May 26, 2015
EDGEWOOD ROAD RECONSTRUCTION AND DRAINAGE IMPROVEMENTS
PROJECT NO. 153-WTN-007-2013
TOWN OF WATERTOWN
ADDENDUM NO.1

PLANS

Revised plans are provided. Additional details regarding water service and sanitary lateral relocation are provided on Sheet 11 and Sheet 12 of 15. Sedimentation Control System is added to Sheet 2 and Sheet 3 of 15. Erosion Control Matting Type ‘C’ is added to Sheet 3 of 15. “Review Set 02/10/2015” is removed from the cover sheet.

BID PROPOSAL

The following items revisions are provided:

Item #3 is revised to #8 DOT Stone

Item #13 is revised to 1” Copper Tubing

Existing Item #24 is deleted.

New Item #24- Remove Existing Beam Rail- LS

New Item #25 -Type R-B Metal Beam Rail – 200 lf

New Item #26 – R-B End Anchorage Type II- 2ea

New Item #27 – W-Beam Terminal Element- 2ea

New Item #28 – Sedimentation Control System- 500lf

New Item #29- Erosion Control Matting Type ‘C’ – 180 sq. yds.

New Item #30-Remove and Reset Existing Fence - LS
TECHNICAL SPECIFICATIONS

CLEARING AND GRUBBING SPECIFICATIONS

The existing Description is deleted and replaced with the following;

Description

The description shall be in accordance with 2.01.03 of the Form 816 as amended. All wood greater than three inches (3") in diameter will be cut to four foot (4’) lengths and left stacked on owner’s property. At least ten (10) days prior to any tree removal there shall be a tree removal meeting on-site and all trees that are six inches (6”) of greater in diameter to be removed shall be flagged by the Watertown Tree Warden or representative.

BITUMINOUS CONCRETE IN PLACE SPECIFICATIONS

Paragraph five (5) of Description is deleted and replaced with the following;

The estimated quantity of bituminous concrete for the entire project is 500 tons+/-.

EXCAVATION, BACKFILL AND COMPACTION SPECIFICATIONS

The following revision is provided to Description:

It is anticipated that a minimum of ten test pits will be performed prior to start of construction to locate underground utilities and verify depths.

The following clarification is provided:

The removal of the existing bituminous pavement is included in the excavation of the existing roadway material. If the removal of the existing bituminous pavement is accomplished by milling, the millings shall be deposited at the town of Watertown Transfer Station, located on Old Baird Road. Payment will be made under Earth Excavation.

WATER SERVICE SPECIFICATIONS

All instances where ¾” copper appear shall be deleted and replaced with 1” copper.
TECHNICAL SPECIFICATIONS
REMOVE AND/OR RESET POSTS, RAIL, ANCHORAGES AND FENCES

Description

Work under this section includes the removing existing posts, anchorages, guide rail in the locations indicated on the plans or specified by the Engineer and the removal and resetting of existing fencing in place. All work performed under this item shall be in conformance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 816 as amended. It is expressly stated that the specific references to the Form 816 is for the technical requirements stated therein and that this project is not an 816 project, nor are all of the other terms of the Form 816 applicable. The metal beam rail and millings shall be salvaged and delivered to the Transfer Station located at 11 Old Baird Road.

Materials

Materials under this section shall conform to the requirements of Article 9.12.02 of the Form 816, as amended. All replacement posts to be treated with pentachlorophenol cold-soaking.

Construction Methods

Construction methods under this section shall conform to the requirements of Article 9.12.03 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

The number of removed and reset fencing measured for payment shall not be measured for payment but shall be included in the lump sum bid for the fencing removed and reset as directed or as shown on the plans.

Removal of guide rail shall not be measured for payment but shall be included in the lump sum bid for removal of such rail including posts removed between the centers of anchors, including the anchors and any rail system attachments.

Basis of Payment

This work will be paid for as follows:

There will be no separate payment for any temporary treatments or attachments.

