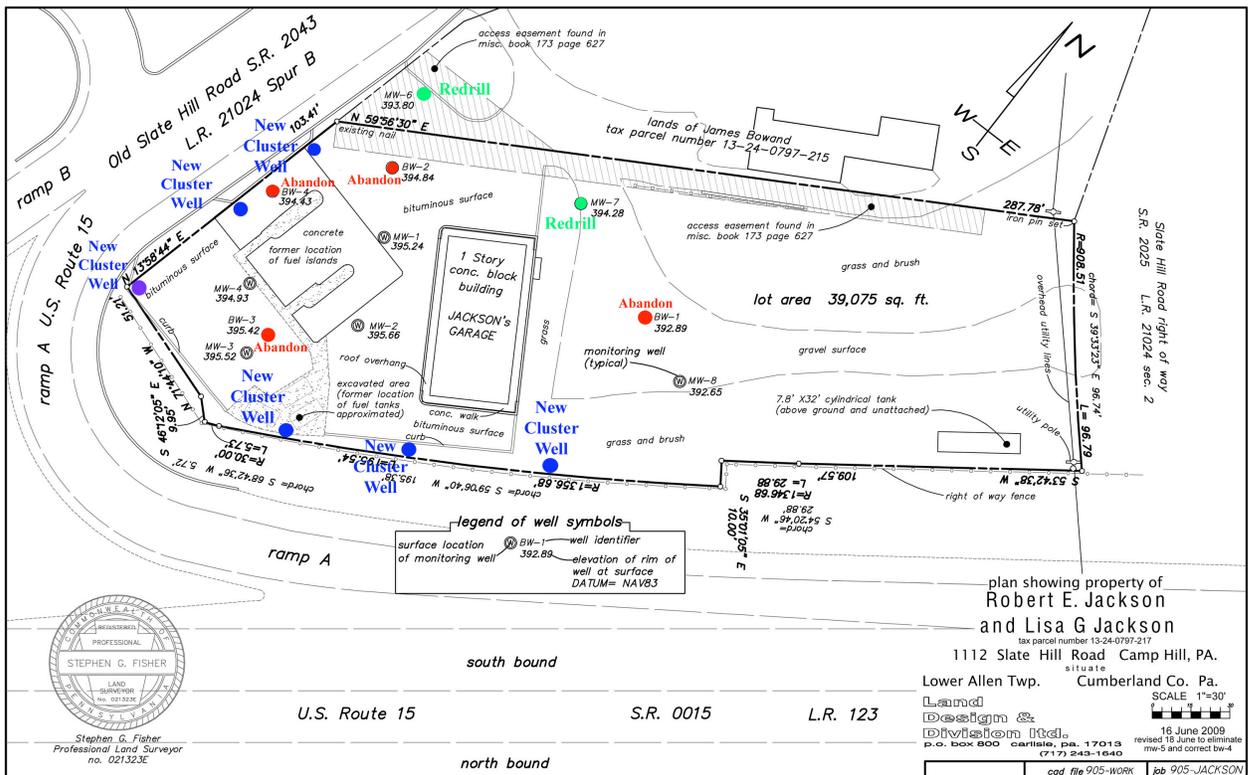
³ In accordance with 25 PA Code 245.309. Successful bidder shall be responsible for contacting Pennsylvania One Call prior to any invasive field work. In addition, successful bidder shall be responsible for obtaining all necessary permits for monitoring wells drilled in PennDOT or municipal rights-of-ways or cartways.

Task 2.2 Abandonment of Existing Wells – Existing monitoring wells BW-1, BW-2, BW-3 and BW-4 are screened across the soil/bedrock interface, providing a pathway for cross contamination of the aquifers and must be sealed. The successful bidder shall properly abandon these 4 wells, consistent with the guidelines established within Chapter 7 – Well Abandonment Procedures of PaDEP's December 2001 Groundwater Monitoring Guidance Manual, a copy of which is included in Attachment 1.

Task 2.3 Soil Borings and Monitoring Wells – The successful bidder shall install a sufficient number of additional soil borings and groundwater monitoring wells at appropriate locations, both on and off the subject property, to fully define the extent of contamination. At a minimum, 6 new on-site cluster wells shall be drilled at the locations identified on the following drawing, along with 2 new off-site cluster wells, to be located on the west side of Slate Hill Road. Soil samples shall be taken as the wells are drilled.

Additionally, existing monitoring wells MW-6 and MW-7 are to be redrilled and completed as minimum 2-inch diameter wells.

