

City of East Providence  
Department of Public Works – Engineering Division  
145 Taunton Avenue, East Providence RI 02914

Booth Avenue Slope Stabilization  
0 Booth Avenue  
RFP EP23/24-33

Addendum No. 1  
August 5<sup>th</sup>, 2024

TO ALL CONTRACTORS ESTIMATING:

Bidders are hereby informed that plans and specifications for the above mentioned contract are modified, corrected, and/or supplemented as follows and Addendum No.1 becomes part of the Contract Documents and consists of Item 1.1 through 1.8.

**PRE-BID MEETING SIGN-IN AND QUESTIONS**

1.1 Sign-In sheet of the Pre-bid meeting held on July 30, 2024, is attached to this addendum, and included in Addendum No. 1, Attachment 1.

**PRE-BID MEETING QUESTIONS AND ANSWERS**

**1.2 Q: “Who should the bid/bond be made out to?”**

A: City of East Providence

**1.3 Q: “What is the anticipated schedule for the project?”**

A: Work shall be substantially complete within 180 days of the Notice to Proceed and final completion within 240 days of the Notice to Proceed.

**1.4 Q: “Will time be allowed for a winter shut-down?”**

A: A winter shut-down is not anticipated to be necessary however if adverse weather conditions are present during construction of the project the City will allow the contractor to request time extensions. No contract time extensions are guaranteed and will be at the discretion of the City.”

**1.5 Q: “Will the City pre mark/monument the existing property boundaries?”**

A: It is the responsibility of the contractor to determine property boundaries prior to starting work.

**1.6 Q: “Is there an allowance or means for disposing of any over excavated material or contaminated material?”**

A: See specifications section below.

**SPECIFICATIONS**

1.7 Specification Section 01150 – Measurement and Payment, Section 1.9, Item 11 Allowance for Unforeseen Conditions, Paragraph A.1, line 4 **ADD** “disposal of unsuitable materials not shown on the plans”

1.8 Division 02 – **ADD** “Specification Section 02075 Contaminated Soil Management”.

**DRAWINGS**

None

**Addendum No. 1**  
**Attachment 1 – Pre-bid Meeting Sign In**

0 Booth Ave – East Providence, RI  
 PRE BID SIGN-IN-SHEET

BID OPENING LOCATION: 55 Booth Ave  
 BIDS DUE DATE/TIME: 11 am 7/30/2024

Name	Organization Name	Phone Number	Email
Tom Synabro	C.B. Utility	401-487-7590	tsimbro@cb-utility.com
Davit Zumbo	RIION	831-860-8506	Dzumbo@RIION USA, COM
Ludy Diene	Diene Inc.	401-282-9675	diene@dieneinc.com
Franklin Cruz	Manafort Brothers	401-965-4721	Pdelegan@manafort.com
NICK VER	VER CORP.	401-783-8583	NICK VERCORP CONSTRUCTION, COM
Josh Dallsander	Sum Co Eros-Contracting	908-307-2276	estimating@sumco.co.com
Jim Ward	William Anthony	401-294-2320	jim@waweranthony.com
Eric Mangasano	Lucinos Excavation Inc	401-578-7911	eric@l-einc.com
Jessica Lamprey	City of EP		jlamprey@eastprovidenceri.gov

**Addendum No. 1**  
**Attachment 2 – Section 02075 Contaminated Soil Management**

SECTION 02075

CONTAMINATED SOIL MANAGEMENT

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 REFERENCES

- A. All work specified in this Section shall conform to “Standard Specifications for Road and Bridge Construction” of the Rhode Island Department of Transportation, latest revision, herein referred to as “State Standards” or “Standard Specifications”.
- B. All work specified in this Section shall be in accordance with the Rhode Island Department of Environmental Management (RIDEM) “Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases”, 250-RICR-140-30-1 (aka the “Remediation Regulations”).

