

COMPETITIVE FIXED PRICE-TO-CLOSURE BID SOLICITATION

SITE CLOSURE DEMONSTRATING ATTAINMENT OF THE STATEWIDE HEALTH STANDARDS (Residential, Used-Aquifer)

SHEETZ STORE #10
1330 MOORE STREET (14TH & MOORE STREETS)
HUNTINGDON, HUNTINGDON COUNTY, PA 16652

PADEP FACILITY ID #31-29418

USTIF CLAIM #2002-0295(M)

April 13, 2012

This Request for Bid (RFB) has been issued by the Pennsylvania Underground Storage Tank Indemnification Fund (USTIF or "Fund") on behalf of the Claimant, Sheetz, Inc., referred to hereafter as the Solicitor. This RFB seeks competitive bids from qualified consultants to perform fixed-price activities in accordance with the performance milestones referenced herein. The goal of these activities is to close the site under The Pennsylvania Land Recycling and Environmental Remediation Standards Act of 1995 (Act 2) and to obtain an associated relief from liability release from the Pennsylvania Department of Environmental Protection (PADEP) without the use of activity and use limitations, engineering controls, or institutional controls. The Solicitor, who operates on (but does not own) the subject property, has elected to demonstrate attainment of the Statewide Health Standard Medium-Specific Concentrations (SHS-MSCs) for a used aquifer in a residential setting for all constituents of concern (COCs) in soil, soil gas, and groundwater.¹ The facility, known as Sheetz Store #10, is located at 1330 Moore Street in Huntingdon, Huntingdon County, PA.

The milestone-oriented scope of work (SOW) described in this RFB is intended to secure a single site-wide Relief of Liability (ROL) for both an older unleaded gasoline release (Claim #2002-0295[M]) and a more recent kerosene release (Claim #2009-0130[M]), which were discovered in 2002 and 2009, respectively. This one site-wide ROL strategy was recently adopted by the Solicitor in consultation with the PADEP case manager and USTIF, and differs from the prior strategy reflected in the site documents, which would have resulted in seeking separate ROLs specific to each release. For example, until recently, samples from the monitoring wells believed to be impacted by the unleaded gasoline release alone were analyzed only for the pre-March 2008 short list of unleaded gasoline parameters, while samples from the monitoring wells believed to be impacted by the kerosene release alone were analyzed for the post-March 2008 short list of kerosene parameters. The change to seeking a single site-wide ROL required and will continue to require sampling all site monitoring wells for **both the post-March 2008 short lists of unleaded gasoline and kerosene parameters**. This analytical program change was initiated by the current consultant of record as of the fourth quarter 2011 groundwater sampling event, and the resulting data are included with this RFB. This effort

¹ The Solicitor has elected to preclude attempting site closure by demonstrating attainment of the Site Specific Standard because it cannot accept the compensation terms demanded by the property owner.

included retrieving and reporting 1,2,4- and 1,3,5-trimethylbenzene concentrations detected in soil and groundwater samples collected at this site since early 2010.

Bidders should also note that the SOW does NOT include a stand-alone task to collect additional soil samples or soil gas samples with the specific purpose of analyzing them for the post-March 2008 short list of unleaded gasoline parameters. This is because analytical results for the trimethylbenzene isomers in soil and soil gas have already been ascertained.² Furthermore, soil vapor sampling previously completed at this site included 1,2,4- and 1,3,5-trimethylbenzene analyses. Therefore, repeating soil gas sampling at this site also does not appear to be required. Moreover, the available soil data appear to demonstrate attainment of the SHS-MSCs for soil, and the soil gas data demonstrate no exceedances of the applicable screening levels. ***However***, it will be the selected consultant's responsibility to document SHS attainment for soil and the soil gas data in the Remedial Action Completion Report (Task 3/Milestone C).

The Solicitor hereby requests bidders to provide a written approach to achieve the project goals consistent with the milestones structure presented in this RFB. These to-closure tasks and milestones will be incorporated into a Fixed-Price Agreement (Attachment 1) between the Solicitor and the selected consultant. The selected consultant will also need to have already signed or will be required to sign the Solicitor's standard Master Services Agreement (see Attachment 2). Although it is not a party to either agreement, the Fund will reimburse 100 percent of the reasonable, necessary, and appropriate costs incurred consistent with the Milestone Payment Schedule specified in Section 4 below and as incorporated into the signed Fixed Price Agreement. Allocating the costs between the two USTIF claims will be handled by the Fund in consultation with the Solicitor, i.e., the selected consultant will issue a single set of milestone payment requests referencing only Claim #2002-0295(M).

In general, the SOW envisions ***no*** additional remedial activity with respect to soil, soil gas, or groundwater as the existing data set appears to indicate the ability to demonstrate plume stability and attainment of the residential used aquifer SHS-MSCs for soil, groundwater, and indoor air. Consequently, the scope of work does not anticipate needing to develop and secure PADEP approval of a new Remedial Action Plan (new RAP) for this site addressing both reported releases. However, typical post-remedial activities necessary to bring this site to closure ***are*** included in the SOW. Therefore, this RFB anticipates a to-closure SOW up to and encompassing decommissioning all remaining remedial system components (i.e., former groundwater and soil vapor extraction wells), abandonment of all on- and off-property site monitoring wells, and site restoration.

The following task/milestone summary is provided to facilitate the preparation of a bid and to maintain consistency among the bids for bid evaluation:

- Task 1/Milestone A Series – Continued Quarterly Groundwater Monitoring, Sampling, and Reporting

² Should the PADEP require additional soil and/or soil gas data in order to demonstrate attainment of the selected remedial goal, this added requirement will constitute a "new condition" as that term is defined in the Fixed-Price Agreement.

- Task 2/Milestone B – Groundwater Attainment Demonstration
- Task 3/Milestone C – Prepare & Submit Remedial Action Completion Report (RACR)
- Task 4/Milestone D – Well Abandonment and Site Restoration

Each bid should include a description specific to each and every task/milestone. Each bid must contain a high level of task-specific details that permit the Solicitor and USTIF to accurately assess and differentiate between each bid. Other attributes of a bid response that can be considered technically sound include, but are not necessarily limited to: (1) is the bid approach/response well reasoned, well organized, and detailed as it describes how the bidder plans to move the site from its existing conditions (both from a technical and a regulatory prospective) to the conditions required by PADEP to close the site under Act 2 and provide the Solicitor with an associated relief from liability; (2) does the bid response demonstrate that the bidder (without undue reliance on any documents provided by its proposed subcontractors) has read and understands the RFB; and (3) are the bidder's approach and criteria based on a reasonably complete conceptual site model.