LOCATIONS OF NEW ON-SITE WELLS TO BE INSTALLED, WELLS TO BE ABANDONED AND WELLS TO BE REDRILLED



All wells and soil borings shall be completed consistent with the guidelines established within PaDEP's December 2001 Groundwater Monitoring Guidance Manual, a copy of which is included in Attachment 1. Bidders shall identify construction details of all proposed wells and borings.

Subsequent to installing the soil borings and wells all wells and borings shall be surveyed by a professional surveyor to identify locations on the scaled base site plan and to determine top of casing elevations (elevation above mean sea level).

Task 2.4 Groundwater Sampling - The successful bidder shall complete regular quarterly groundwater monitoring of all on-site and off-site monitoring wells, including the former supply well for the adjacent James Bowand property, until such time as continued sampling is ordered terminated by PaDEP or the solicitor⁴.

Prior to the collection of any groundwater samples, the successful bidder shall collect and record static water levels measurements for all on-site and off-site wells.

Following the collection of static water levels from all wells, the successful bidder shall purge and sample the wells for the COCs (i.e. - benzene, toluene, ethylbenzene, xylenes, isopropylbenzene, MTBE and naphthalene).

During each sampling event, 1 trip blank (provided by laboratory) and 1 field blank QA/QC groundwater sample shall be collected and analyzed for the COCs.

Low-flow groundwater purging/sampling techniques shall be used to purge and collect groundwater samples from the monitoring wells unless this method is not viable for documented technical reasons.

All samples shall be placed in new laboratory pre-cleaned 40 milliliter (ml) glass VOC vials, acid preserved with hydrochloric acid and packed on ice and transported to an independent NELAC or PA Act 252 certified testing laboratory for analysis of the COCs via EPA Method 8260B.

Full chain-of-custody records shall be completed and maintained for each sampling event.

If separate-phase liquids are encountered during the groundwater sampling, a sample of the separate-phase liquid shall be collected and properly containerized / stored and the Technical Contact shall be notified. USTIF may request (under a separate work scope) that the separate-phase liquid sample be analyzed for forensic properties.

⁴ For bidding purposes, bidders should assume 8 quarters of quarterly monitoring.

Task 2.5 Quarterly Sampling Reporting - Upon completion of each quarterly sampling event, the successful bidder shall review and analyze the results of the static water level measurements and the reports of the laboratory testings and shall compile and submit a Quarterly Sampling Report (QSR). Each QSR shall include copies of the static water level elevations collected from each well, a contour map of the static water levels, copies of the laboratory reports of the sample analyses, a summary table of analytic results, including all prior sampling results, isocon mapping of COCs found above the RSHS and copies of the purging records and field notes of each sampling event. One copy of each QSR shall be provided to PaDEP, 1 copy of each QSR shall be provided to the Solicitor and 1 additional copy of each QSR shall be provided to the ICFI Representative. QSRs are to be submitted to the parties identified above within 30-days of the successful bidder's receipt of the laboratory results of the sampling event.

Task 2.6 Aquifer Testing – Slug tests shall be complete within multiple wells to identify the horizontal and vertical spatial variability in the aquifer characteristics⁵. Both rising and falling head tests shall be completed at each tested well. The evaluation of the rising and falling head test data shall be performed according to the Bouwer and Rice method for completely or partially penetrating wells in unconfined or semi-confined aquifers. Should the test data suggest confined aquifer conditions, then another method of data reduction shall be used such as the curve matching techniques developed by Cooper.

Task 2.7 Fate and Transport Modeling - Fate and Transport Modeling shall be completed using the Quick Domenico two-dimensional analytical model to predict fate and transport of COCs exceeding the RSHS in groundwater beneath the subject site. Bidders may propose the use of additional fate and transport models to be used along with the Quick Domenico model, if appropriate.

Task 2.8 Vapor Intrusion Into Buildings – The successful bidder shall complete vapor intrusion investigations consistent with the Land Recycling Technical Guidance Manual – Section IV.A.4 Vapor Intrusion Into Buildings from Groundwater and Soil under the Act 2 Statewide Health Standard, Document 253-0330-100, dated January 24, 2004.

Work Task 3.0 – Waste Management and Disposal:

The successful bidder shall manage purge water from the on-site monitoring wells consistent with the guidelines set forth by PaDEP's Groundwater Monitoring Guidance Manual PaDEP Document # 383-3000-001. For cost estimation purposes, bidders shall assume that low flow

⁵ Slug test work shall be completed as per accepted industry standards and in accordance with the American Society for Testing and Materials (ASTM) standards as defined in ASTM D4104-96 (2004), ASTM D5785-95 (2000), ASTM D5881-95 (2000) and ASTM D5912-96 (2004).

purge water shall be treated on-site through granular activated carbon for surface discharge, provided PaDEP approval is secured by successful bidder.

