February 20, 2013

Addendum #1

TOWN OF GREENWICH
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

TOWN PROJECT NO. 06-15 DEADLINE: 2/25/13 AT 10:00 A.M.

REPLACEMENT OF JOHN STREET BRIDGE
OVER EAST BRANCH BYRAM RIVER

Question #1: The bidding sheets list Item 0714020 Temporary Sheet Piling and Item 715020 Sheet Piling Material Left In Place. However, multiple locations on the contract drawings including the general notes on sheet 20 states that the temporary sheet piling and the sheet piling left in place are to be paid under the two structure excavation items. Please clarify.

Answer #1: The plan notes indicating sheeting items to be included with excavation items shall be disregarded. All sheeting shall be paid for under Items 0714020 and 0715020. As further clarification, all sheeting in contact with and below the footings shall remain in place and paid for under item "Sheet Piling Material Left in Place". All sheeting above the footings and sheeting not in contact with the footings shall be removed and paid for under item "Temporary Sheet Piling".

Question #2: Article 1.9 "Time Limits and Time Charges" in the "Information for Bidders" section establishes a method by which the contractor will be assessed time charges after 60 days from receiving the Notice to Proceed. Page 70 of the "Special Provisions and Technical Specifications" under the "Contract and Liquidated Damages" section states there is a fixed time of 200 calendar days allowed for the completion of the work after which a time charge will be assessed. Please clarify which of these provisions govern.

Answer #2: The correct time frame for the contract prior to the liquidated damages being charged is 200 calendar days.
In Article 1.9 "Time Limits and Time Charges" in the "Information for Bidders" section on Page 6 of the "Information for Bidders, Proposal – Specifications" delete the following sentence:
A time charge of two thousand dollars ($2,000) per day will be made against the Contractor for each and every day (Saturdays, Sundays and legal holidays excluded) that the work is in progress beyond sixty (60) calendar days (no days excluded) after the Contractor has been notified to commence with the work.
And replace it with the following:
A time charge of two thousand dollars ($2,000) per day will be made against the Contractor for each and every day (Saturdays, Sundays and legal holidays excluded) that the work is in progress beyond ***two hundred (200)*** *calendar days (no days excluded) after the Contractor has been notified to commence with the work.*

Question #3: For Item 943001 "Water for Dust Control" on page 20 of the bidding sheets, the unit of measure is written as "per million gallons" - I believe the intent is per thousand gallons. Please clarify.

Answer #3: As indicated in the Connecticut Department of Transportation Form 814, Section 1.01.03, Page 13, the unit Mgal represents 1,000 gallons.

Question # 4: On the Bid Sheet, Item 976002 has an estimated quantity of 7,200 days for the Barricade Warning light. Is this correct?

Answer #4: The quantity of 7,200 Days is not correct. The correct quantity is 400 Days.

Question #5: Is a field trailer required (Item 969060A per the specification)? If so, what testing is required? Do we need items like: concrete coring box, air meter, slump cone, and infrared thermometer? Do we need data communications faculty wiring?

Answer #5: As indicated in the specification description, the item is intended to provide office quarters for Town personnel in a location convenient to the work site. The office space does not have to be in a field trailer. A revised specification is provided and attached to clarify the furnishings and equipment requirements.

Question #6: Can you confirm that removal of existing roadway as required to accommodate the new full depth sections as shown on sheet 2 will be part of Item 202001 Earth Excavation?

Answer #6: Yes, removal of the existing roadway as required to accommodate the new pavement section will be paid for under Item 202001 Earth Excavation.

All other terms and conditions remain unchanged.

Frank W. Petise, P.E.
Senior Civil Engineer

ITEM # 0969060A - CONSTRUCTION FIELD OFFICE, SMALL

Description: Under the item included in the bid document, adequate weatherproof office quarters will be provided by the Contractor for the duration of the work, and if required, for a maximum of ninety days thereafter for the exclusive use of ~~ConnDOT~~ Town forces and others who may be engaged to augment ~~ConnDOT~~ Town forces with relation to the contract. The office quarters shall be located convenient to the work site and installed in accordance with Article 1.08.02, this office shall be separated from any office occupied by the Contractor. Ownership and liability of the office quarters shall remain with the Contractor.

Materials: Materials shall be in like new condition for the purpose intended and shall be approved by the Engineer.

Office Requirements: The Contractor shall furnish the office quarters and equipment as described below.

