

ADDENDUM NO.: 003

DATE OF ADDENDUM: December 17, 2015

**Combined Major Utility Replacement
Hammonasset Beach State Park
1288 Boston Post Road
Madison, CT**

BI-T-605

Original Bid Due Date / Time:

December 23, 2015

1:00 PM

Previous Addendums:

Addendum #2 dated 12/9/2015, Addendum #1 dated 11/25/2015

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated October 23, 2015. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form. Failure to do may subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1

Q (question): What is the minimum acceptable diameter silt sock acceptable for wattle per detail on Drawing DN1?

A (answer): An 8" to 9" diameter silt sock will be acceptable.

Item 2

Q: Can you provide details on the tree protection?

A: See SECTION 31 09 00, TEMPORARY TREE AND PLANT PROTECTION, Paragraph 2.1 C.

Item 3

Q: There are a considerable number of trees to be protected. Can you also provide details for temporary fencing?

A: See SECTION 01 50 00, TEMPORARY FACILITIES AND CONTROLS, Paragraph 2.1 G.

Item 4

Protection of Archaeological and Paleontological Remains and Materials: The contractor shall be alert to the possibility that, during the prosecution of the Project, significant archaeological or paleontological remains or other such materials may be uncovered. Such remains are in many cases protected by State and/or Federal laws. Archaeological resources are minimally defined by Federal regulations as material remains of 50 to 100 years of age or older. They typically consist of subsurface concentrations of metal, bone, ceramic, and/or flaked or otherwise shaped stone artifacts. They might also consist of features such as buried building foundations, linear or circular walls made of individual stones rather than concrete or cement, trash-filled pits, patches of burned earth, and/or distinct patterns of neatly circular, elliptical, or squared discolorations in newly exposed soil accompanied by the types of artifacts described above. Paleontological resources are defined as any fossilized remains, traces, or imprints of organisms, preserved in or on the earth's crust. These typically include fossilized bones, teeth, shells, or eggs, or distinct impressions made in bedrock.

When archaeological or paleontological materials are inadvertently encountered, the Contractor shall immediately halt operations in the location of same and shall notify the Engineer of said discovery. The contractor shall make every effort to preserve archaeological or paleontological materials intact in the original positions, in order to preserve the geological context and information content of the remains in relation to one another and to the enclosing soil.

The Engineer shall have the authority to suspend Project work in the area of such discovery for the purpose of preserving, documenting, and recovering the archaeological or paleontological materials.

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The Contractor shall carry out all instructions of the Engineer for the protection of such materials, including steps to protect the site from vandalism and unauthorized investigation, from accidental damage, and from dangers such as heavy rainfall or runoff. The Contractor shall reschedule its work to minimize any loss of the time needed to complete the Project while the State evaluates, records, and salvages the archaeological or paleontological materials.

Item 5

Q: Section 00-11-16 – Invitation to Bid states that the Minority requirements are 25% SBE and 6.25% MBE.

i) If the general contractor provides 25% using subcontractors that are minority and a small business does he also need to provide an additional 6.25% of strictly MBE? This would total 31.25%.

A: A general bidder must set-aside 25% of its general bid value for Small Business Set Aside Businesses (Small and Minority) certified by the State of Connecticut, Department of Administrative Services (DAS). From this 25% noted above in 1A, a general bidder must set-aside 25% of it for Minority Business Enterprises (MBE) certified by DAS. In other words, this MBE 25% is equal to 6.25% of the general bidder's general bid value. So 6.25% for MBE (of which one of its subcategories is Woman Business Enterprise DAS certified) plus 18.75 for Small Business Enterprises (SBE) is the sum of 25% of the general bid.

ii) Is a WBE allowed to fulfill the MBE requirement? For example, the CT DOT considers MBE and WBE all as DBE.

A: Only Woman Business Enterprise (WBE) certified by DAS may be used as a MBE on our projects.

iii) How many days does the general contractor have from the date of the bid opening to demonstrate names and amounts of all minority subcontractors? We realize that we have 10 days from the bid opening to provided Named Subcontractor Bidder Qualification Statement, but we cannot find any other timeline to submit other minority documentation.

