

March 18, 2014

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7548524

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2014-CH-045

FEDERAL-AID PROJECT NO. FAP Nos: HPP-4858(003)

Reconstruction of Two Mile Corner - Stormwater Management Facility

O'Neil Boulevard at Bailey Brook

CITY/TOWN OF Middletown

COUNTY OF NEWPORT

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. General Provisions Construction Specific

1. Notice to Contractors

Delete Page CS-4 in its entirety and replace it with revised Page CS-4 (R-1), and insert new Page CS-4a attached to this Addendum No. 1. Paragraph I Soil Management has been revised.

2. Sequence of Construction and Schedule

Delete Page CS-5 in its entirety and replace it with revised Page CS-5 (R-1) attached to this Addendum No. 1. Bullet (l) has been added.

B. Specifications Job Specific

1. Special Provision Index

Delete Page i in its entirety and replace it with revised Page i (R-1) attached to this Addendum No. 1. The index has been revised.

2. Code 202.9902 - Handling, Hauling, and Stockpiling Contaminated Soils

Delete Pages JS-5 through JS-9 in their entirety and replace them with revised Pages JS-5 (R-1) through JS-9 (R-1) attached to this Addendum No. 1. The Job Specific Specification has been deleted.

3. 202.9999 - Erosion Control (Stockpiling Contaminated Soils)

Delete Page JS-10 in its entirety and replace it with revised Page JS-10 (R-1) attached to this Addendum No. 1. The Job Specific Specification has been deleted.

4. 938.1000 Price Adjustments

Delete Page JS-35 in its entirety and replace it with revised Page JS-35 (R-1) attached to this Addendum No. 1. The Base Price of Diesel Fuel has been revised.

5. Section 202 - Excavation and Embankment

Insert new Pages JS-41 through JS-44 attached to this Addendum No. 1. Section 202 Excavation and Embankment has been amended.

C. Distribution of Quantities

1. Table of Contents - Distribution of Quantities

Delete Pages Index 1 through Index 2 in their entirety and replace them with revised Pages Index 1 (R-1) through Index 2 (R-1) attached to this Addendum No. 1. Item Code 202.0700 has been revised and Item Code 202.9902 has been deleted.

2. 202.0700 - Common Borrow

Delete Page 1 in its entirety and replace it with revised Page 1 (R-1), and insert new Page 1a attached to this Addendum No. 1. Item 004 has been revised.

3. Code 202.9902 - Handling, Hauling, and Stockpiling Contaminated Soils

Delete Page 2 in its entirety and replace it with revised Page 2 (R-1) attached to this Addendum No. 1. Item No. 006 has been deleted.

D. Drawings/Plans - Change/Addition

1. Miscellaneous Details 1

Delete Sheet 18 in its entirety and replace it with revised Sheet 18 (R-1) attached to this Addendum No. 1. The Detention Basin Berm Section has been revised.



RI Department of Transportation
Chief Engineer

E. Erosion and Sediment Control

The Storm Water Pollution Prevention Plan (SWPPP) details the anticipated erosion & sediment controls required for this project. The Contractor must designate a SWPPP contact person, experienced in storm water management on large construction sites, who is available on site throughout the life of the project, and who has the authority to direct contractor's personnel and/or subcontractor's personnel in carrying out corrective actions requested by RIDOT's SWPPP Inspector and/or Resident Engineer. The Contractor's designated SWPPP contact person must be available to oversee all SWPPP related activities and to accompany the RIDOT's SWPPP Inspector, as requested, when inspections are performed. The Contractor shall identify the SWPPP contact person at the Pre-Construction Meeting. The SWPPP contact person should be at the Pre-Construction Meeting if possible.

F. Unit Bid Item and Lump sum Bid Item Payments

For requirements and work described in the Contract Documents but not expressly identified to be measured separately for payment, the costs thereof shall be included in the contract bid prices of the items of work to which they pertain as listed in the Proposal.