Removing and resetting existing fencing will be paid for at the contract lump sum price, complete and accepted in place. This price shall include the complete removal, storage and resetting of existing fence, including excavation, backfilling and disposal of surplus or unsuitable material, and all equipment, tools and labor incidental thereto.
Removal of guide rail shall be paid for at the contract lump sum price. This price shall include removal of each post, rail and end anchorage, backfilling, equipment, tools and labor incidental thereto.
TECHNICAL SPECIFICATIONS
SEDIMENTATION CONTROL SYSTEM

Description

The item for “Sedimentation Control Systems” shall include all labor, equipment and materials required to furnish, place, maintain and remove sedimentation control systems, as shown on the plans or as directed by the Town, in place according to Form 816, as amended. There shall be no separate payment for the cleaning out accumulated sediment or replacing failed system.

Materials

Materials shall conform to the requirements of Section 2.19 of the Form 816, as amended.

Construction Methods

System shall be placed and maintained in accordance with the requirements of Section 2.19 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

Number of linear feet or square yard of sedimentation control systems as measured along the centerline of the system installed and accepted. Replacement systems shall not be measured for payment.

Basis of Payment

This work will be paid for as follows:

Contract unit price per linear foot or square yard of sedimentation control systems installed and accepted complete in place, which price shall include all equipment, material, labor, tools and work incidental to the placement, maintenance, replacement, removal and disposal of the system and surplus material. No payment shall be made for cleaning out accumulated sediment or replacement materials.
TECHNICAL SPECIFICATIONS
METAL BEAM RAIL ANCHORAGES

Description

Work under this section includes the furnishing and installation of metal beam rail anchorages of the type shown on the plans or as specified. All work performed under this item shall be in conformance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 816 as amended. It is expressly stated that the specific references to the Form 816 is for the technical requirements stated therein and that this project is not an 816 project, nor are all of the other terms of the Form 816 applicable.

Materials

Materials under this section shall conform to the requirements of Article 9.11.02 of the Form 816, as amended

Construction Methods

Construction methods under this section shall conform to the requirements of Article 9.11.03 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

The length of metal beam rail measured for payment shall be the actual number of end anchorages of each type installed, complete and accepted in place.

Basis of Payment

This work will be paid for as follows:

Contract unit price for the types shown on the plans or specified, installed and accepted complete in place, which price shall include all equipment, material, excavation, drilling and grouting, tools, removal and disposal of surplus material, backfilling, labor and work incidental to as specified herein
TECHNICAL SPECIFICATIONS
METAL BEAM RAIL

Description

Work under this section include the furnishing and installation of a line of steel rail elements fastened to steel posts as shown on the plans. All work performed under this item shall be in conformance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 816 as amended. It is expressly stated that the specific references to the Form 816 is for the technical requirements stated therein and that this project is not an 816 project, nor are all of the other terms of the Form 816 applicable.

Materials

Materials under this section shall conform to the requirements of Article 9.10.02 of the Form 816, as amended

Construction Methods

Construction methods under this section shall conform to the requirements of Article 9.10.03 of the Form 816, as amended.

Method of Measurement

This work will be measured for payment by the following:

The length of metal beam rail measured for payment shall be the actual number of linear feet of accepted rail of the type or designation installed including delineators, measured along the top of the rail between centers of end posts in each continuous section.

Basis of Payment

This work will be paid for as follows:

Contract unit price for the types shown on the plans installed and accepted complete in place, which price shall include all equipment, material, posts of all lengths, tools, removal and disposal of surplus material, backfilling, labor and work incidental to as specified herein.
PROPOSAL

The following items shall be provided in accordance with the State of Connecticut Department of Transportation “Standard Specifications for Roads, Bridges and Incidental Construction”, Form 816, as amended.

<table>
<thead>
<tr>
<th>Description/Unit Price</th>
<th>Estimated Computed Quantities</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Item # 1 – Roadway Excavation</strong></td>
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<tr>
<td>The unit price of</td>
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<tr>
<td>___________________________ Dollars</td>
<td></td>
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<tr>
<td>and ___________________________ Cents</td>
<td></td>
<td></td>
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<tr>
<td>($ __________ ) per cubic yard (CY).</td>
<td>334 CY</td>
<td>$__________</td>
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</tbody>
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**Item # 2 – Rock in Roadway**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($ __________ ) per cubic yard (CY).

130 CY $__________

**Item # 3 – #8 DOT Stone**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($ __________ ) per cubic yard (CY)

191 CY $__________

**Item # 4 - Bituminous Concrete – Class 1**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($ __________ ) per ton.