1.03 SUMMARY

- A. Work under this Section includes all labor, materials, equipment, supervision and supplies necessary for the excavation, segregation, handling, temporary stockpiling, loading, transportation and off-site management of contaminated soils to the limits indicated on the Contract Drawings and/or as directed by Owner or Engineer, in accordance with applicable laws and regulations.
- B. Soils to be excavated under this project may have been impacted by metals and petroleum based contaminants typical of urban fill, as well as underlying native soils. Native soils may also be impacted by these contaminants. All soil excavated for this project shall be presumed contaminated unless demonstrated otherwise through characterization. Soil that cannot be used in refills on the site shall be temporarily stockpiled, sampled, and analyzed to determine if offsite disposal is required.
- C. Contractor shall make every effort to prioritize the onsite reuse of contaminated soils in meeting proposed finished grades while minimizing surplus contaminated soil that requires offsite disposal, so long as material is not deemed unsuitable as otherwise specified in these Contract Documents.
- D. Contractor is solely responsible for clean-up, removal, and disposal of contamination generated by their operations, at no additional expense to Owner.
- E. Proper controls for worker health and safety protection shall be taken during soil excavation, handling, and management in accordance with Contractor’s Health and Safety Plan and applicable laws and regulations.
- F. Related Sections include:
  - 1. Section 01065 Project Safety and Health Specifications

2. Section 02200 Earthwork
3. Section 02260 Filter Fabric
4. Section 02270 Temporary Erosion Control

#### 1.04 APPLICABLE LAWS AND REGULATIONS

- A. The Contractor is advised that Work under this Section shall be performed in accordance with applicable RIDEM regulations that pertain to the Work described herein, including but not limited to the Remediation Regulations, Solid Waste Regulations, and Rules and Regulations for Hazardous Waste Management.
- B. Work under this Section shall be performed in strict compliance with all other applicable Federal, State, and local laws, rules, regulations related to the handling and off-site management of excess urban fill and soil.
- C. Pertinent Federal and State Authorities having jurisdiction over this project include:
  1. Occupational Safety and Health Administration (OSHA)
  2. U.S. Environmental Protection Agency (EPA)
  3. RIDEM
- D. The following OSHA regulations apply:
  1. Occupational Safety and Health Standards, Hazardous Waste Operations and Emergency Response - 29 CFR 1910.120.
  2. Safety and Health Regulations for Construction - 29 CFR 1926.

#### 1.05 SUBMITTALS

- A. Submittals shall be made in accordance with Section 01300 Submittals, except as noted herein.
- B. No excavation work will be permitted to proceed until the required submittals have been reviewed and approved by the Engineer. In the event the Engineer requests additional information, it shall be the Contractor's responsibility to provide such additional information in a complete and timely manner to avoid delays in project performance.
- C. Submit required certifications demonstrating that personnel are properly trained and qualified to perform the Work in accordance with applicable OSHA regulations and all laws governing the Work.
- D. Submit names and qualifications of any proposed subcontractors that will be engaged in contaminated soil excavation, handling, management, and hauling.
- E. Provide information pertaining to each disposal facility used for offsite soil disposal. This includes evidence that the facility is fully permitted to receive such contaminated materials, that the facility is not currently under administrative order for environmental or operating violations, and is willing to accept the specified contaminated soil. This includes the facility's acceptance criteria and required sampling frequency.
- F. Submit all hauling and disposal/treatment facility paperwork within 30 days of hauling material offsite. Such paperwork may include, but not necessarily be limited to, facility approval, manifests, bills of lading, weight slips, disposal certificates, and tracking summary reports.

- G. Approval of submittals by the Engineer shall not impose any liability upon the Engineer, nor shall any such approval relieve the Contractor of his/her responsibilities to meet all of the requirements and comply with all applicable laws, regulations, and other applicable requirements under this Contract.