G. Mobilization and Demobilization

To clarify Section 936 Mobilization and Demobilization, the RIDOT will not withhold retainage in accordance with Section 109.06 Partial Payments of the Standard Specifications.

H. Storage Of Construction Material and/or Equipment

The Contractor shall place all equipment and material in his/her field yard or on site in a location approved by the Engineer.

Storage of materials on Town property shall be coordinated with the Town and approved by the Engineer. Storage of construction material and/or equipment shall be a minimum distance of 30 feet from the roadway.

Stockpiles shall be covered and must be located outside any areas of RIDEM jurisdiction including but not limited to wetlands and their associated buffers. Any storage or stockpile of construction material and/or equipment on private property will be the Contractor's responsibility.

There shall be no storage of construction equipment and/or parking of vehicles under the drip lines of any trees.

I. Soil Management

The on-site soil is contaminated and must remain on-site. On-site soil characterization or testing is not required. The Contractor must excavate and immediately use the excavated soil as fill material. The berm shall be constructed of on-site borrow and imported low permeability core material (see Code 202.9901) It is anticipated that the on-site excavated soil within the project limits will be completely reused as fill.

The soil excavated from the trench to install the drain line from O'Neil Boulevard to the sediment forebay shall be used as fill in the gravel wet vegetated treatment system berm. The Contractor shall place clean material as backfill over the drain line.

7. SEQUENCE OF CONSTRUCTION AND SCHEDULE

General Stipulations: The Contractor shall adhere to the following requirements:

- a) The Contractor shall coordinate, cooperate and schedule his work and all segments thereof with the Engineer, other contractors, utility owners, and applicable local authorities, so as to minimize impacts to the construction schedule.
- b) The Contractor shall notify the Department in writing at least fourteen (14) days in advance of the road/lane closure so that adequate public notice can be given. Upon the Engineer's approval, the Contractor shall coordinate the required traffic control.
- c) The Contractor is advised that the signs and other traffic control devices shown on the Traffic Control Plans and Details are minimum requirements. The Contractor shall be responsible to supplement these as required to ensure the public's safety. All traffic control set-ups shall conform to the latest edition of the Manual on Uniform Traffic Control Devices, with latest revisions.
- d) Before starting construction activities that require traffic control, the Contractor shall furnish and install all traffic control. All temporary construction signs shall be removed, covered or otherwise concealed when they are not needed to properly warn drivers and/or pedestrians. The Contractor shall be compensated for this under Item Code 937.0200, "Maintenance and Movement Traffic Protection".
- e) The Contractor shall coordinate requirements for Uniformed Traffic Control Persons with the Engineer who will coordinate with the local police department.
- f) In cases of emergency and/or as directed by the Engineer, the Contractor shall move equipment to allow for the passage of emergency vehicles and/or open closed lanes to maintain traffic flow.
- g) The Contractor shall not commence work that impacts vehicular and pedestrian traffic until fabrication of all materials required to complete such work is finished and on site.
- h) All work shall be completed in accordance with the Traffic-Related Work Restrictions indicated in the Transportation Management Plan.
- i) The Contractor shall backfill or place steel plates, as approved by the Engineer, capable of supporting HS-25 wheel loading over all trenches and excavations that are not protected by barrier at the end of work each day except when otherwise directed by the Engineer. There shall be no additional compensation for backfilling, re-excavating and/or plating these trenches and excavations.
- j) The Contractor must work during daytime hours. Night work is not allowed.
- k) The Contractor shall install the Permanent Diversion Berm to control surface runoff from entering the GWVTS during construction.
- l) The Contractor must adhere to the Seeding Dates identified in the Standard Specifications.