A: In Section 00 41 00 Bid Proposal of Project Manual, the number of day to submit the names and amount of set asides subcontractors is noted in two (2) locations as follows:

Sub-article 4.6.1, and on the last page

Item 6

Q: Section 01-50-00 Section 3.3 B Subsection 2 – State User Agency Provided Field Offices: The State User Agency will furnish without charge, one (1) room for the General Contractor's use as an office in an existing building. The Owner and Construction Administrator will share space with the General Contractor. At the pre bid meeting, it was stated by the Meeting Administrator that a field office for the General Contractor and a separate field office trailer for the Owner is required. Please clarify.

A: Change Section 01-50-00 Section 3.3 B Subsection 2 from:

2. "State User Agency Provided Field Offices: The State User Agency will furnish, without charge, one (1) room for the General Contractor's use as an office in an existing building. The Owner and Construction Administrator will share space with the General Contractor. The General Contractor shall provide and install a 5-lb ABC fire extinguisher and an approved first aid kit. The General Contractor shall be responsible for furniture and shall keep this area clean and return it to its original condition after use. The General Contractor shall provide the following furniture and Equipment, which will remain his property. The furniture may be used but shall be in good condition as judged by the Owner and Construction Administrator.

- 2.1 The General Contractor shall provide a lockable chemical toilet(s) with toilet tissue for the owners' use. The Design-Builder shall maintain the facility in a sanitary condition. (See 01 52 19 Temporary Sanitary Facilities).
- 2.2 One (1) Lockable, double-pedestal, office desks, each with an executive chair.
- 2.3 One (1) Plan tables.

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- 2.4 One (1) Plan racks.
- 2.5 Six (6) Conference chairs and a conference table (approx. 5 feet x 12 feet).
- 2.6 One (1) Side tables (approx. 3 feet x 5 feet).
- 2.7 One (1) Wall mounted, cork display boards (4 foot x 6 foot).
- 2.8 One (1) Wall mounted, white, wipe-off board, with markers (3 foot x 4 foot).
- 2.9 Two (2) File cabinets (lockable four drawer letter size).
- 2.10 Two (2) Bookshelves each with 10 linear feet x 12 inch wide shelving.
- 2.11 Two (2) Large capacity waste receptacles.
- 2.12 One (1) Plain paper, Fax Machine with dedicated telephone line approved by Owner.
- 2.13 Two (2) Telephones with telephone lines and voice mail.
- 2.14 One (1) Telephones lines (dedicated to computer use) with high-speed Internet connection (minimum of DSL or cable modem service)."

To:

2. "Owner and Construction Administrator's Field Offices / Equipment: The General Contractor shall provide a field office for the Owner and Construction Administrator. The field office shall be **one (1) single wide trailer 12' x 60'**. The trailer shall have to be in "new condition" as determined by the Construction Administrator. **The trailer shall have a minimum of two (2) offices, each with a minimum of 150 square feet each, and a main meeting area.** The trailers shall have ample natural light, heating of sufficient capacity to maintain 70 degrees (F) in winter and air conditioning of sufficient capacity to maintain 75 degrees (F) in summer. The operational noise level of the supplied HVAC systems shall be low enough so as not to impede the conducting of meetings. The General Contractor shall provide a 5-lb. ABC fire extinguisher and an OSHA- approved first aid kit. The General Contractor shall provide the following furniture, and equipment which will remain his property. The furniture may be used but shall be in good condition as judged by the Owner and Construction Administrator.