#### 1.06 EXISTING ENVIRONMENTAL CONDITIONS INFORMATION

- A. It is hereby understood that the Contractor has carefully examined the site and all conditions affecting work under this Section. No claim for additional costs will be allowed because of lack of full knowledge of existing conditions.
- B. The Contractor shall satisfy him/herself as to the environmental conditions existing at the Site, the type of equipment required to perform the Work, and the quality and quantity of the materials to be removed.
- C. Failure of the Contractor to become fully acquainted with the available information will not relieve him/her of the responsibility to completely and properly perform the work in full compliance with the Contract Documents. The Engineer assumes no responsibility for any conclusion or interpretation made by the Contractor on the basis of information made available by the Engineer.
- D. Plans, surveys, measurements, and dimensions, under which the work is to be performed, are believed to be correct based on best available knowledge, but the Contractor shall have examined them for him/herself during the bidding period, as no allowance will be made for any errors or inaccuracies that may be found herein.
- E. Data on indicated subsurface conditions are not intended as representations or warrants of continuity of such conditions between soil borings or test pits. It is expressly understood that the Owner will not be responsible for interpretations or conclusions drawn therefrom by the Contractor.
- F. The Contractor is responsible to employ qualified personnel capable of interpreting geotechnical information, test pit logs, and soil samples. Contractor is responsible for the health and safety of its workers related to working in and with onsite soils.
- G. The Contractor may request to perform additional borings or test holes and other explorations at no cost to the Owner.
- H. The Contractor shall be made aware that miscellaneous debris has been encountered on some parts of the site. Some areas of the site have been disturbed from past construction by others, but Contractor should anticipate encountering miscellaneous debris in some parts of the site.

#### 1.07 SITE HEALTH AND SAFETY

- A. The Contractor is solely responsible for controlling site health and safety. In the performance of its Work, the Contractor shall provide for the safety of all Contractor personnel, other Contractors' personnel, regulatory agency personnel, and the public for the duration of the Contract.
- B. Contractor is solely responsible for his/her construction means and methods.
- C. The Contractor's Health and Safety Plan (HASP) shall address identified contaminants of concern for the Work under this Contract. To the extent applicable, such plan shall conform to the

requirements of OSHA 1910.120 and all other federal, state, and local laws. Contractors that work with or have the potential to be exposed to Contaminated Materials (Soil, Groundwater, or Debris) in the course of construction activities shall meet the appropriate environmental health and safety requirements, as defined by OSHA and other federal, state and local laws.

## 1.08 DEFINITIONS

- A. Clean Soil: Clean soil is defined in Section 1.4(A)(12) of the Remediation Regulations as “soil that has not been impacted, contaminated, adversely affected, or subject to a Release of Hazardous Materials, state or federally defined Hazardous Waste, petroleum, asbestos, polychlorinated biphenyls (PCBs), radioactive materials or solid waste.” Section 1.4(12)(A) further states that clean soil shall meet the following criteria:
1. RIDEM Method 1 Residential Direct Exposure Criteria Table 1, § 1.9.2(C)(2); and
  2. The TPH direct exposure, and leachability criteria, of 500 parts per million (ppm); and
  3. All other state and Federal requirements specific to petroleum, asbestos, radioactive materials, PCBs, solid waste and other criteria as determined by RIDEM.
- B. Contaminated Groundwater: Groundwater determined by analytical results to contain reportable concentrations of hazardous substances in excess of the groundwater objectives identified in Tables 3 and 4 of Rule 1.9.3(F)(4) and (5) of the Remediation Regulations, or if not specified in Tables 3 and 4 of Rule 1.9.3(F)(4) and (5) are present in an amount and concentration which represents a significant potential to cause an acute or chronic adverse effect on human health or the environment, or there is reasonable cause to believe that a discharge or release has occurred which may result in an exceedance of any appropriate groundwater objective.
- C. Contaminated Soil: Soil or fill determined by analytical results to contain reportable concentrations of hazardous substances in excess of the soil objectives identified in Tables 1 and 2 of Rule 1.9.2(C)(2) and (3) of the Remediation Regulations, or if not specified in Tables 1 and 2 of Rule 1.9.2(C)(2) and (3) are present in an amount and concentration which represents a significant potential to cause an acute or chronic adverse effect on human health or the environment. Contaminant levels for total petroleum hydrocarbons (TPH) are as set forth in Section 1.9.2(B)(4) of the Remediation Regulations. Hazardous Waste Soil is also Contaminated Soil.
- D. Hazardous Waste Soil: Soil or fill that meets the definition of hazardous waste established by the Section 1.5(A)(37) of the RIDEM Hazardous Waste Regulations (listed or characteristic hazardous waste) in addition to any hazardous waste defined as a Rhode Island Hazardous Waste in Section 1.5 of the RIDEM Hazardous Waste Regulations. Hazardous Waste Soil shall be managed in accordance with the RIDEM and USEPA Hazardous Waste Regulations in addition to the Site Remediation Regulations as appropriate or required by law.
- E. Special Handling: Methods used to excavate, collect, grade, load, move, transport, stockpile, dispose, or otherwise manage a contaminated material or Contaminated Soil are such that: (1) the spillage, loss, co-mingling, or uncontrolled deposition of such material is minimized; (2) personal exposure to contaminants present in such a material are minimized; (3) the adverse impacts to the community and the surrounding environment from contaminants present in such material are minimized; and (4) all applicable regulatory requirements applicable to such activity are satisfied.