313 Tons $__________

**Item # 5 - Bituminous Concrete – Class 2**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($ __________ ) per ton (TON)

188 TON $__________

**Item # 6 - Bituminous Concrete Driveway**

The unit price of

_____________________________ Dollars

and ___________________________ Cents

($ __________ ) per square foot (SF)

4,230 SF $__________
| Item # 7 – Processed Gravel | The unit price of \[ \text{________________________Dollars} \] and \[ \text{________________________Cents} \] \( ($ \quad ) \) per cubic yard (CY) | 802 CY | $__________ |
| Item # 8 – 4” SDR-35 Underdrain | The unit price of \[ \text{________________________Dollars} \] and \[ \text{________________________Cents} \] \( ($ \quad ) \) per linear foot (LF) | 700 LF | $__________ |
| Item # 9 – Type “C” Catch Basin | The unit price of \[ \text{________________________Dollars} \] and \[ \text{________________________Cents} \] \( ($ \quad ) \) per each (EA) | 6EA | $__________ |
| Item # 10 – Pipe Tie-In | The unit price of \[ \text{________________________Dollars} \] and \[ \text{________________________Cents} \] \( ($ \quad ) \) per each (EA) | 14 EA | $__________ |
| Item # 11 – Concrete Sidewalk | The unit price of \[ \text{________________________Dollars} \] and \[ \text{________________________Cents} \] \( ($ \quad ) \) per square foot (SF) | 76 SF | $__________ |
| Item # 12 – Water Service Connection | The unit price of \[ \text{________________________Dollars} \] and \[ \text{________________________Cents} \] \( ($ \quad ) \) per each (EA) | 3 EA | $__________ |
| Item # 13 – 1” Copper Tubing | The unit price of \[ \text{________________________Dollars} \] and \[ \text{________________________Cents} \] \( ($ \quad ) \) per linear foot (LF) | 90 LF | $__________ |
| Item # 14 – Remove and Reset Sanitary Sewer Manhole Frame and Covers | The unit price of \[ \text{________________________Dollars} \] | | |
and ___________________________Cents
($               ) per each (EA) 3 EA $__________

Item # 15 – 15” HDPE Pipe
The unit price of
_____________________________Dollars and ___________________________Cents
($               ) per linear foot (LF) 428 LF $__________

Item # 16 – Topsoil & Turf Establishment
The unit price of
_____________________________Dollars and ___________________________Cents
($               ) per square yard (SY) 679 SY $__________

Item # 17 – Bituminous Concrete Lip Curbing (BCLC)
The unit price of
_____________________________Dollars and ___________________________Cents
($               ) per linear foot (LF) 1640 LF $__________

Item # 18 - Maintenance and Protection of Traffic
The lump sum price of
_____________________________Dollars and ___________________________Cents
($               ) per lump sum (LS) 1 LS $__________

Item # 19 – Test Pits
The unit price of
_____________________________Dollars and ___________________________Cents
($               ) per each (EA) 10 EA $__________

Item # 20 – Clearing and Grubbing
The lump sum price of
_____________________________Dollars and ___________________________Cents
($               ) per lump sum (LS) 1 LS $__________

Item # 21 – Relocate Sanitary Sewer Lateral
The unit price of
_____________________________Dollars and ___________________________Cents
($               ) per each (EA) 3 EA $__________
Item # 22 – Trench Excavation
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per cubic yard (CY)
180 CY $________

Item # 23 – Rock in Trench
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per cubic yard (CY)
125 CY $________

Item # 24 – Remove Existing Beam Rail
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per lump sum (LS).
1 LS $________

Item # 25 – Type R-B 350 Metal Beam Rail
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per linear foot (LF).
200 LF $________

Item # 26 – R-B End Anchorage Type II
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per each (EA).
2 EA $________

Item # 27 – W-Beam Terminal Element
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per each (EA).
2 EA $________

Item # 28 – Sedimentation Control System
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per linear foot (LT).
500 LF $________

Item # 29 – Erosion Control Matting Type “C”
The unit price of
_____________________________ Dollars
and __________________________ Cents
($               ) per square yard (SY). 180 SY $__________

**Item # 30 – Remove and Reset Existing Fence**
The unit price of
_____________________________Dollars
and _________________Cents
($               ) per lump sum (LS). 1 LS $__________

**Computed**
**Total- Project** $__________