Each bidder should carefully review the existing site information (as provided in the electronic files accompanying this RFB) and seek out other appropriate sources of information to develop its response to this RFB. The electronic files accompanying this RFB include the following documents:

- Attachments 1, 2, and 3;
- The 7/6/06 *Site Characterization Report*;
- The 7/7/06 *Remedial Action Plan*;
- The 9/7/06 letter from the PADEP approving the July 2006 *Site Characterization Report* and *Remedial Action Plan* with modifications;
- The 4/29/10 *Site Characterization Report Addendum*;
- The 6/24/10 *Revised Remedial Action Plan and Risk Assessment Report*;
- The 7/28/10 letter from the PADEP approving the *Revised Remedial Action Plan and Risk Assessment Report* with modifications;
- *Remedial Action Progress Reports* issued for the First and Second Quarters 2011; and
- Correspondence dated 7/15/11, 7/19/11, and 8/15/11 from the current consultant of record to Excalibur Group, LLC regarding the pre-feasibility testing results.

By submitting a bid in response to this RFB, each bidder indicates its acceptance of the contractual terms (Attachments 2 and 3) and task/milestone requirements of this project, including any stated schedule deadlines, unless explicitly stated to the contrary in its bid.

To be considered for selection, one hard copy of the signed bid package and one electronic copy (one PDF file on a compact disk included with the hard copy) must be provided directly to the Funds' third-party administrator, ICF International (ICF) to the attention of Deb Cassel, Contracts Administrator. Ms. Cassel will be responsible for opening the bids and providing copies to the Technical Contact and the Solicitor. Bid responses will only be accepted from those firms who attended the mandatory pre-bid site meeting. **The ground address for overnight/next day deliveries is ICF International, 4000 Vine Street, Middletown, PA 17057, Attention: Deb Cassel. The outside of the shipping package containing the bid response package must be clearly marked and labeled with "Bid – Claim #2002-0295(M)."** Please note that the use of U.S. Mail, FedEx, UPS, or other delivery method does not guarantee delivery to this address by the due date and time listed below for submission. Firms mailing bid responses should allow adequate delivery time to ensure timely receipt of the bid package. **No bid responses will be accepted via e-mail.**

The bid response must be received by 3:00 PM on May 18, 2012. Bids will be opened immediately after the 3:00 PM deadline on the due date. Any bid package received after this due date and time will be time-stamped and returned. If due to inclement weather, natural disaster, or any other cause, the Fund's third party administrator's office is closed on the due date for the bid response, the deadline for submission will automatically be extended to the next business day on which the office is open, but the hour for submitting the bid response will remain the same. The Fund's third-party administrator may notify all firms who attended the mandatory pre-bid site meeting of an extended due date. **Submitted bid responses are subject to Pennsylvania's Right-to-Know Law.**

Bids will be considered individually in a manner consistent with the evaluation process described in the USTIF Competitive Bidding Fact Sheet, which can be downloaded from the USTIF website.³ While the Technical Contact will assist ICF, USTIF, and the Solicitor in evaluating the bids, it is up to the Solicitor to select the bidder from those bids deemed acceptable to USTIF as reasonable, necessary, and appropriate. The Technical Contact will also assist the Solicitor in communicating its choice of the successful bidder. Notification of bid award will likely occur within six weeks after receiving the bids.

³ http://www.portal.state.pa.us/portal/server.pt/community/offices___organizational_charts/9304/ustif_-_underground_storage_tank_indemnification_fund/606627

1. ICF, SOLICITOR, AND TECHNICAL CONTACT INFORMATION

ICF International	Solicitor	Technical Contact
Mr. Jerry Hawk ICF International 4000 Vine Street Middletown, PA 17057	Mr. David Dodson 5700 Sixth Avenue Altoona, PA 16602	Frank Markert, P.G., P.E. Excalibur Group, LLC 120 Wesport Drive, Pittsburgh, PA 15238 Phone: (412) 968-9245 Email: fmarkert@excaliburgrp LLC.com

Please note that the Technical Contact is the single point of contact regarding this RFB. Questions regarding this RFB and the associated site conditions must only be directed **in writing** to the Technical Contact, not to the Solicitor or USTIF. Bidder questions must be received no later than seven (7) calendar days prior to the due date for the bid. Bidders shall not contact or discuss this RFB with the Solicitor, USTIF, ICF, or the PADEP unless approved by the Technical Contact. However, this RFB may be discussed with subcontractors and vendors to the extent required for preparing a responsive bid. If a bidder has specific questions for the PADEP, such questions shall be submitted only to the Technical Contact, who will forward the questions to PADEP. The PADEP may choose not to reply to questions it receives, or may not reply in time for its response to be beneficial.

Please note that unless a bidder is able to demonstrate its question is proprietary in nature, all questions and responses exchanged before, during, and after the mandatory pre-bid site meeting will be provided to all bidders on a non-attributable basis. A bidder must specify any questions it regards as proprietary at the time it submits these questions to the Technical Contact. If said question(s) is (are) determined to be non-proprietary by the Solicitor and the Technical Contact, the bidder will be given the option of withdrawing its question(s) before it is answered and a response distributed.

2. SITE CHRONOLOGY⁴

Following is a brief chronological summary of the site highlighting the two release events and the principal activities undertaken in response to each release (ongoing quarterly sampling events are not referenced in the chronology). Bidders are expected to consult the accompanying electronic files for more information on the site, particularly the interpretations provided by the current consultant of record concerning site geology/hydrogeology, as well as detailed descriptions of the former remedial actions and systems. If there is any conflict between the information provided in this RFB and the source documents accompanying this RFB, bidders shall defer to the source documents.⁵ Please note that the information contained in these source documents has not been independently verified by the Fund, ICF, or the Technical Contact.

⁴ The information provided within this section of the RFB has been excerpted from the electronic files (source documents) that are available on-line as part of this RFB.

⁵ The electronic files accompanying this RFB are the best and most complete copies available to the Technical Contact.

The Sheetz #10 facility is an operating retail fuel sales and convenience store located on the southwest corner of the intersection of 14th Street and Moore Street in Huntingdon, PA. The facility is situated in a mixed commercial-residential area and occupies an approximately 0.35-acre parcel. Neighboring land uses include buildings associated with Juniata College across 14th Street to the north, Shope Motors across the intersection to the northeast, a bank branch location across Moore Street to the east, and single-family residences to the south and west. As noted earlier, the Solicitor owns and operates the facility, but does not own the land parcel. The facility currently operates four registered underground storage tank (UST) systems installed in 1989: one 12,000-gallon gasoline tank, one 10,000-gallon gasoline tank, one 6,000-gallon gasoline tank, and one 6,000-gallon kerosene tank.