## PART 2 PRODUCTS

### 2.01 GENERAL

- A. Provide all employees of the Contractor and Subcontractors with personal protective equipment (PPE) consistent with the levels of protection required for this work, in accordance with Contractor's HASP.

### 2.02 ON-SITE SOIL MATERIALS

- A. The Contractor may reuse excavated on-site material for fill and backfilling, beneath the engineered barrier (cap), where the material excavated is satisfactory and conforms with the specified gradation requirements of Div 02

### 2.03 IMPORTED MATERIAL ACCEPTANCE

- A. All imported earth materials specified in this section shall be in accordance with Section 02200 – Earthwork and subject to the following requirements:
  - 1. Materials imported to the site by the Contractor for on-site use shall not contain oil and/or hazardous materials. Contractor shall provide Owner with analytical results from a laboratory accredited in the State of Rhode Island indicating that imported soil materials proposed for this project meet R DEC listed in the RIDEM Remediation Regulations. Sampling and analysis shall be from each type and source of imported material and shall be at a minimum frequency of one sample per 500 cubic yards.

### 2.04 GEOTEXTILES

- A. Non-Woven Geotextile/Filter Fabric (Class 3): Geotextile fabric shall be nonwoven and needle punched pervious sheets of polyester, polyethylene, nylon, or polypropylene filaments formed into a uniform pattern conforming to AASHTO M288 Class 3 Non-Woven. The Geotextile fabric used in the engineered barrier shall be orange in color to provide a clear visual warning.
- B. Refer to Div 02 additional requirements.

## PART 3 EXECUTION

### 3.01 GENERAL

- A. It is the responsibility of the Contractor under this Contract to do the necessary excavation, filling, grading, and rough grading to bring the existing grades to subgrade and parallel to finished grades as specified herein and as shown on the Drawings for this Work. The Contractor will encounter and have to properly handle and manage contaminated soils as part of this Work. The Contractor shall visit the site prior to submitting a bid to become familiar with the extent of the work to be done under this Contract. The Contractor shall be responsible for determining the quantities of earth materials that must be imported or hauled off the site necessary to complete the work under this Section. All imported earth materials required for the project shall be included in the Contractor's base lump sum bid unless measurement and payment is specified otherwise.
- B. Provide adequate barriers and demarcation of excavations and exclusion zones to warn workers and visitors of potential hazards.

