

Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

CREATION DATE : 21-FEB-13
BID NUMBER: 7461265
TITLE: EAST PROVIDENCE FUEL DEPOT REMOVAL OF UNDERGROUND STORAGE TANKS AND WELL

BID CLOSING DATE AND TIME:21-MAR-2013 10:30:00

BUYER: Cadoret, David
PHONE #: N/A

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DOA CONTROLLER
ONE CAPITOL HILL, 4TH FLOOR
SMITH ST
PROVIDENCE, RI 02908
US

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DOA CENTRAL SERVICES
ONE CAPITOL HILL, 2ND FLOOR
SMITH ST
PROVIDENCE, RI 02908
US

Requisition Number: 1305366
Note to Bidders: THERE WILL BE A MANDATORY PRE BID:
MARCH 12, 2013, 10AM
EAST PROVIDENCE FUEL DEPOT (OLD SITE)
33 SACHEM RD
EA. PROVIDENCE, RI

Line	Description	Quantity	Unit	Unit Price	Total
1	EAST PROVIDENCE FUEL DEPOT REMOVAL OF UNDERGROUND FUEL STORAGE TANKS & DECOMMISSION MONITORING WELLS	1.00	TOTAL		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer



STATE OF RHODE ISLAND
Department of Administration
DIVISION OF PURCHASES
One Capitol Hill
Providence, RI 02908-5855

David Cadoret
401-574-8131
David.Cadoret@purchasing.ri.gov
Purchasing website: www.purchasing.ri.gov

**BID SPECIFICATIONS 7461265
EAST PROVIDENCE FUEL DEPOT REMOVAL OF UNDERGROUND
STORAGE TANKS AND WELL**

There will be a mandatory pre bid conference:

**MARCH 12, 2013, 10AM
EAST PROVIDENCE FUEL DEPOT (OLD SITE)
33 SACHEM ROAD
EAST PROVIDENCE, RI**

Line Item 1 Cost per cubic yard credit less than 500 cubic yards _____ / Cu. Yd.

Line Item 2 Cost per cubic yard for removal, transport, stockpile, cover, and analysis of contaminated soil removed in excess of 500 cubic yards _____ /Cu. Yd.

Line Item 3 Cost per cubic yard for replacement of excavated material from both sites in excess of 500 cubic yards. _____ / Cu Yd.

Line Item 4 Cost per gallon for removal, storage, analysis, and disposal of petroleum contaminated groundwater. _____ /Gallon

**PLEASE SUBMIT THIS SHEET WITH YOUR BID PROPOSAL.
FAILURE TO DO SO MAY RESULT IN YOUR BID BEING CONSIDERED
NON-RESPONSIVE.**



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STORAGE TANKS AND WELL**

THIS THIRD-PARTY LINK WWW.WDOL.GOV/DBA_ASPX#0 IS PROVIDED AS A COURTESY TO POTENTIAL VENDORS FOR GUIDANCE PURPOSES ONLY. THE DIVISION OF PURCHASES IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED ON THIS WEBSITE OR ANY THIRD-PARTY WEBSITE. ANY AND ALL VENDORS SUBMITTING PROPOSALS IN RESPONSE TO THIS SOLICITATION BEAR THE SOLE RESPONSIBILITY AND BURDEN TO SUBMIT PROPOSALS THAT ARE BASED ON ACCURATE INFORMATION AND ARE IN COMPLIANCE WITH LAW.

SCOPE OF SERVICES

Removal of Two Underground Storage Tanks Decommission Groundwater Monitoring Wells – East Providence, RI

I PROJECT OBJECTIVES

Remove existing 6,000 Gallon underground gasoline storage tank in compliance with DEM's UST Regulations and provide UST Closure Assessment prepared by qualified consultant in compliance with DEM's UST Regulations requirements.

Remove existing 12,000 Gallon diesel underground storage tank in compliance with DEM's UST Regulations and provide UST Closure Assessment prepared by qualified consultant in compliance with DEM's UST Regulations requirements.

Decommission sixteen monitoring/recovery wells in accordance with Section 8, Appendix 1 of RIDEM's *Groundwater Quality Rules*.