Past uses of the subject property are reported to have included a broom factory in 1896, a hosiery factory between 1901 and 1906, a knitting mill in 1906, and a bakery starting sometime between 1911 and 1926 and operating until at least 1946. When the first retail fuel sales facility began operating on this property is currently not known. Reportedly, the Solicitor began operating at this property in June 1972.

- 10/21/02 Air quality measurements are taken in response to complaints of gasoline odors in the store and detecting odors in the tank field observation wells. Elevated PID readings are obtained and the PADEP is notified verbally of a release.
- 10/24/02 A written Notification of Reportable Release is submitted to the PADEP and additional air quality analyses are performed.
- Aug. 2003 Initial site characterization begins. Four soil borings and four groundwater monitoring wells (MW-1 through MW-4) are installed and sampled.
- 3/18/04 Access to the bank branch property located across Moore Street is secured.
- 10/19/04 MW-5, MW-6, and MW-7D are installed.
- 4/6/05 Indoor air quality samples are collected and analyzed.
- 4/21/05 Additional indoor air quality samples are collected and analyzed.
- May 2005 MW-8/8D and MW-9/9D are installed. A geophysical survey is performed.
- July 2005 Gasoline odors are again detected in and around the store.
- Aug. 2005 Gasoline odors are again detected in and around the store and there is a decision to implement an interim remedial action consisting of operating a mobile soil vapor extraction (SVE) system.
- 8/4/05 Groundwater and vapor extraction feasibility tests are performed on MW-2 and MW-7D.

- Oct. 2005 As the remediation wells are being installed, strong gasoline odors are again detected in the store.
- Nov. 2005 SVE wells and dual-phase extraction (DPE) wells and piping are installed.
- Jan. 2006 A mobile SVE system begins operating at the site as an interim remedial action.
- Feb. 2006 Installation of the DPE wells resumes without further odor occurrences. A total of three cubic yards of impacted soil is removed for disposal during well installation activities.
- May 2006 Mobile SVE system operations are terminated when PID readings indicate no additional gas vapor removal. At this point, the site characterization has resulted in completing and sampling 13 direct-push borings (GP-1 through GP-13), installing seven monitoring wells on the property (MW-1 through MW-4, MW-7D, MW-7DD, and MW-10) and installing eight monitoring wells off the property (MW-5, MW-6, MW-8/8D, MW-9/9D, and MW-11/11D). Wells installed in the "upper bedrock" are MW-1 through MW-6 and MW-8 through MW-11. Wells installed in the "deep bedrock" are MW-7D, MW-8D, MW-9D, and MW-11D. One well (MW-7DD) is installed in the "deeper bedrock." Remedial feasibility studies are completed.
- 7/6/06 A *Site Characterization Report* (SCR) is submitted to the PADEP. SCR indicates the highest MTBE concentrations (9,200 parts per billion) are detected in the on-property well MW-10, but exceedances of the SHS-MSCs for MTBE are detected off the property as well. Groundwater in the fractured bedrock is noted to be impacted. Solicitor selects demonstrating attainment of the SHS-MSCs for a used aquifer in a residential setting. SCR recommends installing additional nested wells off the property. The PADEP approves the SCR on September 7, 2006 with one comment. (See electronic files accompanying this RFB for a copy of the SCR.)
- 7/7/06 A *Remedial Action Plan* (RAP) is submitted to the PADEP and includes a June 2006 Remedial System Design Report. (See electronic files accompanying this RFB for a copy of the RAP.) The PADEP approves the RAP on September 7, 2006 with one comment. The RAP selects vacuum-enhanced groundwater extraction as the preferred remedy after considering monitored natural attenuation, groundwater pump-and-treat, pure oxygen injection, enhanced bioremediation, and in-situ chemical oxidation as alternatives. The RAP specifies MW-1, MW-2, MW-3, and MW-4 as point-of-compliance (POC) wells, and suggests that more extraction wells may need to be added if there is insufficient contaminant concentration reduction within 12 months.
- Feb. 2007 Installation of the SVE and DPE systems is initiated. The vacuum-enhanced DPE system will rely on four extraction wells completed in the "upper bedrock" and

four extraction wells completed in the "deep bedrock" utilizing pneumatic pumps. The vacuum blower will also be used to extract soil vapors from ten SVE wells. Two pneumatic influence monitoring wells are installed near MW-3 and MW-9/9D, respectively.

- 4/10/07 The SVE/DPE remedial system is started utilizing eight bedrock groundwater extraction wells and ten SVE wells. Four of the vacuum-enhanced groundwater extraction wells are completed to 10.3 ft below ground surface (bgs); the other four wells are completed between 30 and 52 ft bgs. Between 4/10/07 and 10/16/07, the vacuum blower only operates during daylight hours due to sensitivity over noise concerns. The blower begins operating on a continuous basis on 10/16/07. The remedial system operates between April 2007 and April 2010 (see below).
- Aug. 2007 The remedial system is altered to allow full operation of all groundwater extraction wells utilizing pneumatic pumps. Up to this point, DPE system operation had been constrained because of "system restrictions resulting from unpredicted water production."
- 2Q 2009 The SVE portion of the remedial system is shut down, but the vacuum blower continues to extract vapors from the bedrock DPE wells.
- 9/3/09 A contractor installing vehicle protection bollards penetrates the kerosene fuel line. An estimated 70 gallons of kerosene is lost. The kerosene line is subsequently repaired and the kerosene tank and lines test tight.
- 9/8-30/09 Approximately 15-20 tons of kerosene release-impacted soil is excavated over two phases (9/8-11/09 and 9/28-29/09) as an interim remedial action. Initial phase involves removing soils exhibiting a PID reading above 100 parts per million. Biased post-excavation confirmatory soil samples are collected (AS-1 through AS-10) and exceedances of the SHS for benzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene are detected. Historic foundation walls oriented parallel and perpendicular to the store building and a building footer are encountered. Separate-phase hydrocarbons are encountered at the base of the foundation walls and within the foundation blocks. Approximately two gallons of product is recovered. Second excavation phase seeks to remove additional impacted soil encountered along the foundation walls, but is limited to the west due to the location of the store and kerosene dispenser. Biased post-excavation confirmatory soil samples are collected (SS-1 through SS-6) and two soil samples exhibit SHS-MSC exceedances for naphthalene and/or 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene. The areas surrounding all three soil exceedances are further excavated and a second round of biased soil samples is collected (SS-1 through SS-6). SS-1 exhibits SHS-MSC exceedances for 1,2,4- and 1,3,5-trimethylbenzene and naphthalene. Two-inch diameter PVC well screen is installed in the backfilled excavation along the store foundation and extending out into the excavation and is connected to the SVE system.