	Description:
150 SF	Sq. Ft. of floor space with a minimum ceiling height of 7 ft. and shall be partitioned as shown on building floor plan as provided by the Engineer.
1 EA	Minimum number of exterior entrances.
~~7~~ 4 EA	Minimum number of parking spaces.

Office layout: The office shall have a minimum square footage as indicated in the table above, and shall be partitioned as shown on building floor plan as provided by the Engineer. The underside of the office shall be fully skirted to the ground.

Lavatory Facilities: The Contractor shall furnish lavatory and toilet facilities at a location convenient to the office quarters for the use of ~~Department~~ Town personnel and such assistants as they may engage. He shall also supply lavatory and sanitary supplies as required.

Windows and Entrances: The windows shall be of a type that will open and close conveniently, shall be sufficient in number and size to provide adequate light and ventilation, and shall be fitted with locking devices, blinds and screens. The entrances shall be secure, screened, and fitted with a lock for which four keys shall be furnished. All keys to the construction field office shall be furnished to the ~~Department~~ Town and will be kept in their possession while ~~State~~ Town personnel are using the office. Any access to the entrance ways shall meet applicable building codes and be slip resistant, with appropriate handrails.

Lighting: The Contractor shall equip the office interior with electric lighting that provides a minimum illumination level of 100 foot-candles at desk level height, and electric outlets for each desk and drafting table. The Contractor shall also provide exterior lighting that provides a minimum illumination level of 2 foot-candles throughout the parking area and for a minimum distance of 10 ft. on each side of the field office.

The Contractor shall provide the following additional equipment, facilities, and/or services at the Field Office on this project to include at least the following to the satisfaction of the Engineer:

Parking Facility: Adequate parking spaces with adequate illumination on a paved surface, with surface drainage if needed. If paved parking does not exist adjacent to the field office, the Contractor shall provide a parking area of sufficient size to accommodate the number of vehicles indicated in the table above. Construction of the parking area and driveway, if necessary, will consist of a minimum of 6 inches of processed aggregate base graded to drain. The base material will be extended to the office entrance.

Field Office Security: Physical Barrier Devices - This shall consist of physical means to prevent entry, such as: 1) All windows shall be barred or security screens installed; 2) All field office doors shall be equipped with dead bolt locks and regular day operated door locks; and 3) Other devices as directed by the Engineer to suit existing conditions.

Electric Service: The field office shall be equipped with an electric service panel to serve the electrical requirements of the field office, including: lighting, general outlets, computer outlets, calculators etc., and meet the following minimum specifications:

A. 120/240 volt, 1 phase, 3 wire.
B. Ampacity necessary to serve all equipment. Service shall be a minimum 100 amp dedicated to the construction field office.
C. The electrical panel shall include a main circuit breaker and branch circuit breakers of the size and quantity required.
D. Additional 120 volt, single phase, 20 amp, isolated ground dedicated power circuit with dual NEMA 5-20 receptacles will be installed at each computer workstation location.
~~E. Additional 120 volt, single phase, 20 amp, isolated ground dedicated power circuit with dual NEMA 5-20 receptacles will be installed, for use by the Telephone Company.~~
~~F.~~E. Additional 120-volt circuits and duplex outlets as required meeting National Electric Code requirements.
~~G.~~F. One exterior (outside) wall mounted GFI receptacle, duplex, isolated ground, 120 volt, straight blade.
~~H. After work is complete and prior to energizing, the State's ConnDOT electrical inspector, must be contacted at 860-594-2240. (Do Not Call Local Town Officials)~~
~~I. Prior to field office removal the ConnDOT Data Communications office must be notified to deactivate the communications equipment.~~

Heating, Ventilation and Air Conditioning (HVAC): The field office shall be equipped with sufficient heating, air conditioning and ventilation equipment to maintain a temperature range of 68°-80° Fahrenheit within the field office.

The Following Furnishings and Equipment Shall Be Provided In The Applicable Field Office Type:

Qty	Description:
1 EA	Office desks (2.5 ft x 5 ft) with drawers, locks, and matching desk chairs that have

