



State of Rhode Island
Department of Administration / Division of Purchases
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ADDENDUM #6

RFQ# 7598903 TITLE: RIDOT EAST PROVIDENCE SALT STORAGE FACILITY

SUBMISSION DEADLINE: 8/27/19 – 1:00 P.M.

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- Additional questions and respective responses are included in this addendum.
 1. Can you please clarify further item # 7 response in addendum # 4. For the purposes of bidding are we to carry in our base bid the costs of rammed aggregate piers and the dewatering treatment system costs per the RIPDES permit? **YES**
 2. Can you please provide bottom of footing dimensions? **REFER TO SHEET S-1**
 3. Does the contractor own design and layout of the rammed aggregate piers? **YES**
 4. Do the rammed aggregate piers design need to include the asphalt paving area or the building foundations only? **REFER TO SHEET S-1 /FOUNDATION NOTES 1**
 5. Is the methane monitoring requirement only during excavations? **REFER TO SPECIFICATIONS - CONSTRUCTION SOILS MANAGEMENT PLAN/3.2 SOIL MANAGEMENT**
 - Additionally, the following information is offered for clarification:

Allowance #1 – Disposal of Liquid Waste – 100 gallons

30 01 71 Disposal of Liquid Waste states 100 gallons of liquid waste disposal is included in the contract sum

This is an allowance for 100 gallons of liquid waste above the contract sum 100 gallons

Allowance #2 – Load, Haul, and Dispose Contaminated Soil – 150 tons

There is 750 tons on load, haul, and dispose contaminated soil in the 30 02 25 (see attached) included in contract sum

The allowance is for an additional 150 tons

Allowance #3 Dewater and Treatment Contaminated Groundwater – 40,000 gallons

There is an allowance for the 40,000 gallons of dewatering stated in 30 04 51 “Dewatering and Treatment – Areas with Contaminated Groundwater”

It is our understanding that this was included as an allowance after the rammed aggregate piers were included in the project

Allowance #4 Handling, Hauling, and Stockpile Management of Wet Contaminated Soil – 295 cy

Section 30 04 82 Handling, Hauling, and Stockpiling - Wet Contaminated Soil states the bid quantity shall be 325 cubic yards.

The allowance is for an additional 295 cy

- Section 30 02 25 Load, Haul, and Dispose Contaminated Soil specification attached.
- Question period has closed.

Lisa Hill

Lisa Hill
Assistant Administrator

SECTION 30 02 25
LOAD, HAUL, AND DISPOSE CONTAMINATED SOIL

DESCRIPTION: This item of work includes soil management, special handling, loading and hauling of contaminated soil, and disposal at the RIDOT approved disposal facility in accordance with RIDEM regulations for disposal of these materials and as directed by the RIDOT.

Contaminated soil has been identified throughout the East Providence Salt Shed project area. The work shall be performed in accordance with all appropriate sections of the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction, 2013 Edition all revisions, and the project's RIDEM approved 2019 Construction Phase Soil Management Plan (CSMP), and in compliance with all applicable permits.

HEALTH AND SAFETY PLAN: The Contractor shall produce and maintain a site-specific Health and Safety Plan (HASP) in compliance with Section 30 02 20, Health and Safety Requirements. The site-specific HASP shall be implemented as part of this work.

If visible dust is generated, the level of dermal and respiratory protection shall be determined based upon periodic air monitoring to be performed by the Contractor and the requirements of the Site-specific HASP and the Rhode Island Department of Environmental Management's Air Pollution Control Regulations. The RIDOT may conduct duplicate air monitoring for quality assurance purposes.

APPLICABLE LAWS AND REGULATIONS: The loading, hauling, and disposal of contaminated soil shall be conducted in accordance with all applicable Environmental Protection Agency (EPA) and the Rhode Island Department of Environmental Management (RIDEM) regulations, the RIDEM approved Construction Soil Management Plan (CSMP), and in compliance with all applicable permits.