2.1	The General Contractor shall provide a lockable chemical toilet(s) with toilet tissue for the owners' use. The General Contractor shall maintain the facility in a sanitary condition. (See Section 01 52 19 Temporary Sanitary Facilities).
2.2	Two (2) Lockable, double-pedestal, office desks, each with an executive chair.
2.3	Two (2) Plan tables.
2.4	Two (2) Plan racks.
2.5	Ten (10) Conference chairs and a conference table (approx. 5 feet x 12 feet).
2.6	Two (2) Side tables (approx. 3 feet x 5 feet).
2.7	Two (2) Wall mounted, cork display boards (4 foot x 6 foot).
2.8	Two (2) Wall mounted, white, wipe-off board, with markers (3 foot x 4 foot).
2.9	Four (4) File cabinets (lockable four drawer letter size).
2.10	Two (2) Bookshelves each with 10 linear feet x 12 inch wide shelving.
2.11	Two (2) Large capacity waste receptacles.
2.12	One (1) Plain paper, Fax Machine with dedicated telephone line approved by Owner.
2.13	Two (2) Telephones with telephone lines and voice mail.
2.14	Two (2) Telephones lines (dedicated to computer use) with high-speed Internet connection (minimum of DSL or cable modem service).
2.15	One (1) micro wave oven.
2.16	One (1) refrigerator.
2.17	One (1) copy machine.
2.18	Two (2) HP (model 6500A) printers.
2.19	Hardwire telephones.

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2.20	Internet Hot spot.
2.21	Field Office Laptop Computer System as noted below.

FIELD OFFICE COMPUTER SYSTEM:

Processor: Macbook Pro-13, 2.6 GHZ dual core intel core i5
 Memory: 8 GB 1600MHZ
 Hard Drive: 256 GB PCe based flasher Storage
 Network/Wireless: Thunderbolt Ethernet
 Optical Drive: Intel Iris Graphics
 Ports: 3
 Graphics: n/a
 Display: Retina Display
 Battery: 9 Hr. built in batter
 External Monitor: None
 External Keyboard: None
 External Mouse: None
 Miscellaneous: One compatible port replicator with AC adapter, one additional AC adapter, one DC adapter and one padded carrying computer case to be "City Sleeve Case".
 Software: Microsoft Office for MAC 2011

COMPUTER SOFTWARE:

The General Contractor shall provide software for the computer system in accordance with the minimum requirements listed below.

Operating System Software: Windows 8.1 Pro 64 bit English
 Productivity Software: Microsoft Office Professional 2013, Microsoft Project Adobe Acrobat 8.3.1 or high, Bluebeam Revu x64 11
 Security Software: McAfee Anti-Virus

All software shall include the most current updates and patches at the time the computer system is provided to the Owner. The General Contractor shall provide for installation of updates and patches for the operating system, productivity and security software during the term of use of the computer system by the Owner. Updates and patches shall be provided by an automatic update method.

The Owner may install and maintain proprietary software on the computer in order to run the Owner's construction management programs.

MISCELLANEOUS COMPUTER REQUIREMENTS:

The initial condition of the computer system shall be nearly pristine. All owner installed e-mail accounts, games, spyware, online services, applications, network or other profile previously set up on the system shall be removed prior to placement in the field office. If the system was provided for a previous Department of Construction Services contract, all software not specified shall be removed prior to placement in the current field office.

- The General Contractor shall provide an uninterruptible power supply (UPS), and full time surge suppression for each field office computer system specified in this Section.
- The General Contractor shall provide all cables, connection and software required to connect the field office computer system to the printer and the scanner.
- When more than one computer system is specified for a field office, the General Contractor shall provide either an Ethernet or wireless office network to allow all computer systems in the field office to access the field office internet service, the printer and the scanner.

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Item 7

Change section SECTION 01 50 00, TEMPORARY FACILITIES AND CONTROLS paragraph 3.1 C from:

From:

C. Storm Water Pollution Control:

1. Assume responsibility for storm water pollution control by submitting to the Connecticut Department of Energy and Environmental Protection (DEEP) a "General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities" registration; conform to the permit requirements.
2. Conform to the Stormwater Pollution Control Plan included in the Contract Documents or use another plan, prepared at the Contractor's expense, which has been approved by the Owner and the Connecticut Department of Environmental Protection.
3. The "General Permit for the Discharge of Stormwater and Dewatering Wastewater from Construction Activities" "draft" registration is attached to the technical Section "Site Clearing".
4. Sign and cause to be signed by each appropriate subcontractor, the Certification Statement required by the General Permit.
5. Provide, maintain, and monitor a rain gauge on the site; monitoring shall include maintaining a log of the readings. The rain gauge shall remain the property of the Contractor.

