

ADDENDUM NO. 1

April 5, 2021

**BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY
WATER AND SEWER MAIN REPLACEMENT ON
ALHAMA, CADIZ, CARTAGENA, MONTEREY & VALENCIA DRIVES
CAPITAL PROJECT NO. 717001**

**TOWNSHIP OF BRICK, COUNTY OF OCEAN, STATE OF NEW JERSEY
NJEIFP NO.: S 340448-13 & 1506001-14
FILE No.: SCE-R08398.021**

To All Concerned:

The Contract Documents associated with the Brick Township Municipal Utilities Authority (BTMUA) 'Water and Sewer Main Replacement on Alhama, Cadiz, Cartagena, Monterey & Valencia Drives' project prepared by **SUBURBAN CONSULTING ENGINEERS, INC. (SCE)**, dated April 5, 2021 have been modified to include the following changes which have been incorporated into the Contract Documents:

CONCERNING CONTRACT DOCUMENTS – SPECIFICATIONS:

Technical Cover Page 1, has been revised as follows:

The Authority Members and Authority Staff has been revised and updated to current sitting members of the Brick Township Municipal Utilities Authority.

Advertisement for Bidders Page i, has been revised to include the following:

The Pre-Bid Meeting has been updated and included for April 13, 2021 at 10:00 am prevailing time, to be located at the Brick Utilities' Fleet & Equipment Storage Building at 1551 Highway 88 West, Brick, New Jersey.

Advertisement for Bidders Page ii, has been revised to include the following:

The Contract Bid Document location for pick up has been revised to include the following: "***SUBURBAN CONSULTING ENGINEERS, INC., 2430 Highway 34, Building A, Wall, NJ 08736, on or after Wednesday April 7, 2021, upon payment of \$125 per set. Checks should be made payable to the order of SUBURBAN CONSULTING ENGINEERS, INC., shall be non-refundable and no refunds will be made for return of complete or partial contract documents.***"

Advertisement for Bidders Page iii, has been revised to include the following:

The contact person shall if the contractor has any questions concerning the contract has been revised to the following: "*Should you have any questions concerning this contract, please contact David A. Chanda, PE, CME, of SUBURBAN CONSULTING ENGINEERS, INC. at (973) 398-1776 ext. 2229.*"

Instructions to Bidders, Section 1.0 Contract Documents, Page 1, has been revised as follows:

The location for bid document pick up has been updated to list "***SUBURBAN CONSULTING ENGINEERS, INC., 2430 Highway 34, Building A, Wall, NJ 08736.***"

Instructions to Bidders, Section 3.0 Questions, Page 1, has been revised as follows:

All questions shall be submitted in writing to the Owner and shall be postmarked at least ~~seven (7)~~ **ten (10)** business days before the established date for bid opening.

Bid Form, Bid Schedule Section, Pages 4-9, have been revised to include the following:

1. The Unit of Measure for Uniformed Traffic Directors, Bid Item S-4 has been updated to ALLOWANCE.
2. The Unit and Unit Quantity for Bid Item S-11 'Compacted Soil Aggregate: 15 Or DGA (6" Thickness)' have been revised to Cubic Yard unit at a quantity of 800 CY.
3. The Unit Quantity under Bid Item S-20 'Sanitary Sewer Lateral Replacement' has been updated to 210.
4. The Unit Item Description Bid Item S-26, has been revised to the followings 'Removal and Disposal of Sewer Manholes and ACP Sanitary Sewer Main.'
5. The Unit Quantity under Bid Item S-28 'Furnish and Install Water Service and Meter Pit Assembly, Complete Water Service Wrapped With #10 Metal Wire. BTMUA To Supply Water Meter' has been updated to 210.
6. The Unit Item Description Bid Item W-21, has been revised to the following: 'Furnish and Install Temporary Water Main (Including 4" Water Main, Water Service Connections, Temporary Hydrants, Excavation, Trench Restoration and Removal of System).'
7. The Allowance amount for Bid Item W-22 has been revised to \$100,00.00.
8. The Unit Item Description Bid Item W-24 has been revised to the following: 'Utility Pole Bracing System Allowance.'

