



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. 1

January 23, 2018

I. 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 2 pages, and

- Attachment A – 102-19 Connecticut Department of Labor - Prevailing Wage Rates
- Attachment B – Pre-Bid Conference Meeting Agenda, Minutes, Handouts, and Attendance List

This addendum is comprised of the following:

- Modifications to Specifications
- Pre-Bid Conference Meeting Agenda, Minutes, Handouts, and Attendance List
- Re-Printing of Plans at Higher Resolution

Inclusion of this Addendum must be acknowledged by inserting its number, CWF 2016-03 – Addendum 1 on page 10 of 11 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 the grounds that it is not responsive.



II. MODIFICATIONS TO SPECIFICATIONS

A. Section 102-16B - Modifications to the GNHWPCA Technical Specifications

- a. Add Section 60.S Modification to **Item 969 “Engineer’s Field Office”**, **INSERT** the following:

60.S Modification to Item 969 “Engineer’s Field Office”:

The following modifications are made to Item 969 of the Standard Specifications:

Under the "Materials" heading, of this Item: **Delete** the Digital Camera section from the “1. General Requirements for all Engineers’ Offices” list.

Under the "Construction Details" heading, of this Item: To the end of the last paragraph under “General Requirements”, **Add** the following:

“All included MATERIALS are property of the Contractor, and shall be removed upon completion of the work.”

B. Section 102-19 – Connecticut Department of Labor (CT DOL) - Prevailing Wage Rates

- a. A copy of the CT DOL Prevailing Wage Rates for the Project has been included as **Attachment A**.
- b. The bidder should utilize the CT DOL Prevailing Wages Rates as well as the Federal Davis Bacon Wage Rates when developing the Itemized Proposal for the Project.

III. PRE-BID CONFERENCE MEETING AGENDA, MINUTES, HANDOUTS, AND ATTENDANCE LIST – See **Attachment B**

IV. RE-PRINTING OF PLANS AT HIGHER RESOLUTION

Higher resolution prints of the Plans obtained with the bid package are being forwarded to all prospective bidders/plan holders. An electronic copy of the plans is available at:

<https://kleinfelder.filetransfers.net/downloadPublic/21cxonq98jzvq8s/h5sorfeope5jike>

Attachment A

*Section 102-19 - Connecticut Department of Labor (CT DOL) Prevailing
Wage Rates*

Section 102-19 Wage Rates

(State of Connecticut Wage Rates apply to this Project)

(The higher of the CT State or Federal Wage Rates apply)

Project: West River CSO Improvement

**Minimum Rates and Classifications
for Heavy/Highway Construction**

ID#: H 24229

**Connecticut Department of Labor
Wage and Workplace Standards Division**

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number: CWF 2016-03

Project Town: New Haven

FAP Number:

State Number:

Project: West River CSO Improvement

CLASSIFICATION	Hourly Rate	Benefits
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01) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters. **See Laborers Group 5 and 7**

1) Boilermaker	33.79	34% + 8.96
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1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	33.48	30.21
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2) Carpenters, Piledrivermen	32.60	25.34
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2a) Diver Tenders	32.60	25.34
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3) Divers	41.06	25.34
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03a) Millwrights	33.14	25.74
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4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	48.55	20.45
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4a) Painters: Brush and Roller	32.72	20.45
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4b) Painters: Spray Only	35.72	20.45
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4c) Painters: Steel Only	34.72	20.45
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4d) Painters: Blast and Spray	35.72	20.45
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4e) Painters: Tanks, Tower and Swing	34.72	20.45
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5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	37.50	26.31+3% of gross wage
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6) Ironworkers: Ornamental, Reinforcing, Structural, and Precast Concrete Erection	35.47	33.39 + a
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7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4 G-1, G-2, G-8, G-9)	41.62	30.36
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---LABORERS----

8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist	29.25	19.50
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9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen	29.50	19.50
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10) Group 3: Pipelayers	29.75	19.50
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11) Group 4: Jackhammer/Pavement breaker (handheld); mason tenders (cement/concrete), catch basin builders, asphalt rakers, air track operators, block paver, curb setter and forklift operators	29.75	19.50
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12) Group 5: Toxic waste removal (non-mechanical systems)	31.25	19.50
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13) Group 6: Blasters	31.00	19.50
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Group 7: Asbestos/lead removal, non-mechanical systems (does not include leaded joint pipe)	30.25	19.50
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Group 8: Traffic control signalmen	16.00	19.50
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Project: West River CSO Improvement

Group 9: Hydraulic Drills	29.30	18.90
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---LABORERS (TUNNEL CONSTRUCTION, FREE AIR). Shield Drive and
Liner Plate Tunnels in Free Air.----

13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men, Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable Tenders	32.22	19.50 + a
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13b) Brakemen, Trackmen	31.28	19.50 + a
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---CLEANING, CONCRETE AND CAULKING TUNNEL----