The Contractor shall ensure that compliance with applicable regulations is maintained during all loading, hauling, and disposal operations. The Contractor shall be required to maintain an operations log during the loading, hauling, and disposal activities to include, but not be limited to, dates of activities, soil management observations, estimated volumes loaded and hauled for offsite recycling/disposal, the recycling/disposal facility the contaminated soil was transported to and paperwork documenting lawful off-site disposition. In addition to the above, the Contractor is responsible for erosion and pollution controls in accordance with local, State and Federal regulations as well as what is included in the Contract Documents. The Contractor shall submit a summary report to the RIDOT on a daily basis to document the operations associated with loading, hauling, and transportation activities.

SUBMITTALS: The Contractor shall be required to submit a Soil Management Plan in accordance with the Section 30 02 05 Contaminated Soil Excavation submittal requirements that includes their proposed soil management methodologies during the project. The Contractor's Soil Management Plan shall include their proposed excavation, loading, hauling, and stockpiling of soil methodologies to be utilized during the project. The RIDEM approved Construction Soil Management Plan (SMP), prepared by Gordon R. Archibald, Inc., dated March 2019 and all revisions; is provided in the Contract Specifications for reference.

The Contractor shall dispose of all contaminated soil at a disposal facility licensed to accept the material. Prior to the commencement of any on-site activities, the Contractor shall submit to RIDOT a list of proposed contaminated soil receiving facilities, along with copies of each facility's license and permit. RIDOT approval of the proposed contaminated soil receiving facilities shall be required prior to any contaminated soil disposal.

Prior to the commencement of any on-site activities, the Contractor shall submit to RIDOT a list of proposed contaminated soil transporters, along with copies of each transporter's license and permit. RIDOT approval of the proposed transporter shall be required prior to any contaminated soil transportation.

The Contractor shall provide two copies of the receiving facility approval for the disposal of contaminated soil at the facility to the RIDOT a minimum of three days prior to the loading, hauling, and disposal of contaminated soil at the facility.

The Contractor shall provide two copies of contaminated soil manifest/bill of lading that require RIDOT signature as the waste generator to the RIDOT a minimum of three days prior to the hazardous waste being loaded, hauled and transported for off-site disposal. The RIDOT shall sign and return the contaminated soil manifest/bill of lading to the Contractor one day prior to the contaminated soil being transported for disposal.

The Contractor shall maintain copies of the contaminated soil operational log. The operational log shall be submitted to the RIDOT daily.

Hauling Slips: The Contractor shall prepare slips to document the transportation of the contaminated soil from the project to the final disposal site. The slips shall, as a minimum, list the following information: date, truck identification, truck driver's name, approximate quantity of soil hauled, weight, disposal location, and the RIDOT's representative's signature. These slips will be prepared in duplicate. The Contractor shall retain one copy, and the second copy will be given to the RIDOT at the end of each day in which soil is hauled.

Copies of all Bill of Ladings, manifests, disposal facility weight slips and any other disposal related documents shall be provided to the RIDOT within 5 days of the disposal work being completed.

EQUIPMENT/MATERIALS: The Contractor is required to have the necessary personal protective equipment available as specified in the Contractor's site-specific Health and Safety Plan and shall have access to an inventory of personal protection equipment in the event that the level of personal protection equipment needs to be upgraded.

CONTAMINATED SOIL LOADING, HAULING, AND DISPOSAL: The Contractor may choose and implement any effective and lawful method for loading, hauling, and disposing of contaminated soil encountered, excavated and/or stockpiled in the work area provided all work is performed in accordance with the project documents and the RIDOT approved documents, outlined in the Contract Documents. The Contractor shall assume all responsibility for the adequacy of the methods, materials, documentation, and equipment employed.

The Contractor shall supply and utilize all required equipment to adequately complete the contaminated soil loading, hauling, and disposal. During contaminated soil loading dust, erosion and sedimentation control best management practices shall be installed around the loading areas to minimize the effects of erosion and surface run-off. Erosion control devices shall be installed as shown on the Plans or as directed by the RIDOT.

Free liquids shall not be present in the contaminated soil transported for off-site disposal. The Contractor shall be responsible for confirming that free liquids are not present in contaminated soils transported for off-site recycling/disposal. The Contractor shall be responsible for all costs related to off-site impact from free liquids present in contaminated soil being transported for off-site disposal including, but not limited to, regulatory compliance, fines and penalties, and response actions.