Qty	Description:
	pneumatic seat height adjustment and dual wheel casters on the base.
1 EA	Office Chairs.
1 EA	Fire resistant cabinets (legal size/4 drawer), locking.
1 EA	Drafting type tables (3 ft x 6 ft) and supported by wall brackets and legs; and matching drafters stool that have pneumatic seat height adjustment, seat back and dual wheel casters on the base.
1 EA	Personal computer tables (4 ft x 2.5 ft).
1 EA	Hot and cold water dispensing unit and supply of cups and bottled water shall be supplied by the Contractor for the duration of the project.
~~1 EA~~	~~Electronic office type printing calculators capable of addition, subtraction, multiplication and division with memory and a supply of printing paper.~~
~~1 EA~~	~~Telephone.~~
~~1 EA~~	~~Telephone answering machine.~~
~~1 EA~~	~~Plain paper facsimile (FAX) machine capable of transmitting via telephone credit card. All supplies, paper and maintenance shall be provided by the Contractor.~~
1 EA	Printer/Copier/Scanner - dry, plain paper with automatic feeder~~ and reducing capability~~. All supplies, paper and maintenance shall be provided by the Contractor.
~~1 EA~~	~~Computer systems as specified below under Computer Hardware and Software. All supplies and maintenance shall be provided by the Contractor.~~
~~1 EA~~	~~Laser printer as specified below under Computer Hardware and Software. All supplies, paper and maintenance shall be provided by the Contractor.~~
~~1 EA~~	~~Digital Camera as specified below under Computer Hardware and Software. All supplies and maintenance shall be provided by the Contractor.~~
1 EA	Wastebaskets - 30 gal., including plastic waste bags.
1 EA	Wastebaskets - 5 gal., including plastic waste bags.
1 EA	Electric pencil sharpeners.
* EA	Fire extinguishers - provide and install type and *number to meet applicable State and local codes for size of office indicated, including a fire extinguisher suitable for use on a computer terminal fire.
1 EA	Vertical plan racks for 2 sets of 2 ft x 3 ft plans for each rack.
~~1 EA~~	~~Infrared Thermometer, including certified calibration, case, cleaning wipes.~~
1 EA	Concrete Curing Box as specified below under Concrete Testing Equipment.
~~1 EA~~	~~Concrete Air Meter as specified below under Concrete Testing Equipment.~~
~~1 EA~~	~~Concrete Slump Cone as specified below under Concrete Testing Equipment.~~

The furnishings and equipment required herein shall remain the property of the Contractor. Any supplies required to maintain or operate the above listed equipment or furnishings shall be provided by the Contractor for the duration of the project.

~~Telephone Service: This shall consist of the installation of two (2) telephone lines: one (1) line for phone/voice service and one (1) line dedicated for the facsimile machine. The Contractor shall pay all charges except for out-of-state toll calls made by State personnel.~~

~~Data Communications Facility Wiring: Contractor shall install a Category 5e 468B patch panel in a central wiring location and Cat 5e cable from the patch panel to each PC station, terminating in a (category 5e 468B) wall or surface mount data jack. The central wiring location shall also house either the data circuit with appropriate power requirements or a category 5 cable run to the location of the installed data circuit. The central wiring location will be determined by the ConnDOT Data Center staff in coordination with the designated field office personnel as soon as the facility is in place. The ConnDOT Project Engineer will provide the Contractor with a copy of the current PC specifications, approved printer list and data wiring schematic as soon as possible after the contract is awarded.~~

~~Contractor to run a CAT 5e LAN cable a minimum length of 25 feet for each computer to LAN switch area leaving an additional 10 feet of cable length on each side with terminated RJ45 connectors. Each run / jack shall be clearly labeled with an identifying Jack Number.~~

~~The installation of a data communication circuit between the field office and the ConnDOT Data Communication Center in Newington will be coordinated between the ConnDOT District staff, ConnDOT Office of Information Systems and the local phone company. The ConnDOT District staff will coordinate the installation of the data communication service with ConnDOT PC Support once the field office phone number is issued. The Contractor shall provide the field office telephone number(s) to the ConnDOT Project Engineer as soon as possible to facilitate data line and computer installations.~~

~~Computer Hardware and Software:~~

~~The ConnDOT Project Engineer will provide the Contractor with a copy of the current PC specifications, approved printer list and data wiring schematic as soon as possible after the contract is awarded.~~

~~Before ordering the computer hardware and software, the Contractor must submit a copy of their proposed PC specifications and the type of printer to the ConnDOT Project Engineer for review by the ConnDOT Data Center. If the specification meets or exceeds the minimum specifications listed below, then the Contractor will be notified that the order may be placed.~~

~~Before any equipment is delivered to the Data Center, arrangements must be made a minimum of 24 hours in advance by contacting 860-594-3500. All software, hardware and licenses listed below shall be clearly labeled, specifying the (1) Project No., (2) Contractor Name, (3) Project Engineer's Name and (4) Project Engineer's Phone No., and shall be delivered to the ConnDOT Data Center, 2710 Berlin Turnpike, Newington, CT, where it will be configured and prepared for field installation. Installation will then be coordinated with ConnDOT field personnel and the computer system specified will be stationed in the Department's project field office.~~

