

Request for Proposals (RFP)

Department of Administrative Services (DAS) Contract Award No. 05PSX0271
Leaking Underground Storage Tank (LUST) Provision of
The American Recovery and Reinvestment Act of 2009 ("Recovery Act")

DEADLINE FOR RESPONSES: August 14, 2009

1. Introduction:

The Connecticut Department of Environmental Protection (DEP) invites eligible contractors available under DAS Contract Award No. 05PSX0271 to submit proposals for tasks associated with the clean-up of federally regulated underground storage tanks. The Recovery Act provides a supplemental appropriation of approximately 2.0 million dollars to the LUST Trust Fund (Recovery Act funding) for LUST cleanup activities authorized by section 9003(h) of the Solid Waste Disposal Act. This request for proposals is necessary to support DEP for performing the site investigations and cleanups on an "as needed" basis.

2. Description:

Sections 22a-449(d)-1 and 22a-449(d)-101 through 113 of the Regulations of Connecticut State Agencies (RCSA) were implemented to prevent subsurface releases from non-residential underground storage tanks (UST) containing motor fuels, heating fuels or waste oils. The DEP's Site Assessment and Support Unit has compiled a list of facilities who are presently out of compliance with the Sections 22a-449(d) - 110, - 106 and - 107 of RCSA, respectively, and are candidates for LUST Recovery Act funds for assessment and cleanup of petroleum releases. The following are categories of sites where the funding may be applied:

- (a) Section 22a-449(d)-110: Orphaned or abandoned facilities with bare steel USTs, where the owners/operators of the sites are unknown or unable to pay and there has been a confirmed release to the environment. These sites may be shovel-ready projects (sites ready for assessment and cleanup).
- (b) Section 22a-449(d)-106: Assessment and cleanup of sites where there has been an adverse (free-product) impact to the environment and actions to assess and cleanup have not been initiated or completed to the satisfaction of the Commissioner.
- (c) Section 22a-449(d)-107: Sites where USTs have not been permanently closed in accordance with RCSA and assessment is warranted due to the likelihood of petroleum releases.

3. Assessment, UST Closure and Remediation of LUST Sites:

Sites from any of the categories which are most likely to pose the greatest threat to human health and the environment will be candidates for LUST Recovery Act funding for assessment, UST closure and remediation. The following consulting tasks may be required by the DEP to accomplish the goals of closing and remediating sites:

- (a) Assessment of UST sites: Perform subsurface investigation to determine and/or delineate the extent and degree of possible petroleum releases from UST systems following DEPs Site Characterization Guidance Document (September 2007).
- (b) Closure of UST's: Oversee contractor(s) to remove all remaining liquids from the UST facility, inert and remove the tank(s) and piping in accordance with applicable UST regulations, assess tank grave and piping trenches for further excavation or closure following DEPs guidance for Sampling and Analytical Methods for UST Closure.
- (c) Remediation of LUST site: Perform remediation at impacted sites to mitigate environmental risks. Strategies will likely encompass performing soil excavation and/or installing recovery wells for removal of separate-phase product plumes by a vacuum truck. Engineered remediation systems, such as vapor extraction, etc., may also be required.
- (d) Project Support Services: In addition to the tasks described above, the contractor will be required to complete tasks necessary in administering aspects of the project such as invoicing, solicitation of subcontractors, preparation of data, maps, reports, court testimony (expert witness), obtain necessary permits, provide oversight of site project and contractors, prepare site safety plans and oversee workplace safety, coordinate with property owners and/or tenant for access, and other tasks that may be requested to support DEP.

Further details of above mentioned tasks will entail:

Field Screening and Laboratory Analysis: Utilizing the DEP Mobile Laboratory (coordination support with DEP Mobile Laboratory will be provided by the DEP project team), to screen soils and groundwater for volatile organics (using DEP's Guidance for Collecting & Preserving Soils and Sediments for Laboratory Determination of Volatile Organic Compounds and analysis by GC/MSD) during closure or remediation. When necessary, a split is to be submitted to a State contract laboratory (available under DAS Contract No. 04PSX0173) for a certified result. Where applicable, analysis for lead will be taken to document closure conditions. The proposal should also include a Quality Assurance Plan that outlines, in detail, procedures that will be implemented to insure the integrity and consistency of the data collected during the completion of site sampling activities.

Reporting: Upon the completion of the remediation of each area of concern (AOC), the contractor will be responsible for compiling data collected in the field and from laboratory analyses. Within 30 days of the completion of the investigation of each AOC, the contractor shall prepare and submit to DEP a draft report that summarizes the results of the investigation, including data summary tables, descriptions of soils/fill materials encountered, photographs and site diagrams depicting site features and surveyed locations such as boring or well locations, soil samples for closure, important landmarks including UST's, buildings and property lines. Within 30 days from the receipt of comments from DEP, the reports are to be finalized and four copies are to be provided to DEP.