- 10/1/09 Separate-phase hydrocarbon is detected in SVE-9 (well installed to 5.4 ft bgs) and MW-4 (well installed to 18.1 ft bgs). Separate-phase hydrocarbon gauging and recovery is initiated utilizing a vacuum truck. Approximately 14 gallons of product is recovered initially. Petroleum-adsorbent socks are eventually installed in both wells. Approximately 18 gallons of hydrocarbon product is eventually recovered as of 7/29/11.
- Nov. 2009 Monthly separate-phase hydrocarbon gauging & recovery is initiated.
- 12/9/09 Site characterization activities for the kerosene release are initiated. Eventually includes completing and sampling five soil borings (SB-1 through SB-5), installing & sampling three overburden monitoring wells (MW-4o, MW-13o, and MW-14o), installing & sampling four additional upper bedrock wells (MW-13S, MW-14S, MW-15S, and MW-16S), and installing & sampling four soil vapor monitoring points (VP-1 through VP-4).
- 1/26/10 All vapor extraction elements of the remedial system are shut down.
- 3/5/10 Aquifer tests (slug tests) are performed on MW-13S through MW-16S.
- 4/1/10 Groundwater extraction from the remedial system is terminated.
- 4/27/10 A second round of soil gas samples is collected from VP-1 through VP-4. (See the RRAP/RA for all soil vapor monitoring data.)
- 4/28/10 MW-4S and MW-4R are installed and MW-4 is abandoned.
- 4/29/10 A *Site Characterization Report Addendum* (SCRA) is submitted to the PADEP. (See electronic files accompanying this RFB for a copy of the SCRA.) The SCRA deals mostly with the site characterization activities triggered by the Sept. 2009 kerosene release.
- 6/10/10 Rising head slug tests on performed on MW-4S and SVE-9.
- 6/14/10 A *Revised RAP and Risk Assessment Report* (RRAP/RA) is submitted to the PADEP. (See electronic files accompanying this RFB for a copy of the RRAP/RA.) The RRAP/RA specifies demonstrating attainment of the SSS for naphthalene and trimethylbenzenes in soil impacted by the kerosene release, attainment of the SSS for MTBE, and attainment of the SHS for all other COCs in soil and groundwater. (NOTE: the Solicitor subsequently determined that a SSS closure was not feasible.)
- 6/16/10 The PADEP approves the April 2010 SCRA.

- 7/28/10 The PADEP approves the RRAP/RA with modifications. (See the electronic files accompanying this RFB for a copy of the RRAP/RA approval letter.)
- July 2011 Pre-feasibility testing of potential remedial technologies is completed using "upper bedrock" well MW-10S and "deep bedrock" well MW-7D (see electronic files accompanying this RFB for these data). Aqueous feasibility testing is completed on both wells by means on injecting oxygenated water at a rate of 5 gallons per minute (gpm) for 1.5 hours and then at a rate of 7.5 gpm for another 1.5 hours. A small amount of groundwater mounding is observed in the monitored wells along with increases in dissolved oxygen concentrations. Air sparge feasibility testing is also attempted on both wells by means of single hour flow tests during which each test well was to receive approximately five standard cubic feet per minute (SCFM) for the first hour, 10 SCFM for the second hour, and 20 SCFM for the third hour. Both test wells reportedly accepted the injected air so readily that minimal backpressure was observed. As a result, the air compressor could not produce enough air to achieve flow rates above 10 SCFM for more than 10 minutes.
- 8/10/11 Another phase of kerosene-impacted soil excavation is attempted to address the three post-excavation SHS-MSC exceedances reported after the 9/28-29/09 excavation. (See electronic files accompanying this RFB for this information.) Initially, this additional excavation is proposed to extend further to the west, but a westward expansion is deemed not necessary after biased post-excavation confirmatory soil sampling within the limits of the first phase of additional excavation is reported to demonstrate SHS-MSC attainment for all COCs. Proposals to inject oxygen-, nutrient-, and bacteria-amended water via the 2-inch diameter PVC well screens placed in the backfilled 9/8-11/09 excavation are discussed.
- 10/27-28/11 A first batch of potable water amended with oxygen, micronutrients, and hydrocarbon-degrading bacteria is injected into the area of the original excavation of kerosene release-impacted soil to address the post-excavation SHS-MSC exceedances for 1,2,4- and/or 1,3,5-trimethylbenzene. The amended water is injected via two access points to a network of horizontal PVC well screens placed in the excavation as it was backfilled in early 2009. A total of 3,000 gallons is injected at a rate of 7.7 gallons per minute containing 500 pounds of custom-blended nutrients, 15 gallons of a dilute surface-active agent, and 10 gallons of a consortium of hydrocarbon-degrading bacteria.
- 11/22-23/11 A second batch injection is completed in the area of the original excavation of kerosene-impacted soil. A total of 2,500 gallons is injected via to access points to the network of horizontal PVC well screens at a rate of 7.25 gallons per minute containing 500 pounds of custom-blended nutrients, 10 gallons of a dilute surface-active agent, and 15 gallons of a consortium of hydrocarbon-degrading bacteria.

- 1/13/12 The current site consultant of record confers with the PADEP-SCRO case manager and an agreement is reached to conduct systematic random sampling based upon the final extent of the kerosene release-impacted soil excavation rather than for each residual "hot spot."
- Feb. 2012 Based on the total extent to which kerosene release-impacted soils were excavated (i.e., encompassing both the 2009 and 2011 excavations; see Combined Excavation Map Layout in the accompanying electronic files), a schematic of all excavation sidewalls and floors to be included in systematic random sampling is created (see Random Sampling Schematic Model in the accompanying electronic files). A total of two-and-one-half (2½) sidewalls are excluded as soils in these locations were removed to the point where only fill material from the tank field remained (sidewall locations labeled as "fill" in the schematic).
- 3/5–6/12 The current site consultant of record completes systematic random soil sampling for the total extent of the kerosene release-impacted soil excavation. All analytical results are reported to be below laboratory detection limits for all eight (8) soil samples (see soil data in accompanying electronic files). The consultant reports encountering another residual mason block wall/footer slightly below grade in the area of S-1, S-2, S-4, S-6 and S-7 (i.e., footers and foundation walls from a previous structure were encountered during each phase of soil excavation). As a result, a few sample locations were moved slightly from the pre-determined locations to obtain soils for sampling. The proposed S-8 and S-3 locations were also moved slightly to accommodate the existing store front overhang.

3. PROJECT TASKS/MILESTONES

This solicitation requests a fixed price-to-closure bid that encompasses the tasks/milestones outlined in this RFB and achieves the selected remedial goal. To reiterate, the project goals are to "close" the site under Pennsylvania Act 2 and obtain a single site-wide ROL for both releases from the PADEP by demonstrating attainment of residential used-aquifer SHS-MSCs for soil, indoor air, and groundwater.