II BACKGROUND

The State of Rhode Island previously operated a fueling depot on 33 Sachem Road, East Providence, RI. The site was previously defined as a Leaking Underground Storage Tank (LUST) site. A comprehensive monitoring well project is currently in place. A single location has been identified at an elevated contaminant level and an excavation of that location is included in this project. Any contaminated soil or groundwater encountered must be managed in accordance with RIDEM's *Oil Pollution Control Regulations* and the RIDEM UST Regulations

III SCOPE OF SERVICES

1. Gasoline Tank:

Properly clean, fill with inert gas, remove, and dispose existing 6,000 gallon gasoline underground storage tank following DEM Tank Closure Protocol.

Remove all underground piping, fill, and pads related to existing 6,000 gallon underground gasoline storage tank. Remove all vent pipes associated with tank.

All petroleum contaminated soil to be removed under the direction of a qualified environmental consultant. Void created by tank to be replaced with clean fill to grade, compacted, loamed and seeded. Asphalt area subject to excavation to be replaced with clean compacted fill, and brought to finish grade with pavement as specified under Additional Specifications.

Contaminated soil to be stored in a secure area approved by this office, under DEM protocol.

For the purposes of this bid, please include a price for soil analysis, storage, transportation and disposal of a total of 500 cubic yards of petroleum contaminated soil. This soil is assumed to be generated from the East Providence DOT site. The total contaminated soil for bidding purposes is estimated at 500 cubic yards. Contaminated soil generated less than 500 cubic yards shall be given a credit to the state in cost per cubic yard. Please provide a line item per cubic yard for credit back to the state.

Contaminated soil exceeding 500 cubic yards shall be separately bid competitively. Total cost for less than 500 cubic yards to include replacement with clean compacted fill.

Should contaminated groundwater be encountered, provide a line item for temporary storage of petroleum contaminated groundwater via frac-tanks, analysis, and disposal. Price per gallon shall also include pumping contaminated groundwater from tank grave during tank removal.

Line Item 1 Cost per cubic yard credit less than 500 cubic yards _____ / Cu. Yd.

Line Item 2 Cost per cubic yard for removal, transport, stockpile, cover, and analysis of contaminated soil removed in excess of 500 cubic yards _____ /Cu. Yd.

Line Item 3 Cost per cubic yard for replacement of excavated material from both sites in excess of 500 cubic yards. _____ / Cu Yd.

Line Item 4 Cost per gallon for removal, storage, analysis, and disposal of petroleum contaminated groundwater. _____ /Gallon

Contractor responsible to retain services of DEM qualified consulting firm to oversee tank removal, prepare all closure documents, and prepare complete Tank Closure Report compliance with DEM UST Regulations (attached).

2. Diesel Tank

Remove existing 12,000 gallon double wall underground diesel fuel storage tank under DEM and Fire Marshal regulations at the East Providence DOT Maintenance Facility.

Remove all underground piping, fills, mats, and fuel dispenser island. Remove existing 12,000 gallon diesel underground storage tank. All petroleum contaminated soil to be removed under the direction of a qualified environmental consultant. All excavated areas to be replaced with clean fill, compacted, and brought to grade and paved in compliance with attached specifications.

Contaminated soil to be stored in a secure location identified by this office, under DEM protocol to eliminate runoff. Combined soil generated for bidding purposes is specified at 500 cubic yards total.

Soil exceeding the 500 cubic yard amount will be separately bid for analysis and disposal.

Contractor responsible for obtaining a qualified consultant to perform closure assessment, and all closure documents, for the DOT Maintenance Facility following DEM requirements.

3. Monitoring Well Removal

The groundwater monitor wells that are no longer in use must be closed in accordance with Section 8, Appendix 1 of RIDEM's *Groundwater Quality Rules* (June 2010). Section 8 states the following::

8. Abandonment of Monitoring Wells, Piezometers and Other Subsurface Borings

8.1 Monitoring wells, piezometers and other subsurface borings shall be abandoned in accordance with this Rule or alternate procedures approved in writing by the Director prior to abandonment. Abandonment shall take place within 60 days after use has been terminated or within a timeframe approved by the Director.

8.2 Abandonment Procedures for Monitoring Wells and Borings Constructed with an Annular Space:

8.2.1 The borehole shall be inspected from the land surface through its entire depth before it is sealed, to ensure against the presence of any obstructions that will interfere with sealing operations.