EPA's Office of Grants and Debarment: Specific terms and conditions which apply- Section 1512 of the Recovery Act provides information necessary to effectively implement the reporting requirements (estimate of jobs directly created or retained) which will detail information on the projects and activities funded by the Recovery Act. These reports will provide the public with an unprecedented level of transparency, accountability and oversight on the projects funded by the Recovery Act. The Bacon Davis Act requirements apply when clean-up work is being done in conjunction with paving or concrete replacement. Section 1605 of the Recovery Act is the Buy American provision and one application is construction related activities associated with site restoration, including paving or concrete replacement.

4. Qualifications of Personnel:

In order to be eligible for DEP consideration with respect to the consulting tasks, proposals are expected to include an explanation and qualifications of the staff and resources that would be utilized to carry out these activities and the identification of the roles and responsibilities of each staffing level should be included:

- (a) Identify personnel by name, years of experience and type of experience with your firm.
- (b) In the last two years, identify number of commercial UST closure sites worked on and explain the key management tasks performed.
- (c) At a minimum, the itemized cost associated with all necessary labor, equipment and materials to complete the following hypothetical UST Closure scenario:
 - (1) Orphaned UST facility located in GB groundwater area: three (3) 6,000 gallon gasoline USTs, one (1) 500 gallon waste oil UST, all bare-steel, currently not registered, age unknown. Lot has asphalt cover with no logistical encumbrances. Soil is accessible.
 - (2) Historic release confirmed by DEP's pre-excavation subsurface site assessment. Extent and degree findings: dissolved gasoline (trimethylbenzenes, toluene, xylenes) constituents 3 times the RSR/Ind.VC, soil impacted (trimethylbenzenes, toluene, xylenes) 10 times the GB/PMC, DTW = 10 feet, soil impacts from 8 feet to 12.5 feet, soil type-medium to fine sand, soil impact volume = 1,400 cubic yards,
 - (3) Project tasks: groundwater dewatering using only one 30,000 gallon frac tank (treatment and disposal), UST closure, soil excavation; hauling and disposal (assume lot is constricted to allow for only stockpiling clean fill, hot-load immediately, unlimited use of trucks in a normal 8 hour work day and have exclusive use of disposal facility which can handle treating 500 cubic yards per day), post excavation soil and groundwater sampling, installation of 3 two inch monitoring wells (include soil testing), one round of groundwater sampling, project completion timeframe, hours to complete closure report.
- (d) In order to be eligible for DEP consideration of this activity, proposals are expected to include an explanation and qualifications of the staff and resources that would be utilized. Identification of the roles and responsibilities of each staffing level, as well as an example of a project that demonstrates the firms experience in these services should be included with the RFP.

- (e) Identification of subcontractors/Project Administration: The contractor will be required to provide general engineering support services and project administration necessary to complete tasks as requested by DEP. The contractor will retain the following subcontractors, where necessary: excavating contractor, drilling contractor, waste liquid waste hauler, surveyor, etc. The contractor will specify the lead time needed to mobilize the various subcontractors. The successful bidder must be able and prepared to commence work immediately upon notification of its selection by DEP.
- (f) Provide a list of applicable OSHA training for each individual. Besides the required 40-hr training for field staff, a list of any additional training such as Railroad Safety, Confined Space, Trench Safety, etc. will be helpful.
- (g) Special Conditions: Any subcontracted service(s) must comply with the provisions of Section 5.5.1 of Contract Award #05PSX0271 by providing justification for selecting service(s) of subcontractors. Contractors should utilize existing State Contract Awards, when applicable, in lieu of complying with the provisions of Section 5.5.1 of Contract Award #05PSX0271. Contractors utilizing State contracts must identify in their cost estimate the State Contract Award number, general rates and service(s) to be utilized, as well as identifying to DEP which vendor will be retained.

5. DEP Project Contacts:

General: Frank Bartolomeo, Bureau of Materials Management & Compliance Assurance – Site Assessment and Support Unit, 79 Elm Street, Hartford, CT 06106. Telephone: (860) 424-3340
Email: frank.bartolomeo@ct.gov

Regulatory/Closure Requirements: Paul Clark, Bureau of Materials Management & Compliance Assurance – Site Assessment and Support Unit, 79 Elm Street, Hartford, CT 06106. Telephone: (860) 424-3345 Email: paul.clark@ct.gov

6. Directions for Submitting Proposals:

Firms responding to this RFP should submit one copy of their proposal to the DEP Project Contact. Email proposals are preferable along with a hard copy. Completed responses to this RFP must arrive no later than 4:00 pm on August 14, 2009. Questions about the project may be directed to the Project Contact via e-mail at: frank.bartolomeo@ct.gov Responses to questions shall be e-mailed to all bidders.

7. Supporting Information:

Additional files related to this project are available for review during normal business hours. Please email Paul Clark at paul.clark@ct.gov if you wish to set up an appointment to review these files.