To be deemed responsive, each bid must respond in detail to each of the SOW tasks, including describing the bidder's understanding of the conceptual site model and how that model relates to the bidder's proposed approach to executing the SOW. In other words, bidders shall respond to the tasks specified herein to enable as much of an "apples-to-apples" comparison of the bids as possible. Recommendations for changes/additions to the SOW shall be discussed, quantified, and priced separately; however, failure to bid the SOW "as is" may result in a bid not being considered.

General SOW Requirements

The bidder's approach to achieving closure of this site under PA Act 2 and securing an associated ROL from the PADEP for both releases shall be in accordance with generally accepted industry standards/practices and all applicable federal, state, and local rules, regulations, guidance, and directives. The latter include, but are not necessarily limited to meeting the requirements of the following:

- The Storage Tank and Spill Prevention Act (Act 32 of 1989, as amended),
- Pennsylvania Code, Title 25, Chapter 245 - Administration of the Storage Tank Spill Prevention Program,
- The Land Recycling and Environmental Remediation Standards Act of 1995 (Act 2), as amended),
- Pennsylvania Code, Chapter 250 - Administration of Land Recycling Program, and
- Pennsylvania's Underground Utility Line Protection Law, Act 287 of 1974, as amended by Act 121 of 2008.
- Pennsylvania's Engineer, Land Surveyor and Geologist Registration Law, P.L. 913, No. 367 Cl. 63.

In addition, the Solicitor has certain technical requirements that must be met, as applicable to the site activities to be completed, as described in its "Remedial Portfolio Compliance Management Practice Standards" and "Subsurface Clearance Protocol" (see electronic files accompanying this RFB). Bidders are advised that to the extent there are any conflicts between the requirements of this RFB, the approved SCR/RAP, and the aforementioned Solicitor-specified standards and protocols, the requirements of the RFB and the approved SCR/RAP take precedence.

Each bid must provide the Solicitor and USTIF with a schedule that begins with execution of the Fixed-Price Agreement with the Solicitor and ends with site closure under Pennsylvania Act 2 and the associated ROL received from the PADEP. Schedules must also indicate the approximate start and end of each of the tasks/milestones specified below, and indicate the timing of all proposed key milestone activities. Schedules must also specify no less than two weeks for the Solicitor and USTIF to review and comment on any documents (other than the quarterly RAPRs) that will be submitted to PADEP or any other agency with regulatory oversight. As appropriate, bid schedules must include time to address any comments received from PADEP on the RACR (Task 4/Milestone D).

During completion of the task/milestone objectives specified below and throughout implementation of the project, the selected consultant shall:⁶

- Conduct necessary, reasonable, and appropriate project planning and management activities until the project (i.e., Fixed-Price Agreement) is completed. Such activities may include Solicitor communications/updates, meetings, record keeping, subcontracting, personnel and subcontractor management, quality assurance/quality control, scheduling, and other activities (e.g., utility location, etc.). Project planning and management activities will also include preparing and implementing plans for Health and Safety, Waste Management, Field Sampling/Analysis, and/or other plans that may be required by regulations or that may be necessary and appropriate to complete the SOW, and shall also include activities related to establishing any necessary access agreements. Project planning and management shall include identifying and taking appropriate safety precautions to not disturb site utilities, including, but not limited to, contacting Pennsylvania One Call as required prior to any ground-invasive work.⁷ Project management costs shall be included in each bidder's pricing to complete all the tasks/milestones specified below, as appropriate.
- Be responsible for coordinating, managing and completing the proper management, characterization, handling, treatment, and/or disposal of all impacted soils, water, and derivative wastes generated during the implementation of this SOW. The investigation-derived wastes and purge water should be disposed of in accordance with standard industry practices and applicable laws, regulations, guidance, and PADEP directives. Waste characterization and disposal documentation (e.g., manifests) shall be maintained and provided to the Solicitor upon request.
- Be responsible for providing the Solicitor and facility operator with adequate advance notice prior to each visit to the property. The purpose of this notification is to coordinate with the Solicitor and facility operator to ensure that appropriate areas of the property are accessible. Return visits to the site prompted by a failure to make the necessary logistical arrangements in advance

⁶ All bids shall include the costs of these activities and associated functions within the quote for applicable tasks/milestones.

⁷ Pennsylvania's Underground Utility Line Protection Law, Act 287 of 1974, as amended by Act 121 of 2008 (the "Act"); OSHA Standard 1926.651 (revised 1990); the Federal Pipeline Safety Act of 1968, as amended, protecting underground liquid (CFR 49 Part 195) and natural gas (CFR 49 Part 192.614) pipelines; and the National Electric Safety Code, ANSI C-2 (revised 1997); require anyone who engages in any type of excavation or demolition, (see the Act for definition of excavation), to provide advance notice. In Pennsylvania, the Act requires, "*Notice in the design or planning phase of every work operation that involves the movement of earth with powered equipment...not less than 10 nor more than 90 business days before final design approval, and notice in the construction phase of a work operation involving movement of earth with powered equipment or explosives...is required at least 3 business days but not more than 10 business days prior to actual excavation.*" The Pennsylvania One Call website is www.paonecall.org.

will not constitute a change in the selected consultant's SOW or compensation under the Fixed-Price Agreement.

- Be responsible for keeping all site monitoring wells in good condition, with each well properly sealed and locked in between each monitoring/sampling event. The selected consultant is responsible for repairing any seals or locks that become defective during the period of the Fixed-Price Agreement at its expense. If, during the mandatory pre-bid site meeting, any well(s) is (are) identified to be in need of repair or replacement, each bidder shall provide its estimated cost to repair/replace said well(s) in its bid. NOTE: Any request for Fund reimbursement of the reasonable costs to repair or replace a well will be considered on a case-by-case basis.

Finally, subsequent to bid award, any modification of the selected consultant's SOW will require prior written approval by the Solicitor **and PAUSTIF** through its third-party administrator, and may require PADEP pre-approval. Bidders should also note that this SOW was provided to and reviewed by the PADEP-SCRO case manager.

Task/Milestone-Specific Requirements

Task 1/Milestone A Series – Continued Quarterly Groundwater Monitoring, Sampling, and Reporting

Under this task/milestone, bidders shall provide a firm fixed-price to complete quarterly groundwater monitoring, sampling, and reporting events. This task/milestone shall commence immediately following execution of the Fixed-Price Agreement and shall terminate with the initiation of groundwater attainment demonstration sampling.⁸ For bidding purposes, **all bids shall quote the number of quarterly events anticipated and a unit rate for each quarterly event (inclusive of reporting)** that will apply to each quarterly monitoring event anticipated under the bidder's proposed approach. This unit rate shall apply to each event that is actually required prior to the initiation of Task 2/Milestone B Series.