- C. Take appropriate means, including erosion and dust controls, to prevent a release or the spread of contaminated soils or groundwater as a result of Contractor's operations. The Contractor shall be responsible for visual inspections for fugitive dust emissions. Real time dust monitoring with dust meter may be performed by Owner, or required to be performed by Contractor, should fugitive dust emissions become a concern at the site.
- D. Contractor is responsible for tracking all contaminated soils from excavation to stockpiling to final offsite disposal. Contractor shall maintain appropriate field records to provide for this material tracking.
- E. Contaminated soil management shall conform to the, stipulations made by RIDEM in their applicable laws and regulations.

### 3.02 PREPARATION

- A. Excavated material may require temporary stockpiling until the area has been prepared in accordance with the Contract Documents, to allow the material to dry prior to placement and prior to off-site management. The Contractor shall prepare a temporary soil stockpile area subject to Owner approval.
- B. Provide site perimeter and temporary stockpile erosion control measures as specified in the drawings, Soil Erosion and Sediment Control (SESC) Plan prepared for the site, and as required by Owner.

### 3.03 DUST CONTROL

- A. The Contractor is responsible for monitoring the Work for overt evidence of airborne particulates (dusts) emanating from the Work area. It shall be the Contractor's responsibility to visually monitor the work area for dust emissions. No visual dust emissions will be permitted during earthwork.
- B. The Contractor shall take appropriate measures to control dust and odors at the site. The Contractor must provide all reasonable precautions to prevent excessive dust generation during soil handling activities, and the Contractor's work must comply with all applicable federal, state, and local regulations including the RIDEM Air Pollution Control Regulations, and specifically 250-RICR-120-05-5, Fugitive Dust.
- C. Implement fugitive dust suppression to prevent unacceptable levels of dust resulting from handling of contaminated soils. Dust suppression methods will be subject to Owner approval. Contractor shall supervise dust control measures and monitor fugitive dust migration as required.

### 3.04 EXCAVATION AND STOCKPILING OF CONTAMINATED SOIL

- A. Perform excavation in accordance with the requirements of Section 02200 – Earthwork, and this section.
- B. Surplus contaminated soils that require removal and offsite disposal shall be stockpiled on site so that the material can be adequately characterized prior to disposal. Contractor shall maintain stockpiles onsite for such time as required to obtain acceptance for offsite material disposal.

- C. Stockpiles shall be placed on a minimum of two (2) layers of 6-mil polyethylene sheeting and covered with polyethylene sheeting to prevent erosion and dust migration. Sheeting shall be properly secured such that it remains fully intact during inclement weather conditions.
- D. Place, grade, and shape stockpiles to drain surface water. Stockpiles shall be surrounded by haybales and silt fencing or straw wattles in accordance with project details.
- E. All stockpiled soil shall be either reused on site or transported from the site as soon as possible. In no case shall contaminated soils be stockpiled onsite for more than 90 days. Offsite storage of contaminated materials is not permitted without prior written approval of Owner.
- F. Contractor shall assess what portion of the excavated materials may be suitable for on-site reuse beneath the proposed engineered barrier, in accordance with project specifications and subject to Owner approval. Contractor shall prioritize reuse of excavated material before offsite disposal, when possible.
- G. If directed by Owner, material observed to be characteristically different from other excavated contaminated soil shall be segregated and stockpiled out of the immediate work area, in a location acceptable to Owner, on 20-mil polyethylene sheeting. Owner shall arrange to have the material promptly characterized and will provide analytical results to Contractor for use in arranging for appropriate off-site management.