While engaged in contaminated soil loading and hauling the Contractor shall be subject to on-site inspection by RIDOT representatives. If the work is in violation of the requirements of this specification, RIDOT will issue a stop work order to be in effect immediately and until the violation is resolved. Standby time and expenses required to resolve the violation shall be at the Contractor's expense.

The Contractor shall be responsible for obtaining all necessary permits, manifests, and bill of lading documentation in conjunction with contaminated soil loading, hauling and disposal; and shall provide timely notification of such actions as may be required by applicable federal, state regional, and/or local authorities. RIDEM shall be notified within 24 hours if an unexpected change of conditions is encountered related to the presence of hazardous wastes or material encountered at the site.

The Contractor shall classify excavated contaminated soil as "Wet" or "Dry". Wet contaminated soil is defined as soil that is excavated from at or below the groundwater table and has a moisture content that does not comply with the disposal/recycling facility's moisture content acceptance criteria. Dry contaminated soil is soil excavated from above the groundwater table and has a moisture content that complies with the disposal/recycling facility's moisture content acceptance criteria. Dry contaminated soil that does not comply with the disposal/recycling facility's moisture content acceptance criteria shall be considered wet contaminated soil.

Excavated wet contaminated soil shall require stockpiling and dewatering in accordance with Section 30 04 82 Handling, Hauling, and Stockpiling of Wet Contaminated Soil prior to disposal at the RIDOT approved disposal facility.

Dry contaminated soil shall not be stockpiled on-site. Dry contaminated soil shall be excavated, loaded, and hauled to the RIDOT approved disposal facility.

The Contractor shall be responsible for all costs including but not limited to labor, laboratory analytical, application fees, and federal, state, and local regulatory fees associated with classifying contaminated soil for disposal at the RIDOT approved disposal facility. The Contractor shall be responsible for pre-classifying the dry contaminated soil for direct loading, hauling, and beneficial reuse/disposal shall include collecting any additional soil samples, the laboratory analysis of the additional soil samples, preparing any submittals required by the RIDOT approved disposal facility, and obtaining approval for disposal at the RIDOT approved disposal facility. The Contractor shall be responsible for classifying the wet contaminated soil for loading, hauling, and disposal shall include collecting any additional soil samples, the laboratory analysis of the additional soil samples, preparing any submittals required by the RIDOT approved disposal facility, and obtaining approval for disposal at the RIDOT approved disposal facility. The Contractor shall submit a copy of the RIDOT approved disposal facility acceptance for the disposal of contaminated soil at the facility to the RIDOT. Where specifications, requirements, and reference documents vary, the more stringent requirements shall apply.

METHOD OF MEASUREMENT: Section 30 02 25 "Load, Haul, and Dispose Contaminated Soil" will be measured for payment by the "Ton" actually loaded and hauled and disposed in accordance with the Contract Documents and/or as directed by the RIDOT. The number of tons will be determined from weight slips, generated by the receiving disposal facility or other Contractor provided scale approved by the RIDOT.

BASIS OF PAYMENT: Section 30 02 25 "Load, Haul, and Dispose Contaminated Soil" bid quantity is 750 tons. Payment for this section, within the bid quantity, shall not be paid for separately. Payment is included in the "**contract sum**" listed in the Bid Proposal Form. The portion of the "**contract sum**" shall constitute full and complete compensation for all labor, materials, tools, and equipment and all other incidentals required to complete the work as described in the Contract Documents, complete in place and accepted by the RIDOT.

In accordance with the above stated method of measurement, should the "Load, Haul, and Dispose Contaminated Soil" quantity exceed the bid quantity of 750 tons, the Contractor will be paid as discussed in the Contingency section of the Contract Documents. The unit price per ton shall constitute full and complete compensation for all labor, materials, tools, and equipment and all other incidentals required to complete the work as described in the Contract Documents, complete in place and accepted by the RIDOT.

Final payment for "Load, Haul, and Dispose Contaminated Soil" will not be made until all disposal documentation including but not limited to manifests and/or bills of lading and disposal receipts have been submitted and approved by the RIDOT.