The following site-related monitoring wells are designated for representative sample collection, analyses, and documentation during each quarterly groundwater monitoring event:

- Unleaded gasoline release: MW-1S, MW-2S, MW-3S, MW-5S, MW-7D, MW-7DD, MW-9S, MW-9D, MW-10S, MW-11S, MW-11D, MW-13S, MW-13o, and MW-14S.
- Kerosene release: MW-1S, MW-3S, MW-4o, MW-4R, MW-13o, MW-13S, MW-14S, MW-15S, and MW-16S.

⁸ The first quarterly event conducted under Task 1/Milestone A shall be timed to continue the pre-existing sequence of quarterly groundwater monitoring/sampling events with a minimum of disruption.

In addition, each quarterly event shall include gauging the depth to groundwater (and separate-phase hydrocarbons, if present) in all available site monitoring wells, especially prior to purging any of the wells for sampling. Groundwater-level measurements obtained from the monitoring wells shall be converted to groundwater elevations consistent with the current (most recent) vertical datum used at the site to assess groundwater flow direction and hydraulic gradient.

Once all depth to groundwater data has been measured and recorded for a given quarterly event, each well designated for sample collection shall be purged and then sampled in accordance with PADEP Groundwater Monitoring Guidance Manual, other applicable PADEP guidance and directives, and standard industry practices. Any well with a quantifiable thickness of separate-phase hydrocarbons shall not be purged or sampled. Bidders shall manage equipment decontamination fluids and groundwater generated by the well purging and sampling activities in accordance with standard industry practices and applicable laws, regulations, guidance, and PADEP directives.

Each groundwater sample collected from all the monitoring wells specified above shall be analyzed for the post-March 2008 PADEP short lists of unleaded gasoline and kerosene parameters by a PADEP-accredited laboratory using USEPA Method SW-846 8260B, with method detection levels below the individual SHS-MSCs for each compound. Appropriate quality assurance/quality control (QA/QC) samples shall also be collected and analyzed for the same parameters as part of each event.⁹

The results of each quarterly groundwater monitoring event shall be documented in separate quarterly Remedial Action Progress Report (RAPR). Each quarterly RAPR shall be prepared, completed, and submitted for PADEP review in accordance with standard industry practices and applicable laws, regulations, guidance, and PADEP directives. Each quarterly report shall provide the data generated during the reporting period, shall be complete and concisely organized, and shall contain at least the following elements:

- A summary of site operations and remedial progress made during the reporting period that addresses whether or not the degree of remedial progress is reasonably "on track" to achieve a timely and cost-effective site closure.
- Data collected from the monitored wells, including the depth to groundwater and thickness of any free product encountered.
- At least one groundwater elevation contour map, which also depicts a licensed professional's interpretation of groundwater flow direction.
- Tabulated historical quantitative groundwater analytical results, including results from the current quarter.

⁹ Each bidder's approach to implementing Task 1/Milestone A shall clearly identify the number of sampling events, number of wells/samples per event, well purging and sampling method(s), QA/QC measures, analytes, and other key assumptions affecting the bid price.

- The laboratory analytical report(s) for the samples collected during the current quarter.
- One site-wide iso-concentration contour map for each compound detected in groundwater at a concentration exceeding the applicable SHS-MSD during the quarter.¹⁰
- For each well that has exhibited an SHS-MSD exceedance during the reporting period and/or during the previous year, a graphical depiction of historical key contaminant concentrations and groundwater elevations to provide an assessment of correlations between fluctuating water levels/precipitation events and contaminant concentrations. This assessment should specifically address whether observed dissolved-phase constituent concentration fluctuations may be related to changing hydrogeologic conditions or whether these fluctuations may be potentially indicative of changed conditions requiring further investigation and/or a possible change in the site closure strategy.
- For each well that has exhibited an SHS-MSD exceedance during the reporting period or previously, a graphical depiction of recent key contaminant concentration trends. Each quarter, contaminant concentration trend lines shall be calculated using the previous two-years of analytical data (or data collected after the active remediation has been initiated, if applicable) to be plotted on an x-y scatter plot with a logarithmic scale. The exponential trend lines shall be projected forward in time to assess the pace of or projected timeframe for remediation to achieve attainment of the selected remediation standard(s).
- Discussion of the data to offer an updated assessment whether these data are consistent with a stable, shrinking, or expanding plume and, therefore, whether or not the plume appears to be responding to the remedial action in a manner suggestive of a timely and cost-effective site closure.
- Treatment and disposal documentation for waste generated during the reporting period.

USTIF will only reimburse for necessary quarterly groundwater sampling/reporting events actually completed under this milestone (e.g., this milestone shall complete as soon as groundwater attainment demonstration monitoring begins).

Each quarterly RAPR shall be signed and sealed by a Professional Geologist or a Professional Engineer registered in the Commonwealth of Pennsylvania.

Task 2/Milestone B Series – Groundwater Attainment Demonstration

¹⁰ All figures included in each quarterly report (e.g., site plan, groundwater elevation maps, dissolved plume maps, etc.) shall be available in electronic format to the Solicitor upon request.

Under Task 2/Milestone B Series, bidders shall provide a firm fixed-price for completing up to eight consecutive quarters of groundwater monitoring, sampling, and reporting events intended to demonstrate attainment of the residential used aquifer SHS-MSCs for all COCs in groundwater. Each groundwater sampling event shall only include the monitoring wells designated in the PADEP-approved RAP as POC wells. **Bid responses for this task shall identify the proposed POC wells along with rationale that will be provided to PADEP in the RACR supporting the selected POC wells.** Groundwater attainment demonstration monitoring and reporting shall continue, as required, for a total of eight consecutive quarterly events (24 months). However, if the groundwater data for the designated POC wells meet the conditions for site closure after four consecutive quarterly events, a petition to approve a reduction in the total number of groundwater attainment sampling events shall be filed with PADEP. All work under Task 2/Milestone B shall be conducted in accordance with 25 PA Code §250.702, §250.704, and §250.707.

Each event shall include gauging the depth to groundwater and any potential separate-phase hydrocarbons (SPH) in all available monitoring wells prior to purging any of the wells for sampling.¹¹ Groundwater-level measurements obtained from the monitoring wells shall be converted to groundwater elevations consistent with the most recent vertical datum used at the site to assess groundwater flow direction and hydraulic gradient.

Each monitoring well designated for sample collection shall be purged and sampled in accordance with PADEP Groundwater Monitoring Guidance Manual, other applicable PADEP guidance and directives, and standard industry practices. Any well exhibiting more than a sheen of SPH shall not be purged and sampled. Bidders shall manage equipment decontamination fluids and groundwater generated by the well purging and sampling activities in accordance with standard industry practices and applicable laws, regulations, guidance, and PADEP directives.