8.2.2 The casing shall be removed by pulling or overdrilling. If the casing can not be removed, the screen and casing shall be suitably perforated from top to bottom allowing for the plugging material (see Rule 8.2.3) to penetrate the annular space and formation. If the casing remains, it shall be cut off at least 4 feet below the ground surface where practicable.

8.2.3 The remaining casing or borehole shall be filled with neat cement or neat cement grout applied under pressure.

8.3 Abandonment Procedures for Monitoring Wells and Borings Constructed without an Annular Space:

8.3.1 The borehole shall be inspected from the land surface through its entire depth before it is sealed, to ensure against the presence of any obstructions that will interfere with sealing operations.

8.3.2 If the casing is to be removed, the remaining borehole shall be filled with neat cement or neat cement grout applied under pressure.

8.3.3 If the casing remains in the ground, it shall be cut off at least 4 feet below the ground surface. The remaining casing shall be filled with neat cement or neat cement grout applied by bottom-up tremie methods.

4. Hot Spot Soil Excavation and Disposal

Excavate petroleum impacted soil in the vicinity of monitor wells MW-1 and MW-6, from a depth of approximately 6 feet to 8 feet below grade (at and immediately above the zone of saturation) within an approximate area of 25 feet x 40 feet. Dewatering will not be performed. Impacted soils will be segregated for offsite disposal in accordance with the RIDEM UST Closure Assessment Guidelines for sites designated as GB groundwater. The excavation will be backfilled with clean soil brought onto the site. All petroleum contaminated soil to be removed under the direction of a qualified environmental consultant. All excavated areas to be replaced with clean fill, compacted, and brought to grade and paved in compliance with attached specifications.

A contractor provided environmental scientist will screen soils during excavation using a photoionization detector. Verification sampling will include fourteen sidewall and six bottom soil samples to be laboratory analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 8100M and Volatile Organic Compounds by EPA Method 8260.

The contractor will transport and dispose of approximately 300 cubic yards of petroleum impacted soil at a properly licensed landfill, as daily cover. Additionally the contractor will remove, stockpile, and dispose of the associated pavement material. The contractor will be responsible for all disposal related sampling, laboratory analysis, and obtaining approval for disposal from the appropriate facility.

All excavated contaminated soil or debris shall be stored, handled and disposed of in accordance with appropriate state and federal statutes, rules or regulations.

The contractor shall provide a report to include a site plan indicating the excavated area, laboratory reports, and all records indicating the final destination for all transported and disposed materials, the date of such shipment, and the person or company responsible for the transportation.

5. Additional Specifications

Asphalt replacement must match existing depth and grade.

The tanks may contain residue. The contractor is responsible for the proper disposal of any and all residues in accordance with all State and Federal regulations.

All removed asphalt and concrete will be disposed of by the contractor in accordance with State and Federal Regulations.

The contractor will be responsible for terminating all power to the fuel dispenser island.

The VeederRoot tank monitoring system will be removed and released to State Fleet.

Asphalt replacement must match existing depth and grade.

