



Greater New Haven Water Pollution Control Authority

260 East Street, New Haven, CT 06511 203.466.5280 p 203 772.2027 f www.gnhwpc.com

Greater New Haven Water Pollution Control Authority
New Haven, Connecticut

Plans and Specifications for the Construction of

CWF 2016-03

West River CSO Improvement Project

CWF 2016-03 - ADDENDUM No. 6

April 11, 2018

General

The attention of bidders submitting proposals for the above referenced project is called to the following Addendum to the Contract Plans and Specifications. The items set forth herein, whether of omission, addition, substitution, or clarification are all included in the proposed work.

This Addendum consists of 7 pages which includes the Minutes from Pre-Bid Meeting No. 2, held on April 4, 2018 along with questions posed during the meeting and answers to those questions.

Inclusion of this Addendum and all other Addenda must be acknowledged by inserting its number, CWF 2016-03 – Addendum 5 on page 11 of 12 of Section 102-20 Itemized Proposal in the Bid Documents. Failure to acknowledge any or all addenda in the above-specified bid may be cause for rejection of the bid by the Owner on grounds that it is not responsive.



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West River CSO Improvement Project

Regulator 003 (Orange Av west of Ella Grasso Boulevard)

Regulator 004 (Ella Grasso Boulevard opposite Legion Av in West River Memorial Park)

Regulator 006 (Whalley Av west of Fitch St)

MINUTES

Pre-Bid Meeting No. 2 – April 4, 2018

1. Attendees – See Sign-In Sheet Attached
2. Revised Bid Date – April 26, 2018 at 10:00 AM
3. Bid Submittals – Forms, Changes and Completeness
 - a. Bid Forms – Revised Bid Forms Provided in Addendum 5
 - i. Added Bituminous Skim Coat (407.50) per ton
 - ii. Modified MPT to be Lump Sum per site (971 A, B, C)
 - iii. Added Traffic Signaling (971 D) as an allowance IF Owner (CDOT or City) requires evaluation and adjustment of signals.
 1. Regulator 003 - Signal owned By CT DOT
 2. Regulator 006 - Signal owned by City of New Haven
 - b. Changes to Bid Submittal Package
 - i. Added Requirement for Proposed Traffic Engineer Qualifications
 - ii. Added Requirement for Proposed Traffic Signal Contractor Qualifications
 - c. Completeness – Make certain the following items are addressed
 - i. Bid Sheet Fully Filled Out with Original Signatures
 1. Reminder Item 975 - Mobilization has 3% CAP
 - ii. Bid Bond
 - iii. Bidder's Qualification Form
 - iv. MBE & WBE Form – First Part – Memo, List Due in 2 weeks
 - v. DAS Prequalification Certificate AND DAS Update
 - vi. Independent Land Surveyor Qualifications
 - vii. American Iron and Steel Certification
 - viii. Traffic Engineer Qualifications
 - ix. Traffic Signal Contractor Qualifications



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4. Addendum # 5

a. Sequence – General Outline

- i. Total Time 300 Calendar Days
- ii. Regulator 004 Roadway Work
- iii. Regulator 003 Catch Basin Backflow Valve Work
- iv. Test Pits – All Sites
- v. Construction of Regulator 003
- vi. Construction of Regulator 006 or 004 Depending on Time of Year
- vii. Any Winter Shutdown would require a request AND work at Reg 004 should be completed except for final restoration

b. Hours of Operation/Construction

- i. Allowance for Nights – 8 PM to 6 AM
- ii. Allowance for Weekends – Friday 8 PM to Monday 6 AM
- iii. Reg 004 allowance for day construction
- iv. Restrictions due to Holidays and Events – Detailed List in Addendum 5
 1. ***Event # 3- Fountain Street Festival – Typically Held in Autumn, Only Restricts Work at Regulator 006 on Whalley Avenue near Fitch Street.***
 2. ***Event # 4 – Independence Day – July 4, 2018 is on a Wednesday. The restrictions will be placed starting the day before, Tuesday July 3rd, through Thursday July 5th. There are no anticipated restrictions for the weekend before or after July 4th. Bidders should be aware that traffic may be extra heavy during those weekends.***
 3. ***Event # 20 – ArtWalk Westville Neighborhood – Only Restricts Work at Regulator 006 on Whalley Avenue near Fitch Street.***