Groundwater samples shall be analyzed for the post-March 2008 PADEP short lists of unleaded gasoline and kerosene parameters by a PADEP-accredited laboratory using appropriate analytical methods and detection levels. Appropriate QA/QC samples shall be collected as part of each event and analyzed for the same parameters.¹²

Each quarterly groundwater attainment sampling event shall be documented in a quarterly RAPR submitted to PADEP, which are due on January 30, April 30, July 20, and October 30 of each reporting year. At a minimum, each RAPR shall contain the following:

- A narrative description of the sampling procedures and results,
- Tabulated data from current quarterly and all historical data,
- A discussion of the data and an updated assessment of progress toward successful demonstration of attainment via the 75%-10x ad hoc statistical rule.

¹¹ If SPH is detected at this site, SPH recovery and the need to demonstrate free-phase product has been removed to the maximum extent practicable will constitute a "new condition" under the executed Fixed-Price Agreement.

¹² Each bidder's approach to implementing Task 2/Milestone B shall clearly identify the number of sampling events, number of wells/samples per event, well purging and sampling method(s), QA/QC measures, analytes, and other key assumptions affecting the bid price.

Each RAPR shall be sealed by a Professional Geologist or a Professional Engineer registered in the Commonwealth of Pennsylvania.

Task 2/Milestone B activities described in the bid response are to be included in the Standardized Bid Form as a quarterly unit price inclusive of preparing & submitting the quarterly RAPR (e.g., Milestones B1, B2, etc.).

Task 3/Milestone C – Prepare and Submit Remedial Action Completion Report

Under this task/milestone, the bidder will prepare a fixed-price cost to prepare a draft and final RACR following the completion of Task 2/Milestone B. The RACR shall contain all information required under 25 PA Code 245.313 and other applicable statutes, regulations, and guidance including being signed and sealed by a Professional Geologist or a Professional Engineer registered in the Commonwealth of Pennsylvania.

Each bidder's project schedule shall provide two weeks for Solicitor and USTIF review of the draft document. The final RACR shall address comments received from the Solicitor and USTIF on the draft report before it is submitted to PADEP. The RACR shall request a single site-wide ROL relative to the petroleum releases identified in USTIF Claim #2002-0295(M) and Claim #2009-0130(M) by demonstrating compliance with the residential, used-aquifer SHS without the use of any activity and use limitations, institutional controls, or engineering controls.

Task 4/Milestone D – Well Abandonment and Site Restoration

Under Task 4/Milestone D, bidders shall provide a firm fixed price for proper abandonment of all site-related monitoring and recovery/extraction wells, removal and proper disposal of any remaining wastes, as-needed grading of all ground surface areas that have been disturbed by site characterization or remedial action activities, and in-kind restoration (pavement or vegetation) of all ground surface areas that have been disturbed by site characterization or remedial action activities.

All groundwater monitoring wells, recovery wells, piezometers, vapor extraction wells, and vapor monitoring wells (as applicable) at the site shall be properly abandoned in a manner consistent with PADEP's 2001 Groundwater Monitoring Guidance Manual. Copies of the completed Groundwater Monitoring Abandonment Forms shall be forwarded to PADEP so that PADEP may close its files on this facility. Prior to abandonment, all wells and piezometers shall be checked for obstructions that may interfere with any abandonment grouting protocol. If obstructions are found, they shall be removed prior to well or piezometer abandonment.

Work and bid pricing for this milestone shall include all associated documentation required by PADEP or the Solicitor. This includes, but is not limited to: daily photo-documentation of all site restoration and well abandonment activities, and submitting properly completed well abandonment forms to PADEP on behalf of the Solicitor. Copies of these photographs and well abandonment forms shall be provided to the Solicitor and USTIF.

Work under Task 4/Milestone D shall be completed within 60 days of final RACR approval by PADEP. Well abandonment and site restoration activities will be coordinated with the Solicitor. All debris and waste materials generated during well abandonment and site restoration activities shall be properly disposed of in accordance with all applicable laws, regulations, and PADEP directives and guidance.

4. TYPE OF AGREEMENT/PRICING

The Solicitor wishes to execute a mutually agreeable, Fixed-Price Agreement for the work addressed by Tasks 1 through 4 and Milestones A through D. A sample Fixed-Price Agreement is included as Attachment 1.¹³ In addition, the selected consultant will also need to have already signed or will need to sign the Solicitor's standard Master Services Agreement (see Attachment 2).

As noted earlier, by submitting a bid in response to this RFB, a firm indicates their acceptance of the contractual terms (Attachments 1 and 2) and task/milestone requirements of this project, including schedule deadlines, unless explicitly stated to the contrary in its bid. Therefore, if a bidder seeks changes to the Fixed-Price Agreement, these changes *are to be specified in the submitted bid*. Please note that any requested changes must be agreed upon by both the Solicitor and USTIF and subsequently included in the executed Fixed-Price Agreement. The selected consultant's desired changes to the Solicitor's standard Master Services Agreement will be communicated to the Solicitor by the Technical Contact.

Bids shall identify unit cost rates for labor, other direct costs, and equipment, as well as proposed mark-ups on other direct costs and subcontracted services for Milestones A through D. Associated unit price quotes shall be entered into the Standardized Bid Form included as Attachment 3 to this RFB. Please note that the total fixed-price bid must include all costs, including those cost items that the bidder may regard as "variable". These variable cost items will not be handled outside of the total fixed-price quoted for the SOW. Any bid response that disregards this requirement will be considered non-responsive to the bid requirements and; as a result, will be rejected and will not be evaluated. Finally, please note that referencing extremely narrow or unreasonable assumptions, special conditions, and exemptions may make the bid response too difficult to evaluate and may result in the bid response being deemed "unresponsive."

Payment Milestones: Table 1 below shall be completed by the bidder to illustrate the approximate timing expected for completion of respective milestone activities and milestone payouts (Table 1 is included among the electronic files accompanying this RFB). Actual milestone payments will occur only after successful and documented completion of the work defined for each milestone. Payment milestones under the Fixed-Price Agreement shall be broken out as follows:

¹³ The selected consultant will be provided with an electronic copy of the sample Fixed-Price Agreement in Word format at which time the site and agreement-specific information can be added.