Special Conditions (Section K) Section 8.0 page 3, has been deleted and replaced with the following:

All watermain piping to be C900 Polyvinyl Chloride (PVC) restrained joint pressure pipe with factory installed gaskets or approved equal.

Division 01, Section 011000 Summary Part 1, Article 1.3 Work Covered by Contract Documents, Item C, Page 2 has been revised as follows:

Description of work has been revised and updated to include the removal and disposal of valves, hydrants (and laterals), sewer manholes, and associated appurtenances.

Division 01, Section 012200 Measurement and Payment, has been revised as follows:

1. Article 3.1, Item D 'Uniform Traffic Control Directors (Allowance) (Item No. S-4)' has been revised to incorporate the ALLOWANCE basis for measurement and payment.
2. Article 3.1, Item K 'Compacted Soil Aggregate: 15 Or DGA (6" Thickness) (Item No. S-11)' has been revised for the unit of measurement to Cubic Yards in-lieu of Square Yards.
3. Article 3.1, Item P 'Special Restoration Driveway for Sanitary Sewer infrastructure Installation (Item No. S-16) & Item Q 'Special Restoration Lawns for Sanitary Sewer Infrastructure Installation (Item No. S-17)', has been revised to include special restoration requirements of match pre-existing conditions as located throughout the project area.
4. Article 3.1, Item Z header has been revised to 'Removal and Disposal of Sewer Manholes and ACP Sanitary Sewer Main (Item No. S-26).' Additionally, Item 1 and 2 has been revised to include the removal and disposal of existing sanitary sewer manholes as removed under the scope of the project.
5. Article 3.1, Item BB 'Furnish and Install Water Service and Meter Pit Assembly, Complete Water Service Wrapped With #10 Metal Wire. BTMUA To Supply Water Meter (Item No. S-28)' has been revised to include the installation of PE water service tubing, as required and depicted on the Contract Plans.

6. Article 3.2, Item R ‘Removal and Disposal of Existing Water Main (Item No. W-18)’ has been revised to include the removal and disposal of the existing valves and appurtenances as required for the water main installation. Additionally, the language for the salvaging, transportation, and delivery of removed hydrants to the Owner’s Facility has been included under the line item.
7. Article 3.2, Item U subheader and locations in item 1 and 2 has been revised as follows ‘Furnish and Install Temporary Water Main (Including 4” Water Main, Water Service Connections, Temporary Hydrants, Excavation, Trench Restoration, and Removal of System (Item No. W-21).’
8. Article 3.2, Item X subheader and locations in items 1, 2, and 3 has been revised to the following: ‘Utility Pole Bracing System Allowance (Item No. W-24).’

Division 31, Section 312300 Excavation and Fill has been revised as follows:

1. Part 1 General, Description of Work has been revised to include the following statement ‘All applicable OSHA Rules and Regulations must be followed by the Contractor.’
2. Part 3 Execution, Article 3.1 Excavation, Part A General has been revised to include the excavation at the bottom of the trench conditions.

Division 33, Section 331010 Pipe and Fittings has been revised as follows:

1. Part 1 General, Article 1.5 Delivery, Storage and Handling has been updated to include the pipe shall be clean of any debris during storage and placement in the ground.
2. Part 2 Products, Article 2.2 Water Main Polyvinyl Chloride (PVC) Piping has been revised as follows:
 - a. The section has been updated to remove internal joint restraint piping for non-PVC manufacturers.
 - b. Item B.2.e has been updated with PVC pipe and fittings manufacturers.
 - c. Item B.3 Restrained Fittings has been updated to include Harco PVC C900 Class 150 Fittings or approved equal. As well as including EBAA Series 2500 and 2000PV or approved equal restraint mechanisms for PVC piping.
 - d. Item C.2 Saddles has been updated to include Mueller OD Controlled Bronze Saddles or approved equal.
 - e. Item E Tracer Wiring has been added.
3. Part 2 Products, Article 2.3 Sanitary Sewer Polyvinyl Chloride (PVC Piping) has been revised as follows:
 - a. Item B Pipe Joints has been revised and updated with PVC Fittings and Pipe Joints for PVC Sanitary Sewer Mains.
 - b. Item C Specials has been updated to include Wye Fittings.
 - c. Item E Tracer Wiring has been added.
4. Part 2 Products, Article 2.4 Polyvinyl Chloride (PVC) Pipe, Joints and Fittings has been removed from the Specifications.
5. Part 3 Execution, Article 3.4 Restrained Joint PVC Pipe Temporary Bypass And Water Service Connection has been revised as follows:
 - a. Item A General has been revised to include Bullets Number 3 and 4, which states the contractor shall provide provisions to protect the temporary water main under freezing conditions as well as must install sample taps, sample for chlorine residual on a daily basis, and flush the temporary water main as required until a chlorine residual is met.