c. Maintenance & Protection of Traffic

- i. Deleted requirement for re-aligning signal heads, removing striping, installing temporary striping, re-striping in the morning, Deleted One Lane Raised Bridge in Reg 003 Sequence 3
- ii. Modification of MPT by Contractor for Work at 004 in Roadway, Catch Basin Backflow Valve Installation and Test Pits
- iii. Temporary Detection for any Loop Detectors disturbed during construction (003, possibly 004, possibly 006) – Include in MPT cost.
- iv. Maintenance of Signal System During Construction - Include in MPT Cost.



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- v. Opening Roadways to FULL Traffic at end of work period Requires a Bridge or Plates or Backfilling Excavation and Paving.
 - 1. Contractor to supply Engineered Design of Temporary Bridging or Plates by CT PE for review by CT DOT also.
 - 2. If planning on using Pile Caps to support beams and plates, they will need to reach full strength before being loaded. No extra payment for high early strength concrete.
 - vi. Must Maintain Minimum Lanes of Traffic During Work Period
 - vii. Alternate or Detour Routes to be signed before start of Construction
 - viii. Regulator 003 and 006 have overlapping detours so cannot do construction at same time at both locations
 - ix. Winter Shutdown or predicted Snow/Ice/Sleet will require backfilling of trenches and temporary paving. No Steel Plates or Bridges permitted during a winter shutdown.
- d. Testing of Piles
- i. Design by Contractor
 - ii. Compression Load Testing – One Non-Production Pile near Regulator 004, in the Park, Off the Roadway
 - iii. Load Tension Testing One Per Each Site on Production Pile
- e. Regulator 004
- i. Removal of Restriction on Nesting Period for Eagles
 - ii. Engineer's Field Office Location
 - iii. Plant Trees during first Planting Season – Coordination with Parks
 - iv. Install Watertight MH Frame & Cover and Mountable Granite Curbing BEFORE CT DOT PAVING –
 - 1. Included Typical Lane Closure Middle Lane for MH Raising
 - 2. Added Detail for Mountable Granite Curb
 - a. **Protective Measures for Mountable Granite Curb can include:**
 - i. **Installing Granite Curb on Concrete Base replacing the stone base.**
 - ii. **Placing Red Rosin Paper over the newly installed curb and protecting it with steel plates and/or asphalt.**
 - v. Test Pits and Compression Load Testing of Pile
 - vi. Work through Winter if Necessary
- f. Regulator 003
- i. Installation of Catch Basin Backflow Valves



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- ii. Test Pits
- iii. Install MPT
 - 1. Sequence of Work
 - 2. Sequence of Local MPT
 - 3. Detour Routes MPT - BOTH Routes Installed when working at 003
 - 4. Installation of Structure
- g. Regulator 006
 - i. Test Pits to include Locating Bridge Abutment by Vacuum Excavation.
The Profile provided on Sheet 8 depicts the bridge abutment based upon available information. A copy of that information for bridge 01031 is attached.
 - ii. Sequence of Work
 - 1. Multiple Sequences shown and Potential Local MPT Patterns for Sequences
 - 2. Contractor to decide which localized pattern/Sequence to use
 - iii. Sequence of Local MPT
 - iv. Detour Route to be in place prior to Construction
 - v. Construction
 - 1.
- 5. Written Questions emailed to TLOTO@Kleinfelder.com & Engineering@gnhwpc.com
 - a. Submit by Noon April 12, 2018
 - b. Responses minimum 5 days before Bids Due
- 6. Questions that were posed during the meeting have been included within the minutes along with the responses. These have been shown in ***Bold Italics***.