Item	SPECIAL PROVISION INDEX Description	Page
108.03	Prosecution And Progress	JS-1
108.1000	Prosecution And Progress	JS-2
202.9901	Low Permeability Borrow	JS-3
202.9902	DELETED	JS-5
202.9999	DELETED	JS-10
212.1000	Cleaning And Maintenance of Erosion Controls	JS-11
301.9901	Pea Gravel	JS-12
301.9902	¾" Washed Crushed Stone	JS-12
601.03.7B-H	Engineer's Acceptance Sampling, Testing, and Inspection	JS-13
601.05	Basis of Payment	JS-13
701.9901	18" HDPE Drainage Pipe	JS-19
701.9902	24" HDPE Drainage Pipe	JS-19
702.9901	Outlet Control Structure	JS-21
702.9902	Square Frame and Grate	JS-23
703.9901	Groundwater Intercepting Trench	JS-24
703.9902	12" PVC Ground Water Intercepting Trench Outlet Pipe	JS-25
703.9903	GWVTS Underdrain	JS-26
903.9901	Split Rail Fence	JS-27
903.9902	Split Rail Gate	JS-27
903.9903	Temporary Chain Link Fence	JS-28
907.1000	Dust Control	JS-29
920.9901	Gabion	JS-30
920.9902	Impermeable Liner	JS-32
920.9903	Non-Woven Geotextile Fabric – Soil Separation	JS-33
937.1000	Maintenance And Movement Of Traffic Protective Devices	JS-34
938.1000	Price Adjustments	JS-35
L01.9901	High Organic Soil 8 Inches Deep (Bottom)	JS-36
L02.1000	Seeding Failure to Comply	JS-37
L02.9901	Wetland Seed Mix Type 5	JS-38
L06.1000	Planting	JS-40
SECTION 202	Excavation and Embankment	JS-41

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938.1000
PRICE ADJUSTMENTS

DESCRIPTION:

- a. **Liquid Asphalt Cement.** The Base Price of Liquid Asphalt Cement as required to implement **Subsection 938.03.1** of the Standard Specifications is \$640.00 per ton as of March 3, 2014.
- b. **Diesel Fuel.** The Base Price of Diesel Fuel as required to implement **Subsection 938.03.2** of the Standard Specifications is \$3.3099 per gallon as of March 3, 2014.

**SECTION 202
EXCAVATION AND EMBANKMENT**

Add the following to Subsection 202.01 DESCRIPTION:

The Contractor shall prepare a Health and Safety Plan and identify decontamination procedures before construction begins. The Contractor shall maintain an Operation's Log.

The on-site soil is contaminated and must remain on-site. On-site soil characterization or testing is not required. The Contractor must excavate and immediately use the excavated soil as fill material. If the Contractor elects to stockpile the material before reuse, the Contractor shall handle, haul, unload, stockpile including provision of polyethylene, supplies, equipment and dust control, and maintain stockpiles in accordance with all appropriate sections of the Standard Specifications and requirements of the Rhode Island Department of Environmental Management (RIDEM) Environmental Land Use Restriction (ELUR) and Soil Management Plan (SMP) provided in Appendix C of the General Provisions - Construction Specific, respectively, and in compliance with any and all applicable permits.

REGULATORY REQUIREMENTS: Applicable regulations consist of all regulations cited in the ELUR and SMP in their most recent version, in addition to any others deemed applicable by the Contractor. This Section refers to many requirements found in these references, but in no way is intended to cite or reiterate all provisions therein or elsewhere. It is the Contractor's responsibility to know, understand, and abide by all such regulations and common practices only to the extent that they may be applicable to the Contractor's work and applicable sections of the regulations identified in this section, and other regulations that may be deemed applicable by the Contractor. The Contractor shall be responsible to determine all relevant and applicable regulations that pertain to the project. In the event of a conflict, the most stringent regulations shall govern. The following documents and/or publications are made part of this Code by reference herein:

- A. Rhode Island Rules and Regulations for the Investigation and Remediation of Hazardous Materials (the Remediation Regulations).
- B. Rhode Island Rules and Regulations for Hazardous Waste Management.
- C. Rhode Island Solid Waste Regulations.
- D. Rhode Island Oil Pollution Control Regulations.
- E. "Hazardous Waste Operations and Emergency Response", Federal Occupational Safety and Health Act (OSHA), 29 CFR 1910.120.
- F. "General Regulations for Hazardous Waste Management", EPA, 40 CFR 260.
- G. "Regulations for Identifying Hazardous Waste, Hazardous Waste Generators and Hazardous Waste Transporters", EPA, 40 CFR 261, 262 and 263.
- H. U.S. Department of Transportation (U.S. DOT) Title 49 Code of Federal Regulations (CFR).
- I. Safety and Health Regulations Promulgated by the U.S. Department of Labor OSHA, 29 CFR 1910 - Occupational Safety and Health Standards, and 29 CFR 1920 - Safety and Health Regulations for Construction.
- J. U.S. EPA Standard Operating Safety Guidelines - Office of Emergency and Remedial Response - Hazardous Response Support Division.
- K. U.S. EPA Medical Monitoring Program Guidelines.

Add the following to Subsection 202.02 MATERIALS:

The Contractor shall supply and utilize all required materials to adequately complete contaminated soil handling, hauling, and stockpiling as described in the ELUR and SMP. Personal protective equipment shall be as specified in the Contractor's project specific Health and Safety Plan (HASP).

Add the following to Subsection 202.03 CONSTRUCTION METHODS:

The Contractor is responsible for all work described in the ELUR and SMP, in addition to ensuring compliance with the requirements of the ELUR, SMP and all applicable state, federal, or local regulations. This bid spec summarizes the major requirements, however, the Contractor is directed to review and understand the requirements of the ELUR and SMP.

SUBMITTALS: The Contractor shall submit the following to the Engineer:

- A. The names, addresses and responsibilities of subcontractors retained for work described in this section.
- B. A proposed schedule for work.
- C. Proposed dust monitoring and control measures.
- D. Health and Safety Plan and OSHA documentation.
- E. Proposed decontamination procedures.

HEALTH AND SAFETY: The Contractor is required to comply with all applicable state, federal and local health and safety requirements established by regulation and as described in the ELUR and SMP consistent with the type of contaminants identified for the Project, including but not limited to, OSHA Standard 1910.120 Hazardous Waste Operations (HazWoper). The Contractor is required to prepare and maintain a Site-specific Health and Safety Plan (HASP) which shall be implemented as part of this work. The Contractor's employees and any Subcontractor employees who will be potentially exposed to contaminated soils as identified in the ELUR and SMP are required to have OSHA 40-hour health and safety training, and 8-hour refresher training as required. The Contractor must provide a copy of their Site specific HASP in addition to copies of employee training certificates to the Engineer for the persons who shall be performing the work at least 2 weeks prior to project implementation.

If visible dust is generated, then the level of dermal and respiratory protection shall be determined by the Contractor for his employees based upon periodic air monitoring to be performed by the Contractor in addition to any additional requirements of the Contractor's HASP. The Engineer may conduct duplicate air monitoring for quality assurance purposes. Level D protection, in addition to the following, shall be the minimum personal protective level for all on-Site personnel:

- Safety Leather Steel Toe Boots;
- Reflective Safety Vest;
- Rubber or Leather Gloves;
- Eye and Hearing Protection; and
- Hard Hat.

The Contractor is required to provide a safety officer who will be responsible for ensuring safety and compliance during the Project. The Contractor is required to have the necessary personal protective equipment available as specified in the Contractor's site specific HASP 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. The Contractor must provide a copy of their Site specific HASP (including documentation of training and any required medical monitoring or fit testing documentation) to the Engineer at least 2 weeks prior to project implementation.

STOCKPILES: The Contractor shall supply and utilize all required equipment to adequately place and maintain the stockpiles in a neat and orderly fashion in 500 cubic yard intervals within the approved stockpile areas. All stockpiled soil shall be placed entirely on two layers of 6-mil polyethylene and be completely covered with a 6 mil layer of polyethylene at the completion of each day. The polyethylene sheets shall overlap adjacent sheets by a minimum of four (4) feet. The stockpiles shall be surrounded with staked Compost Filter Sock. It is the responsibility of the Contractor to ensure that each stockpile location has been placed on and covered by the required polyethylene, and that erosion controls are in place.