~~The computer system furnished shall have all software and hardware necessary for the complete installation of the latest versions of the software listed, and therefore supplements the minimum specifications below. The Engineer reserves the right to expand or relax the specification to adapt to the software and hardware limitations and availability, the compatibility with current~~

~~agency systems, and to provide the Department with a computer system that can handle the needs of the project. This requirement is to ensure that the rapid changing environment that computer systems have experienced does not leave the needs of the project orphan to what has been specified. There will not be any price adjustment due to the change in the minimum system requirements.~~

~~The Contractor shall provide the Engineer with a licensed copy registered in the Department's name of the latest versions of the software listed and maintain customer support services offered by each software producer for the duration of the Contract. The Contractor shall deliver to the Engineer all supporting documentation for the software and hardware including any instructions or manuals. The Contractor shall provide original backup media for the software.~~

~~The Contractor shall provide the computer system with all required supplies, maintenance and repairs (including labor and parts) throughout the Contract life.~~

~~Once the Contract has been completed, the computer will remain the property of the Contractor. Prior to the return of any computer(s) to the Contractor, field personnel will coordinate with the Data Center personnel for the removal of Department owned equipment, software, data, and associated equipment.~~

~~A) Computer – Minimum Specification:~~

~~Processor – Intel® Core 2 Duo Processor (2.00 GHz, 800 MHz FSB 2MB L2 Cache)~~
~~Memory – 2 GB DIMM DDR2 667MHz.~~
~~Monitor – 19.0 inch LCD color monitor.~~
~~Graphics – Intel Graphics Media Accelerator 3100. or equivalent.~~
~~Hard Drive – 160 GB Ultra ATA hard drive (Western Digital, IBM or Seagate).~~
~~Floppy Drive – 3.5 inch 1.44MB diskette drive.~~
~~Optical Drive – CD-RW/DVD-RW Combo.~~
~~Multimedia Package – Integrated Sound Blaster Compatible AC97 Sound and speakers.~~
~~Case – Small Form or Mid Tower, capable of vertical or horizontal orientation.~~
~~Integrated Network Adapter – comparable to 3COM PCI 10/100 twisted pair Ethernet.~~
~~Keyboard – 104+ Keyboard.~~
~~Mouse – Optical 2-button mouse with scroll wheel.~~
~~Operating System – Windows XP Professional Service Pack 2; Windows Vista Capable.~~
~~Application Software – MS Office 2007 Professional Edition.~~
~~Additional Software (Latest Releases, including subscription services for the life of the Contract.~~

- ~~Norton Anti-Virus and CD/DVD burning software (ROXIO or NERO),~~
- ~~Adobe Acrobat Standard~~

~~Resource or Driver CD/DVD – CD/DVD with all drivers and resource information so that computer can be restored to original prior to shipment back to the contractor.~~
~~Uninterrupted power supply – APC Back-UPS 500VA.~~

~~Note A1: All hardware components must be installed before delivery. All software documentation and CD-ROMs/DVD for Microsoft Windows XP Professional, Microsoft~~

~~Office 2007 Professional Edition, and other software required software must be provided. Computer Brands are limited to Dell, Gateway and HP brands only. No other brands will be accepted. The ConnDOT Project Engineer will provide the Contractor with a copy of the current PC specifications and approved printer list as soon as possible after the contract is awarded.~~

~~Note A2: As of June 30, 2008, Microsoft will no longer distribute Windows XP for retail sale, although the date for specific computer manufacturers may be different. Please consult your manufacturer for details. The Department still requires Windows XP on all PCs. Microsoft has stated that any PCs that are purchased with either Windows Vista Business, or Vista Ultimate are automatically entitled to "downgrade rights", which allow the PC to be rolled back to Windows XP. Please consult the specific manufacturer for details on downgrading new PCs to Microsoft Windows XP after June 30, 2008.~~

~~B) Laser Printer – Minimum Specification:~~

~~Print speed – 20 ppm.~~
~~Resolution – 1,200 x 1,200 dpi.~~
~~Paper size – Up to 216 mm x 355 mm (8.5 in x 14 in).~~
~~RAM – 16 MB.~~
~~Print Drivers – Must support HP PCL6 and HP PCL5e.~~
~~Printer cable – 1.8 m (6 ft).~~