To:

C. Storm Water Pollution Control:

1. Conform to the SPCP included in the Contract Documents (attached) or use another plan, prepared at the Contractor's expense, which has been approved by the Owner and the DEEP.
2. The "General Permit for the Discharge of Stormwater and Dewatering Wastewater from Construction Activities" registration and SPCP is attached. The Contractor shall be responsible for preparing and obtaining the necessary information and signatures for the License Transfer Form. The proposed transferee (new registrant) shall be the Agency. The new billing contact shall be the Owner. The Owner shall be responsible for the transfer fee.
3. At the completion of the construction project, the Contractor shall submit to the DEEP a "Notice of Termination" (DEEP-PED-NOT-015) per the general permit. Concurrent with this Notice of Termination, the Contractor shall submit a "License Transfer Form" (DEEP-APP-006) to DEEP transferring the registration to the Agency.
4. Prior to submitting the Notice of Termination, the Contractor shall submit to the Agency copies of the SPCP, all reports required by the general permit, all inspection records, and records of all data used to complete the registration for the general permit.

Item 8

Q: On Plan Sheet SP6 & SP3, is any additional topsoil to be placed in areas where New England Coastal Salt Tolerant Grass Seed Mixture is required? Is there any detail available for these areas?

A: See sheet GN2 Sediment & Erosion Control Note 11, sheet DN11 Landscape Note 5, SECTION 32 92 00 TURFS AND GRASSES paragraph 2.5 and SECTION 32 91 00 PLANTING SOILS.

Item 9

Q: There is a tremendous quantity of excess fill from the installation of the BURT Trail and all of the utility trenches excavated etc. Will the DAS/DCS take ownership of the excess excavated material is we stockpile it on site?

A: No. See SECTION 31 20 00 EARTH MOVING paragraph 3.20

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Item 10

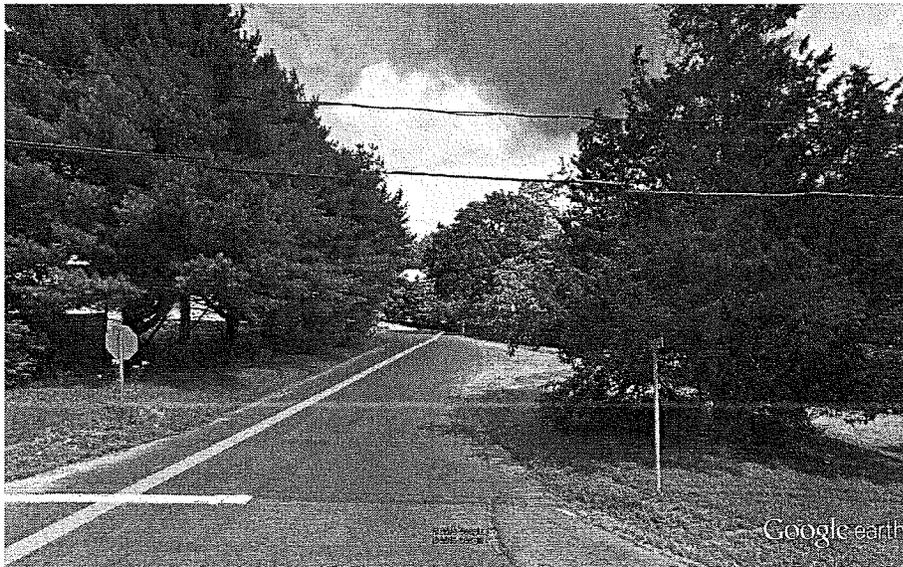
Q: If the General Contractor is an SBE contractor does the General Contractor still need to subcontract 25% to other SBE contractors?