Division 33, Section 331015 Valves, Hydrants and Appurtenances has been revised as follows:

1. Part 2 Products, Article 2.2 Resilient Wedge Gate Valve has been revised as follows:
 - a. Item B has been updated to include that all hardware used for the assembly of the gate valves shall be stainless steel type 316.
 - b. Item F Valve Boxes has been added.
2. Part 2 Products, Article 2.3 Fire Hydrants, has been updated as follows:
 - a. Item A Products and Manufacturers has been revised to include all hardware for the fire hydrant assembly shall be Stainless Steel Type 316 and the hydrant shall be painted 'Safety Yellow' factory applied.
 - b. Item D Material of Construction has been revised to include hydrant barrels shall be poly wrapped in accordance with the Construction Details and Contract Documents.
3. Part 2 Products, Article 2.6 has been renamed to Corporation Stops and Curb Stops. Additionally, the section has been revised as follows:
 - a. Corporation Stops has been revised to remove ¾" water service material for corporation stops. All corporations shall be 1" in diameter. Additionally, the language has been revised to include the installation of the curb stop and curb box, Mueller Company, Bingham Taylor or approved equal.
 - b. Curb Stops section has been added.

Division 33, Section 333100 Sanitary Sewerage Piping has been revised as follows:

1. Part 2 Products, Article 2.1 Pipe Materials has been updated to include that the contractor shall abide and follow any and all related ASA, ASTM, AWWA, and related standards for the scope of work.
2. Part 2 Products, Article 2.2 Sanitary Sewer Manholes has been updated as follows:
 - a. Item D has been added, to include that any internal drop manholes shall be oversized (5' diameter) as indicated on the Contract Drawings.
 - b. Item K has been revised to include the manhole frame and cover shall be locking by bolt down type only as well as the covers shall have BTMUA casted integrally into the cover.
 - c. Item P has been added regarding the manhole rungs shall be copolymer polypropylene type rungs, in accordance with the Contract Drawings.
 - d. Item Q has been added for connections into existing manholes.
3. Part 3 Execution, Article 3.16 subheader has been revised to 'Sanitary Sewer Testing.' Additionally, the subsection has been revised as follow:
 - a. Item A Testing Sanitary Sewer Chambers by Water Test Method has been added, the language has been included under the subsection.
 - b. Item B Sanitary Sewer Testing has been added.

General, All Divisions have been revised to update the associated headers and footers for the latest revision to include 'Issued for Bid April 2021' in the headers.

CONCERNING CONTRACT DOCUMENTS – PLANS ISSUED FOR BID REVISION E:

1. The Contract Plans have received several updates from Revision D ‘Revision Per OCSCD Comments’ dated March 31, 2020 to Revision E ‘Issue for Bid’, dated April 05, 2021 including but not limited to, General Notes additions, Summary of Values updates, Summary of Addresses updates, Temporary Bypass updates, Plan sheet updates (for Alhama, Cadiz, Cartagena, Monterey & Valencia Drives), and Construction Details updates to reflect latest BTMUA construction standards. All revisions and updates are incorporated within the final Contract Documents dated April 5, 2021.

The above listed modifications to the above referenced project have been incorporated into the Contract Drawings dated April 5, 2021. Contractor shall acknowledge the associated addendum depicted on Page 1 of 35 of Section G - Bid Form.

END OF ADDENDUM NO. 1

<hr/>	04/06/2021
ANDREW S. HOLT, PE	DATE
NJPE LICENSE # 24GE03855400	