~~Note B1: Laser printer brands are limited to Hewlett-Packard and Savin brands only. The ConnDOT Project Engineer will provide the Contractor with a copy of the current PC specifications and approved printer list as soon as possible after the contract is awarded.~~

~~Note B2: It is acceptable to substitute a multi-function all-in-one printer/copier/scanner/fax machine listed on the approved printer list in place of the required laser printer and fax machine.~~

~~C) Digital Camera – Minimum Specification:~~

~~Optical – 5 mega pixel, with 3x optical zoom.~~
~~Memory – 2 GB.~~
~~Features – Date/time stamp feature.~~
~~Connectivity – USB cable or memory card reader.~~
~~Software – Must be compatible with Windows XP and Vista.~~
~~Power – Rechargeable battery and charger.~~

The Contractor is responsible for service and repairs to ~~all computer hardware~~the printer/copier/scanner. All repairs must be performed with-in 48 hours. If the repairs require more than a 48 hours then a replacement must be provided. All supplies, paper and maintenance for the ~~computers, laptops, printers, copiers, and fax machines~~printer/copier/scanner shall be provided by the Contractor.

Concrete Testing Equipment: If the Contract includes items that require compressive strength cylinders for concrete, in accordance with the Schedule of Minimum Testing Requirements for Sampling Materials for Test, the Contractor shall provide the following. All testing equipment will remain the property of the Contractor at the completion of the project.

A) Concrete Cylinder Curing Box – meeting the requirements of Section 6.12 of the Standard Specifications.

~~B) Air Meter – The air meter provided shall be in good working order and will meet the requirements of AASHTO T 152.~~

~~C) Slump Cone Mold – Slump cone, base plate, and tamping rod shall be provided in like-new condition and meet the requirements of AASHTO T119, Standard Test Method for Slump of Hydraulic-Cement Concrete.~~

Insurance Policy: The Contractor shall provide a separate insurance policy, with no deductible, in the minimum amount of twenty thousand dollars ($20,000.00) in order to insure all ~~State-owned data~~ equipment and supplies owned by the Town or the Town's agent used in the office against all losses. The Contractor shall be named insured on that policy, and the ~~Department~~Town shall be an additional named insured on the policy. These losses shall include, but not be limited to: theft, fire, and physical damage. The ~~Department~~Town will be responsible for all maintenance costs of ~~Department~~Town owned computer hardware. In the event of loss, the Contractor shall provide replacement equipment in accordance with current ~~Department~~Town equipment specifications, within seven days of notice of the loss. If the Contractor is unable to provide the required replacement equipment within seven days, the ~~Department~~Town may provide replacement equipment and deduct the cost of the equipment from monies due or which may become due the Contractor under the contract or under any other contract. The Contractor's financial liability under this paragraph shall be limited to the amount of the insurance coverage required by this paragraph. If the cost of equipment replacement required by this paragraph should exceed the required amount of the insurance coverage, the ~~Department~~Town will reimburse the Contractor for replacement costs exceeding the amount of the required coverage.

Maintenance: During the occupancy by the ~~Department~~Town, the Contractor shall maintain all facilities and furnishings provided under the above requirements, and shall maintain and keep the office quarters clean through the use of weekly professional cleaning to include, but not limited to, washing & waxing floors, cleaning restrooms, removal of trash, etc. Exterior areas shall be mowed and clean of debris. A trash receptacle (dumpster) with weekly pickup (trash removal) shall be provided. Snow removal, sanding and salting of all parking, walkway, and entrance ways areas shall be accomplished during a storm if on a workday during work hours, immediately after a storm and prior to the start of a workday. If snow removal, salting and sanding are not completed by the specified time, the ~~State~~Town will provide the service and all costs incurred will be deducted from the next payment estimate.

Method of Measurement: The furnishing and maintenance of the construction field office will be measured for payment by the number of calendar months that the office is in place and in operation, measured to the nearest month.

There will not be any price adjustment due to any change in the minimum computer system requirements.

Basis of Payment: The furnishing and maintenance of the construction field office will be paid at the listed unit price per month for the item "Construction Field Office, Small", which price shall include all material, equipment, labor, utility services and work incidental thereto.

The cost of providing the parking area, external illumination, trash removal and snow and ice removal shall be included in the monthly unit price bid for the respective item "Construction Field Office, Small".

~~The State will be responsible for payment of data communication user fees and for toll calls by State personnel.~~

Pay Item	Pay Unit
Construction Field Office, Small	Month