### 3.05 TRANSPORT AND DISPOSAL OF CONTAMINATED SOIL

- A. It is anticipated that surplus contaminated soils can be disposed of at the RIRRC Central Landfill, but the Contractor shall be solely responsible for coordinating and obtaining treatment/disposal/reuse facility approval as well as for loading, transport, and ultimate disposal of contaminated materials at the facility. No claim for delay will be considered based upon the facility failing to meet the Contractor's production schedule. No payments will be made for rejected loads.
- B. Contractor shall provide each proposed receiving facility acceptance criteria and sample frequency requirements to Owner for review. Owner shall approve of the disposal outlet(s) selected by Contractor. Facilities shall be in compliance with Federal, State, and Local codes and regulations.
- C. Contractor shall collect composite samples of stockpiled material for waste characterization analysis at the frequency required by the disposal outlet(s) and provide the required paperwork and documentation to obtain material acceptance. Sample analysis shall be consistent with the requirements of each disposal outlet proposed by Contractor.
- D. Upon receipt of the final approval from the treatment/reuse/disposal facility, the Contractor shall forward a copy of said approval to Owner. No payments will be made for unauthorized loads hauled to any facility.
  - 1. Provide facility name, address, contact name and phone number, and licenses of each facility proposed to be used for offsite disposal or treatment of contaminated soil.
  - 2. Provide written confirmation that facility is licensed and permitted to accept the material, and that they have accepted the material in the general quality and quantity anticipated.

- E. Manifests and shipping papers shall be prepared by Contractor and provided to Owner for review in advance of transporting material offsite. The Owner will sign all off-site management documentation, including waste profiles as generator but Contractor shall sign manifests and shipping papers accompanying each load as the authorized Owner's Representative.
- F. Contaminated Materials shall be loaded for transport to the treatment/reuse/disposal facility following receipt of the approval letter by the facility and after receiving all completed transportation documentation. It shall be the Contractor's responsibility to comply with applicable over-the-road Local, State, and Federal ordinances, rules, laws, and regulations.
  - 1. Provide name and address of each firm transporting contaminated soil, including proof of permit, license, or authorization to transport hazardous materials in all affected jurisdictions.
- G. The Contractor shall promptly load, manifest, and transport the contaminated material to the authorized facility(ies). Contaminated soil shall be loaded into properly licensed and permitted vehicles. Material shall be transported directly to the receiving facility.
- H. Transport of material shall be in accordance with applicable state, federal, and local regulations.
- I. There can be no free liquids present in the soil loaded for transport offsite. Contractor shall not load wet soils for transport. If free liquids develop during transport, Contractor shall be responsible for proper collection and disposal, if required.
- J. All contaminated soil transported on public roadways shall be covered to minimize fugitive dust.
- K. Where necessary, a decontamination pad for truck tire and undercarriage decontamination shall be employed to minimize tracking of contaminated soil onto public roadways if crushed stone construction entrances are ineffective at mitigating the tracking of soils offsite. Contractor shall be responsible for maintenance and operation of the decontamination pad and shall collect, treat, and dispose of decontamination pad wash water, if necessary. Contractor shall remove and properly dispose of decontamination pad at the end of the Work.
- L. The Contractor shall be responsible for providing certified weight slips (both tare and gross) and signed manifests to Owner of the actual quantities of material subject to off-site disposal/treatment. These weight slips will be used for payment purposes as well as for reporting remedial activities to the RIDEM.

### 3.06 CLEAN FILL

- A. Contractor will be required to demonstrate that all imported fill material brought onto the site, or any onsite material proposed to be reused as clean fill, is free of contaminants exceeding the R DEC listed in the RIDEM Remediation Regulations.
  - 1. Contractor shall identify source of all imported soil and fill materials proposed for use on the project.
  - 2. Imported and/or onsite soils proposed for reuse shall be sampled and analyzed at a minimum frequency of one sample per 500 cubic yards, and at least two samples shall be analyzed for each type of material and source. Analysis shall be performed by a laboratory certified in the State of Rhode Island.
  - 3. Contractor shall furnish certificates of analysis and chain of custody documentation of all soil sampling and analysis and shall certify that the material meets project requirements

through comparison to the concentrations of RIDEM R DEC, including that it meets all other physical requirements stipulated elsewhere in the project specifications.

4. No imported materials shall be delivered to the site until the proposed source and Owner has accepted material tests submitted by Contractor.
5. Additional requirements shall be in accordance with Section 02200 – Earthwork.

END OF SECTION