Temporary stockpiles may be created adjacent to excavation areas to accommodate the Contractor's work schedule through the Project area. However, the use and location of temporary stockpiles should be proposed and approved by the Engineer prior to implementation. Temporary stockpiles must be covered with 6-mil polyethylene and surrounded by staked/secured Compost Filter Sock when active excavation activities are not taking place. The polyethylene sheets and Compost Filter Sock will be inspected daily by the Contractor to ensure that dust and/or erosion controls are properly secured.

DUST/ODOR CONTROL: It is the Contractor's responsibility to control dust and odors as required by the ELUR and the SMP at stockpile locations and at all locations traveled for this stockpiling operation leading to and from the stockpile areas. 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 include the RIDEM Air Pollution Control Regulations, specifically Regulation No. 5 regarding fugitive dust. The Contractor must conduct dust control measures during and after normal work hours and on weekends, as necessary, to control dust. All stockpiles shall be inspected on a daily basis.

DECONTAMINATION: The Contractor is responsible for decontaminating all tools, heavy equipment, and other items that leave the work area in accordance with the all requirements set forth in the ELUR and SMP, and properly manage waste resulting from decontamination procedures. This includes, but is not necessarily limited to, the following:

- Brush soil from equipment;
- Construction entrances/stone stabilized pads will be placed at the construction boundary zone to facilitate the removal of excess soil from vehicle tires for those vehicles which need to leave the work zone on a daily basis.

OPERATIONS LOG: The Contractor is responsible for maintaining an Operations Log as described in the SMP. The Operations Log will be maintained daily and will document the observations made during excavation throughout the Project Area. The log must include, but not necessarily be limited to, the following:

- Dates of earthwork activities;
- Soil Management Observations;
- Description of soil movements;

The Contractor will provide a summary report to the Engineer on a daily basis, and shall provide copies of their Operating Log to the Engineer on a weekly basis. The Engineer is responsible for compiling and submitting the logs to the RIDEM by the 15th of the following month in accordance with the requirements of the RIDEM Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases (the Remediation Regulations) and the ELUR and SMP.

CONFORMANCE: While engaged in contaminated soil management, the Contractor shall be subject to On-Site inspection by the RIDOT inspector, Engineer, or other regulatory officials. If the work is in violation of the requirements of this, or any other specification, or is in violation of a state, local or federal regulation, the inspector may 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.

Disposal of soil or other material that becomes contaminated as a result of careless handling or use of unauthorized procedures by the Contractor or their employees/subcontractors shall be at the Contractor's expense.

UNEXPECTED CONDITIONS: Site excavation associated with the placement of footings, construction, and/or other activities throughout the Project area may unearth solid debris and/or refuse materials such as concrete, brick, rubble, pipe, lumber and other building materials. This material (other waste) should be segregated to the extent feasible and stockpiled separately utilizing the procedures outlined above. Disposal of this material is not the subject of the ELUR and/or SMP and it will be handled by the Contractor in a manner consistent with demolition and refuse clearing projects and in accordance with RIDEM Solid Waste Regulations.

If unusual observations (e.g., drums, free product or unusual odors) are made during excavation within the Project work areas, further excavation work should cease immediately. Workers should not handle the identified material of interest and shall notify the RIDOT project supervisor for further direction. The Engineer will in turn notify RIDEM and the need for an addendum or amendment will be evaluated.

Subsection 202.04 METHOD OF MEASUREMENT: remains unchanged.

Replace Subsection 202.05 BASIS OF PAYMENT: with the following.