A: See item 5 above.

Item 11

Q: Please provide a legible plan of the route that the 8" water main is taking after it crosses Route 1 on Plan Sheet SU130 in the upper left hand corner. Is it passing through a wooded area?

A: The Connector Road is a paved road (see photo below) to the Signal Hill Road. The new water main is within the pavement of Connector Road.



Item 12

Q: The Northeast Utilities trench detail on Plan Sheet DN2 shows 12" of "clean fill" backfill with no stones larger than 2" on top of the proposed conduit. The electric and telephone service detail BLUD-001 on Plan Sheet DN6 shows 12" of sand over proposed utility. Please clarify. Is the contractor to supply imported sand for the many thousands of linear feet or trench for conduit backfill?

A: The electric conduits (primary & secondary) noted on the E and SU series drawings shall be installed in a trench as noted on the DN6. The backfill above the sand cover shall be clean fill that meets the "satisfactory soils" definition. The Gas Main will be by others as noted in the Summary of Work.

Item 13

Q: The water main detail SD1 on Plan Sheet DN4 shows 12" of sand on top of the proposed DIP water main. What is the backfill detail for the 2" PE, 8" PE and 1.5" PE shown to be installed on Plan Sheets SU130 through SU950?

A: The backfill detail for the 2" PE, 8" PE and 1.5" PE is per the water main detail SD1 on Plan Sheet DN4.

Item 14

Q: Detail Sheet DN7 shows a 10" water main which does not agree with Plan Sheets PP1 through PP11. DN7 also shows the BURT Trail starting at Station 0+00 not Station 100+00. Please clarify.

A: The BURT trail starts at station 100+00 as noted on the PP2 sheet. The sections on DN7 are typical sections with water main sizes noted on the PP and SU series sheets.

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Item 15

Q: The typical BURT Trail cross sections shown on Plan Sheet DN7 show a 1.5" sanitary sewer forced main the entire length of the trail. This sanitary sewer forced main is not shown on any of the SU or PP Plan Sheets. Please clarify.

A: The force main is by others (contractor for project BI-T-603) as noted on SU560 and SU460 drawings.

Item 16

Q: Will the electric duct bank be required to be encased in concrete?

i) The detail on DN2 for three phase primary cable installation indicates "clean fill".

A: See Item 12 above. The electric conduits (primary & secondary) noted on the E and SU series drawings shall be installed in a trench as noted on the DN6. The backfill above the sand cover shall be clean fill that meets the "satisfactory soils" definition. The Gas Main will be by others as noted in the Summary of Work.

ii) Specification 260543 3.2 A-d indicates over 600v or under pathway are required to be installed in concrete.

A: See Item 12 above. The electric conduits (primary & secondary) noted on the E and SU series drawings shall be installed in a trench as noted on the DN6. The backfill above the sand cover shall be clean fill that meets the "satisfactory soils" definition. The Gas Main will be by others as noted in the Summary of Work.

Item 17

Q: Detail for hexagon hand holes on DN3.

i) Will the hexagon hand hole be per detail SPCH019.01 or DTR76.623 with load break connectors on concrete slab?

A: The contractor must provide all grounding noted on the detail on DN3 (DTR76.623).

ii) If DTR76.623 is used, will the ground bars and junction connectors be provided by Eversource?

A: The contractor must provide all grounding noted on the detail on DN3 (DTR76.623).

Item 18

Q: Please verify that the Gas Co. will perform all gas line trenching and pipework associated with this project and there are no costs associated with this project related to this work that needs to be assumed by the bidders.

A: Yes. See section SUMMARY OF WORK 01 11 00 paragraph 1.2 B. 3 as well as SU and PP sheets.

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (BL Companies-Ray Gradwell at (860) 249-2400 with copies sent to the CT DCS Project Manager (Lee Rowley) at (860) 713-7270.

End of Addendum No. 003

Mellanee Walton, Associate Fiscal Administrative Officer
Department of Administrative Services
On Behalf of the Division of Construction Services