Enclosures:

Pre-Bid 2 Meeting Attendees
Bridge 01031 Original Abutment Sketch

Prepared April 9, 2018 by

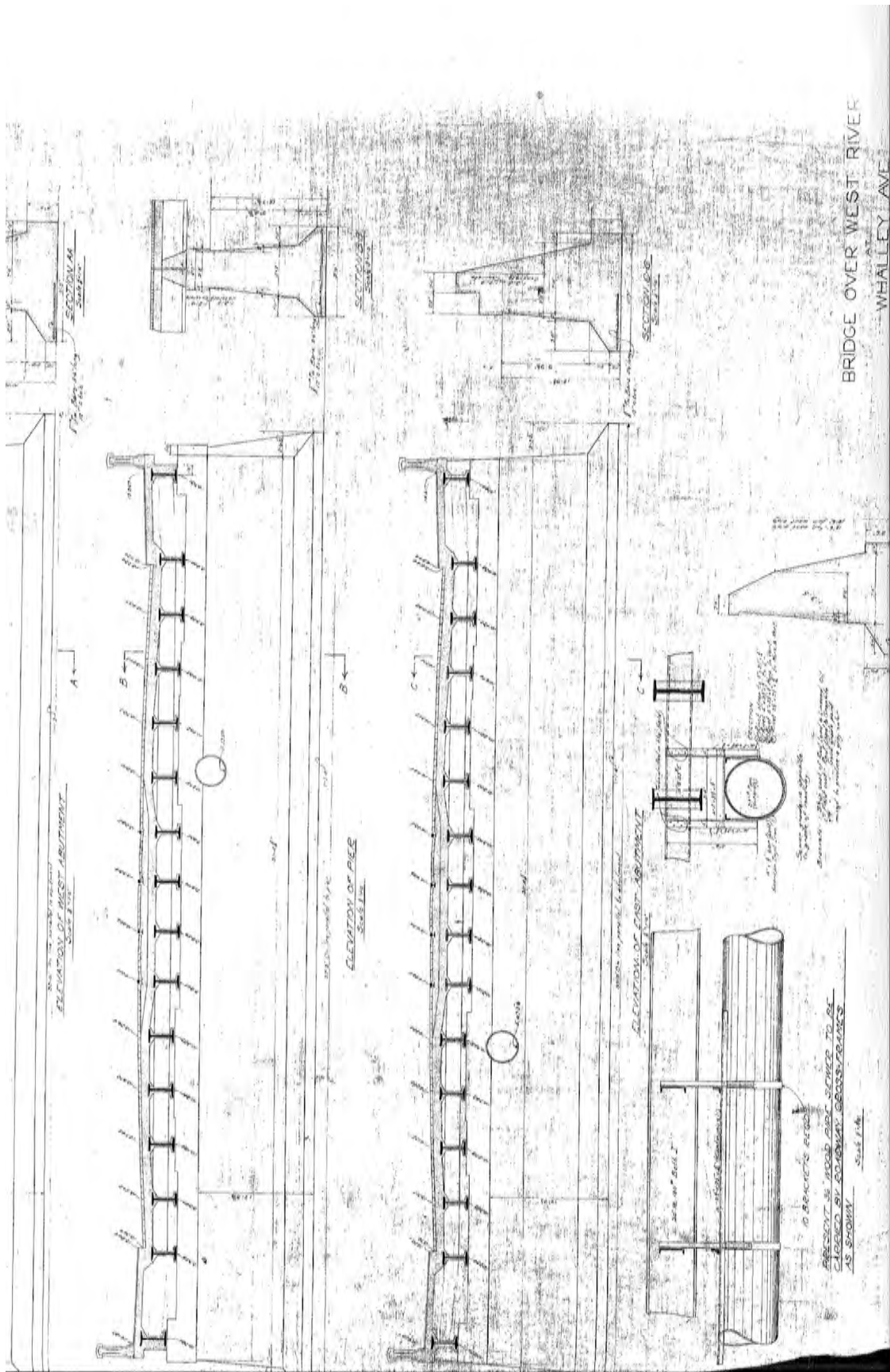
Mario Ricoszi, P.E.
Manager of Design



CWF 2016-03
WEST RIVER CSO IMPROVEMENT PROJECT
Wednesday, April 4, 2018 @ 10:00 AM
Pre-Bid Attendance #2

NAME (Please Print)	SIGNATURE	COMPANY
John Dusia		Paganelli Construction Corp
STEVE CALABRO		LAYDON INDUSTRIES
Tom Loto		Kleinfelder
Bill Stone		Kleinfelder
NICK MAURO		C J Fucci
Mario Ricozzi		GNHWPCA
LUIGI DIMONACO		"

Plan of CT Bridge No. 1031



END OF ADDENDUM NO. 6