The successful bidder shall manage soil, drill cuttings and development water from the soil boring and well installations. For cost estimation purposes, bidders shall assume that they are responsible for segregating and containerizing soil and well cuttings and purge water in DOT-approved 55-gallon drums, and transporting the drums to an on-site staging location designated by the Solicitor. Bidder is also responsible for sampling and analyzing the cuttings and purge water and to characterize them and determine appropriate means of disposal (e.g., clean fill, landfill, etc.). Disposal of the soil and well cuttings and purge water is not included in this bid.

Work Task 4.0 – Site Characterization Plus Report:

Reporting of the results of the site characterization shall be in the form of a Site Characterization Plus Report (SCPR) which shall include sufficiently detailed remedial technology evaluations to permit PaDEP's review and approval of those technologies which are determined to be viable to remediate the identified contamination at the subject site. The format and content of the report shall be generally consistent with 25 PA Code §245 309, except that a substantially more rigorous evaluation of the remedial alternatives shall be included. The SCPR shall be sealed by a Professional Geologist registered in the Commonwealth of Pennsylvania. A draft of the SCPR shall be submitted electronically (in Adobe PDF format) to the Technical Contact and a hard copy shall be submitted to both the Solicitor and Technical Contact for review/comment prior to finalizing the SCPR. Once the successful bidder has addressed comments on the draft, the successful bidder shall finalize and issue the SCPR to PaDEP. All AutoCAD maps/plans included in the report (e.g., site plan/base map, groundwater elevation maps, dissolved plume maps, soil contaminant distribution maps, etc.) shall also be submitted electronically on CD to the Technical Contact.⁶

The scope of work as described above shall be conducted in accordance with industry standards/practices, and consistent with the PaDEP requirements and guidelines (e.g. the current PaDEP Groundwater Monitoring Guidance Manual Document No 383-3000-0011)⁷

Each bidder should carefully review the existing site information provided in Attachment 1 to this RFB and seek out other appropriate sources of information to develop a cost estimate and schedule leading up to and including preparing the SCPR. Bids that demonstrate a command of existing site information and offer a comprehensive/complete vision for the necessary characterization of the site to fully define the environmental concerns associated with the release in accordance with PaDEP requirements and fully evaluate appropriate

⁶ Figures and AutoCAD drawings are to be prepared on no larger than Ledger Sized (11" x 17") paper.

⁷ In the event that site conditions preclude adherence to industry standards/practices, and consistent with the PaDEP requirements and guidelines bidders shall proposal alternate techniques which must be preapproved by the Technical Contact and PaDEP prior to implementation.

remedial technologies capable of being implemented to attain an ROL under the RSHS for the impacted soil and groundwater will be regarded as responsive to this solicitation.⁸

D. QUALIFICATION QUESTIONS

In order for proposals to be considered administratively complete, bidder's proposals must provide answers to the five (5) qualifications and experience questions provided below:

- Does your company employ the Pennsylvania licensed Professional Geologist (P.G.) that is designated as the proposed project manager? How many years of experience does this person have?
- How many Chapter 245 projects are your company currently consultant on record for in the Northeast region of Pennsylvania? Please List.
- How many Chapter 245 projects have your company and/or the proposed Pennsylvania licensed P.G. worked on in the Northeast region of Pennsylvania during the last five (5) years?
- How many Chapter 245 projects have your company and/or the Pennsylvania licensed P.G. closed (i.e., obtained relief from liability from the PADEP) using either the Statewide Health Standards or Site Specific Standards? Please list.
- Has your company ever walked away from a USTIF Fixed Price Contract or Pay For Performance contract without attaining all of the Milestones? If so, please explain why the contract was not fulfilled?

E. TYPE OF CONTRACT/BID INSTRUCTIONS

The Solicitor wishes to execute a mutually agreeable **cost not-to-exceed time-and-materials contract** (sample attached hereto) based on unit prices for labor, equipment, materials, subcontractors/vendors and other direct costs. The total cost quoted by the successful bidder will be the maximum amount to be paid by the Solicitor unless a change in scope is authorized and determined to be reasonable, necessary and appropriate.

The bidding firm must include the following in their proposal:

- A demonstration of the bidder's understanding of the objectives of the project, the bidder's approach to achieving those objectives efficiently, and existing site information provided in this RFB; and

⁸ If bidders believe additional work steps beyond work scope items identified herein are necessary to complete the SCPR, these items should be identified in the bidder's proposal. Reasonable, necessary and appropriate work that is performed outside of this scope of work due to unforeseen conditions shall be reimbursed according to the unit rate schedule.