6. General Specifications:

All additional labor and materials to be included in proposed bid

Provide estimated time from start to finish

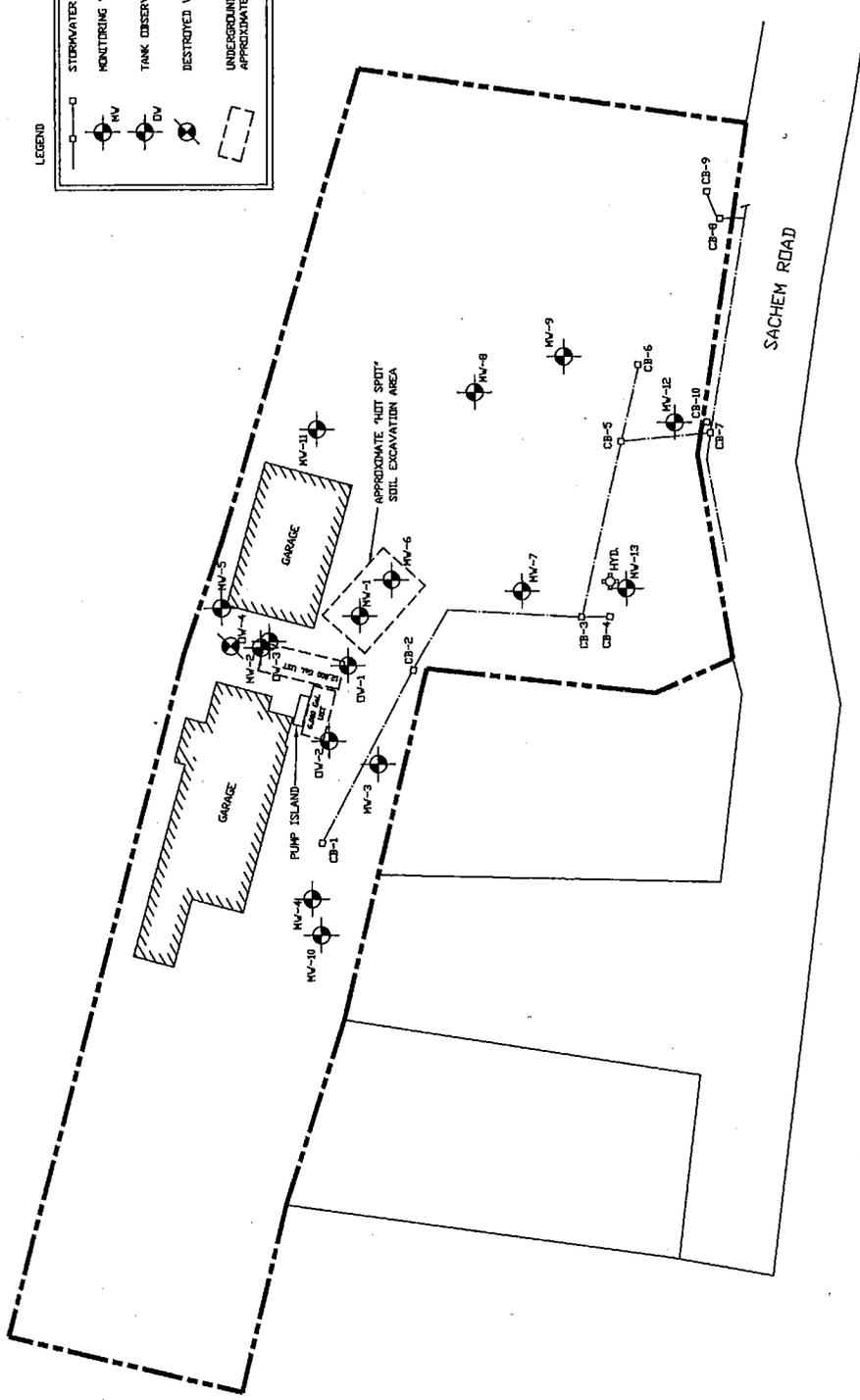
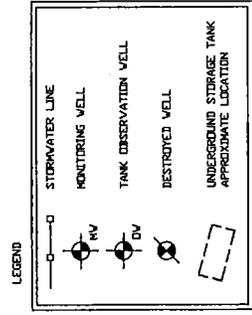
Vendor responsible to insure that installation meets all Federal, State, and Local Regulations

Start time will be Spring 2013.

The contractor must possess all required licenses as required by law and regulation as required by the RI Dept. of Labor and Training, and any other regulatory agency having jurisdiction in the state of Rhode Island.

QUALIFICATIONS STATEMENT SUBMISSION REQUIREMENT:

Experience and qualifications of the firm performing, including resumes of key individual whom will work on this project/contract are required. This includes resumes and experience of any firm that will be utilized on a sub-contracting basis for specific items of work.



REVISIONS MADE ON THIS PLAN WERE TAKEN FROM A SITE PLAN PREPARED BY PHOTONICS, INC. ON 6/17/2004.



JOB NO. 01.26997.0004
 DRAWN: 7/16/06
 REV: 12/19/12

SITE PLAN

DWG: SITEPLAN
 BY: JAM
 BY: SG

Cardno
ATC
 333 Washington Highway
 Simsbury, CT 06068
 Tel: (860) 251-3333 Fax: (860) 252-1130

31 SACHEM ROAD
 EAST PROVIDENCE, RHODE ISLAND