- Milestone A Series – Continued Quarterly Groundwater Monitoring, Sampling, and Reporting
- Milestone B Series – Groundwater Attainment Demonstration
- Milestone C – Prepare & Submit RACR
- Milestone D – Well Abandonment & Site Restoration

TABLE 1 – SAMPLE MILESTONE COMPLETION/PAYMENT SCHEDULE

<u>Estimated Milestone Month After Contract Award¹</u>	<u>SOW Activities Anticipated/Completed for that Month</u>	<u>Milestone(s)</u>
	Quarterly Groundwater Monitoring, Sampling & Reporting	A1, A2, etc.
	Groundwater Attainment Demonstration	B1
	Groundwater Attainment Demonstration	B2
	Groundwater Attainment Demonstration	B3
	Groundwater Attainment Demonstration	B4
	Groundwater Attainment Demonstration	B5
	Groundwater Attainment Demonstration	B6
	Groundwater Attainment Demonstration	B7
	Groundwater Attainment Demonstration	B8
	Prepare & Submit RACR	C
	Well Abandonment & Site Restoration	D
<p>1. Each bidder should complete this sample Milestone Completion/Payment Schedule to reflect its proposed (anticipated) milestone completion schedule, as long as the proposed schedule meets the deliverable deadlines where specified.</p>		

Please note that the selected consultant's work may be subject to ongoing review by the USTIF or its representatives to assess whether the proposed and completed work and the associated costs are reasonable, necessary, and appropriate. In order to facilitate review and reimbursement of submitted invoices by USTIF, project costs shall be invoiced following the milestone structure specified in the bid submitted by the selected consultant. Tracking incremental and cumulative costs by milestone will also be required to facilitate invoice review.

Unless otherwise noted by the bidder, each bid received is required to be good for a period of up to 120 days after its receipt. All bid pricing (fixed-prices and quoted unit prices) shall be

good for the duration of the period of performance cited in the associated Fixed-Price Agreement.

5. ADDITIONAL BID PACKAGE REQUIREMENTS

Each submitted bid must include the following:

- A reasonable demonstration that the bidder: (i) understands the objectives of the project; (ii) understands and applies standard industry practices and PADEP regulations, directives, and guidance appropriately; (iii) offers a reasonable approach for achieving those objectives efficiently and effectively; and (iv) understands the existing site information provided in the electronic files accompanying this RFB.
- Provide answers to the following questions regarding the bidder's qualifications and experience:
 - Does your company employ the Pennsylvania-licensed Professional Geologist (P.G.) and/or Professional Engineer (P.E.) that will sign and certify the documents for which a P.G. and/or P.E. signature is required? [NOTE: The Solicitor requires the work described herein to be completed under the responsible care and directly supervised by a P.G. and P.E. consistent with applicable regulations and licensing standards.]
 - How many Chapter 245 Corrective Action projects is your company currently the consultant of record in Pennsylvania?
 - How many Chapter 245 Correction Action projects has your company closed (i.e., obtained a Release of Liability under Act 2) in Pennsylvania?
 - How many Chapter 245 Corrective Action projects has your company or the proposed Pennsylvania-licensed Professional P.G. and P.E. closed (i.e., obtained relief from liability from the PADEP following the submittal of an SCR, RAP, and RACR) under the SHS and the remedial technology proposed in your bid response?
 - Has your firm ever been a party to a terminated USTIF-funded fixed price or pay-for-performance contract without attaining all of the project objectives and milestones? If so, please explain whether the conditions of the contract were met.
- A complete firm fixed-price based on completion of Milestones A through D by completing the Standardized Bid Form (Attachment 3, included among the accompanying electronic files).

- A description and discussion of all level-of-effort and pricing assumptions.
- Indicate whether the bidder accepts the proposed contractual terms and conditions (Attachments 1 and 2) or has provided a list of requested changes to the Fixed-Price Agreement. [NOTE: The selected consultant's desired changes to the Solicitor's standard Master Services Agreement will be communicated to the Solicitor by the Technical Contact.]
- Provide a statement of applicable/pertinent qualifications, including the qualifications of any proposed subcontractors (relevant project descriptions are encouraged).
- Identify the proposed project team and provide resumes for the key project staff, including the proposed Professional Geologist and/or Professional Engineer of Record who will be responsible for endorsing work products prepared for PADEP review and approval.
- Identify and sufficiently describe subcontractor involvement by task/milestone (if any).
- Provide a detailed schedule complete with specific by-month dates for completing all milestones, inclusive of reasonable assumptions regarding the timing and duration of Solicitor, USTIF, and PADEP reviews needed to complete milestone work. Details on such items as proposed meetings and work product submittals shall also be reflected in the schedule of activities.
- Describe how the PADEP would be involved proactively in the resolution of technical issues and how PADEP case team will be kept informed as to project status.
- Describe how the Solicitor and ICF/USTIF will be kept informed as to project progress and developments and how the Solicitor will be informed of, and participate in, evaluating potential alternatives/tradeoffs with regard to the work.

6. MANDATORY PRE-BID SITE MEETING AND FOLLOW-UP QUESTIONS

On April 27, 2012, THERE WILL BE A MANDATORY PRE-BID SITE MEETING facilitated by the Technical Contact. The Technical Contact will be present at the site between 10:00 AM and 11:00 AM to answer general questions and conduct a site tour for no more than two participants per firm. **Any firm that does not attend this mandatory pre-bid site meeting on the date and during the hours specified will not be eligible to submit a bid.**

A CONFIRMATION OF YOUR INTENT TO ATTEND THIS PRE-BID SITE MEETING IS REQUESTED and shall be provided to the Technical Contact via e-mail at least three business

days in advance of this date with the subject header "Sheetz #10, Claim #2002-0295(M), Site Meeting Attendance Confirmation." This e-mail is to indicate the number and names of the participants (no more than two) attending from your firm. Each attending firm will be asked to enter the contact information for the individual at the firm who is to receive all subsequent RFB-related communications to help ensure the receipt of this information (e.g., responses to bidder questions).

Questions will be entertained during the pre-bid site meeting and every attempt will be made to answer questions at that time. Verbal questions and responses discussed during the site meeting will also be distributed in writing to the attendees after the tour, as will the answers to any non-proprietary questions submitted in writing after the pre-bid site meeting has been concluded. Consequently, bidders are strongly encouraged to ask clarifying questions sufficient to minimize the number of assumptions, special conditions, and exemptions referenced in the submitted bid.¹⁴ Questions will be accepted up by the Technical Contact up to seven days prior to the date when bids are due.

¹⁴ As appropriate, the list of assumptions, special conditions, or exemptions will be discussed with the Solicitor. As part of that discussion, the USTIF may advise the Solicitor that some or all of the assumptions, special conditions, or exemptions that are likely to generate change orders may be the financial responsibility of the Solicitor.

ATTACHMENT 1

Fixed-Price Agreement

(This agreement is provided in an electronic form that does not permit modifications. An electronic version of the agreement that can be modified will be provided to the selected consultant at the appropriate time.)

*Request for Bid
USTIF #2002-0295(M)
Sheetz #10
Huntingdon, Pennsylvania
April 13, 2012*

ATTACHMENT 2

Solicitor's Standard Master Services Agreement

ATTACHMENT 3

Standardized Bid Form