- A detailed **cost not-to-exceed** quotation for completion of the scope of work;
- A detailed schedule of activities for completing the proposed scope of work inclusive of reasonable assumptions regarding the timing and duration of client and/or regulatory agency reviews (if any) need to complete the scope of work of work to complete the scope of work defined by this RFB;
- Indication of whether the bidder accepts or seeks changes in the proposed contract/terms and conditions;
- A copy of the bidder's proposed contract/terms and conditions;
- The bidder's levels of insurance;⁹
- The bidder's proposed unit cost rates for each expected labor category, subcontractors, other direct costs and equipment;
- The bidder's proposed markup on other direct costs and subcontractors (if any);
- Identification and detailed description of subcontractor use and involvement;
- Identification of any exceptions, assumptions or special conditions applicable to the scope of work;
- Costs by task and not-to-exceed costs must be defined within the proposal text and on the cost spreadsheet included in Attachment 1 and the bidder's cost by task consistent with the proposed scope of work identifying all level-of-effort and costing assumptions;
- A statement of qualifications including that of any major subcontractor(s);
- Description of the bidders approach to working with PaDEP from project inception through PaDEP approval of the SCPR. Description of how PaDEP would be involved proactively in the resolution of any technical issues and how the PaDEP case team will be kept informed of activities at the Site;
- Description of how the Solicitor and ICFI/USTIF will be kept informed as to project progress and developments and how Solicitor (or designee) will be informed of and participate in evaluating technical issues that may arise during this project;

⁹ The successful bidder agrees and shall submit evidence to Solicitor and Technical Contact before beginning work that bidder has procured and will maintain Workers Compensation: commercial general liability insurance in the amount of \$1,000,000; contractor pollution liability insurance in the amount of \$1,000,000; automobile liability insurance in the amount of \$1,000,000; and professional liability insurance in the amount of \$1,00,000 for the work to be performed.

- Answers to the qualification questions discussed in the RFB;
- Identification and resumes of the members of the proposed project team for key project staff, including the proposed Professional Geologist of Record who will be responsible for overseeing the work and applying a Pennsylvania Professional Geologist's Seal to the project deliverables.

The bidder shall provide its bid pricing using the format identified in this RFB and will provide brief descriptions of each task in the body of the bid document. Also, the bidder must complete the detailed cost sheet (in Microsoft Excel Format) included within Attachment 1 of this RFB.

The scope of work, as described within this RFB, shall be conducted in accordance with industry standards and practices, and consistent with PaDEP requirements and guidelines. The successful bidder's work to complete all work tasks associated with this RFB will be subject to ongoing review by the PaUSTIF or its representatives to assess whether the work actually completed and the associated incurred costs are reasonable, necessary and appropriate

In order to facilitate PaUSTIF's review and reimbursement of invoices submitted under this claim, the Solicitor requires that project costs be invoiced by the tasks identified in the bid. The standard practice of tracking total cumulative costs by bid task will also be required to facilitate invoice review.

The bid responses must clearly and unambiguously accept the provided contract or must clearly cross reference any requested changes.

Each bid package received will be assumed to be good for a period of up to 120 days after receipt unless otherwise noted. Please note that ICFI, PaUSTIF and Earth Resource Associates will treat the bids as confidential, but that limited general information may be released to the Solicitor and/or Earth Resource Associates after the bid selection process is completed. In addition, for your reference, a copy of the PaUSTIF Competitive Bidding Fact Sheet is provided within Attachment 1. The aforementioned guidance document provides you with additional information relative to the bidding process.

F. MANDATORY SITE VISIT

On October 13, 2009, the Technical Contact (or his designee) will be available at the site at 10:00 AM to answer questions and conduct a site tour for a limited number of participants per firm. Prospective bidders must inform the Technical Contact, in writing, at least five (5) business days in advance of the aforementioned meeting date as to whether your firm will be in attendance, do not contact the Solicitor. **Any firm that does not attend the October 13, 2009 mandatory site visit will not be eligible to submit a bid response.**

ATTACHMENT 1

Project Documents

1. Preliminary SCR (March 10, 2004)
2. Quarterly Monitoring Report (September 2006)
3. Logs of Bedrock Wells BW-1, BW-2, BW-3 and BW-4
4. June 18, 2009 Groundwater Sampling Analytic Results
5. June 18, 2009 Bedrock SWL Contour Mapping
6. June 18, 2009 Overburden SWL Contour Mapping
7. Summary Tables of Groundwater Sampling
8. 2009 Surveyed Site Map
9. UST Closure Report
10. PaDEP Groundwater Monitoring Guidance Manual, Document # 383-3000-001(December 1, 2001)
11. Standardized Bid Format (Microsoft Excel)
12. PaUSTIF Competitive Bidding Fact Sheet
13. Sample Remediation Agreement (contract)