202.05.1 Excavation. The accepted quantities of "Earth Excavation," "Rock Excavation," "Rock Excavation - Mechanical," "Muck Excavation," "Channel Excavation - Earth," "Channel Excavation - Rock," "Channel Excavation - Rock Mechanical," "Loam Excavation," and "Unclassified Excavation" will be paid for at their respective contract unit prices per cubic yard as listed in the Proposal. The prices so-stated constitute full and complete compensation for all labor, materials, tools and equipment, including excavation within the prescribed limits of the work, formation of embankments, grading, compaction, disposal of surplus materials, preparation of subgrade and shoulders, loading, handling, hauling, stockpiling, and reusing contaminated soils on site, polyethylene, dust/odor control, health and safety plan, decontamination, management, operation logs, submittals, and all other incidentals required to complete the work as described in this Code, in the ELUR and SMP, and elsewhere as referenced in the Contract Documents, complete in place and accepted by the Engineer.

[Remainder of this Subsection is unchanged]

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
001	201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES LF O'NEIL BOULEVARD STA. 1604+08 RT TO LT	LF	5.00	0020	01
				Item 201.0414 Total:	5.00	
002	201.9901	REMOVE AND RELOCATE UTILITY POLE STOCKPILE GRAVEL ACCESS DRIVEWAY STA 2+25 TO STA 2+75	LS	1.00	0020	01
				Item 201.9901 Total:	1.00	
003	202.0100	EARTH EXCAVATION GWVTS AND SEDIMENT FOREBAY STA. 1609+00 TO STA. 1614+25 GWVTS BERM LOW PERMEABILITY CORE KEY LEVEL SPREADER STA. 1613+93 TO STA. 1614+30 LT PROJECT WIDE MISCELLANEOUS @ 10%	CY	3,610.00 145.00 7.00 381.00	0020	01
				Item 202.0100 Total:	4,143.00	
004	202.0700	COMMON BORROW PERMANENT DIVERSION BERM STA. 1609+25 TO STA. 1613+50 RT PIPE TO GWVTS STA 1604+01 TO STA 1609+45 PROJECT WIDE FROM EARTH EXCAVATION TABLE (SEE DOQ APPENDIX) MISCELLANEOUS (ASSUME)	CY	125.00 353.00 43.00 454.00	0020	01

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<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
004	202.0700 Cont.	ADDITIONAL 10% FOR LACK OF AVAILABLE CUT MATERIAL)				

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 Estimate Name - Addendum No. 1 to GWVTS
 R.I. Contract No. - 2014-CH-045
 FAP Nos: HPP-4858(003)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
004	202.0700	Cont.				
				Item 202.0700 Total:	975.00	
005	202.9901	LOW PERMEABILITY BORROW	CY			
GWVTS BERM						
STA 1609+30 TO STA 1614+00				145.00	0020	01
(LOW PERMEABILITY CORE - KEY)						
STA 1609+30 TO STA 1614+00				1,750.00	0020	01
(LOW PERMEABILITY CORE)						
SEDIMENT FOREBAY						
STA 1610+65 TO STA 1610+75				35.00	0020	01
				Item 202.9901 Total:	1,930.00	
006	202.9902	HANDLING, HAULING, AND STOCKPILING LS CONTAMINATED SOILS PROJECT WIDE AS REQUIRED				
				Item 202.9902 Total:	**DELETED**	
007	203.0530	DEWATERING	LS			
PROJECT WIDE						
AS REQUIRED				1.00	0020	01
				Item 203.0530 Total:	1.00	
008	204.0100	TRIMMING AND FINE GRADING	SY			
GABION						
STA 1610+75 TO STA 1610+81				56.00	0020	01
GRAVEL ACCESS DRIVEWAY						
STA. 1+09 TO STA. 1+29				32.00	0020	01
STA. 1+29 TO STA. 6+40				682.00	0020	01
GRAVEL MAINTENANCE PATH						
STA 1609+26 TO STA 1612+13 LT				359.00	0020	01
STA 1609+26 TO STA 1613+75 RT				635.00	0020	01
STA 1612+83 TO STA 1613+75 LT				117.00	0020	01