14) Concrete Workers, Form Movers, and Strippers	31.28	19.50 + a
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15) Form Erectors	31.60	19.50 + a
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---ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL
IN FREE AIR:---

16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	31.28	19.50 + a
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17) Laborers Topside, Cage Tenders, Bellman	31.17	19.50 + a
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18) Miners	32.22	19.50 + a
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---TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED
AIR: ---

18a) Blaster	38.53	19.50 + a
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19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	38.34	19.50 + a
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20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	36.41	19.50 + a
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21) Mucking Machine Operator	39.11	19.50 + a
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---TRUCK DRIVERS---(*see note below)

Two axle trucks	29.13	22.32 + a
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Three axle trucks; two axle ready mix	29.23	22.32 + a
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Three axle ready mix	29.28	22.32 + a
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Four axle trucks, heavy duty trailer (up to 40 tons)	29.33	22.32 + a
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Four axle ready-mix	29.38	22.32 + a
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Heavy duty trailer (40 tons and over)	29.58	22.32 + a
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Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	29.38	22.32 + a
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---POWER EQUIPMENT OPERATORS---		
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Group 1: Crane handling or erecting structural steel or stone, hoisting engineer (2 drums or over), front end loader (7 cubic yards or over), Work Boat 26 ft. & Over, Tunnel Boring Machines. (Trade License Required)	39.30	24.05 + a
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Group 2: Cranes (100 ton rate capacity and over); Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer); Bauer Drill/Caisson. (Trade License Required)	38.98	24.05 + a
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Group 3: Excavator/Backhoe under 2 cubic yards; Cranes (under 100 ton rated capacity), Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Fine Grade (slopes, shaping, laser or GPS, etc.). (Trade License Required)	38.24	24.05 + a
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Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	37.85	24.05 + a
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Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Spreader; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	37.26	24.05 + a
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Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	37.26	24.05 + a
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Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	36.95	24.05 + a
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Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and Under Mandrel).	36.61	24.05 + a
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Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine.	36.21	24.05 + a
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Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader regardless of attachments (Bobcat or Similar); Fork Lift, Power Chipper; Landscape Equipment (including hydroseeder).	35.78	24.05 + a
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Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc. 33.74 24.05 + a

Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment. 33.74 24.05 + a

Group 12: Wellpoint Operator. 33.68 24.05 + a

Group 13: Compressor Battery Operator. 33.10 24.05 + a

Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain). 31.96 24.05 + a

Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator. 31.55 24.05 + a

Group 16: Maintenance Engineer/Oiler 30.90 24.05 + a

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Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	35.21	24.05 + a
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Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license).	32.79	24.05 + a
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**NOTE: SEE BELOW

---LINE CONSTRUCTION---(Railroad Construction and Maintenance)---

20) Lineman, Cable Splicer, Technician	47.14	6.5% + 20.98
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21) Heavy Equipment Operator	42.43	6.5% + 18.84
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22) Equipment Operator, Tractor Trailer Driver, Material Men	40.07	6.5% + 18.27
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23) Driver Groundmen 25.93 6.5% + 8.53

23a) Truck Driver 35.36 6.5% + 16.88

---LINE CONSTRUCTION---

24) Driver Groundmen 30.92 6.5% + 9.70

25) Groundmen 22.67 6.5% + 6.20

26) Heavy Equipment Operators 37.10 6.5% + 10.70

27) Linemen, Cable Splicers, Dynamite Men 41.22 6.5% + 12.20

Project: West River CSO Improvement

28) Material Men, Tractor Trailer Drivers, Equipment Operators

35.04

6.5% + 10.45

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Welders: Rate for craft to which welding is incidental.

**Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.*

***Note: Hazardous waste premium \$3.00 per hour over classified rate*

ALL Cranes: When crane operator is operating equipment that requires a fully licensed crane operator to operate he receives an extra \$4.00 premium in addition to the hourly wage rate and benefit contributions:

1) Crane handling or erecting structural steel or stone; hoisting engineer (2 drums or over)

2) Cranes (100 ton rate capacity and over) Bauer Drill/Caisson

3) Cranes (under 100 ton rated capacity)

Crane with 150 ft. boom (including jib) - \$1.50 extra

Crane with 200 ft. boom (including jib) - \$2.50 extra

Crane with 250 ft. boom (including jib) - \$5.00 extra

Crane with 300 ft. boom (including jib) - \$7.00 extra

Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyman instructing and supervising the work of each apprentice in a specific trade.

~~Connecticut General Statute Section 31-55a: Annual Adjustments to wage rates by contractors doing state work ~~

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page: www.ct.gov/dol.

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

Contracting Agencies are under no obligation pursuant to State labor law to pay any increase due to the annual adjustment provision.

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Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

As of:

Friday, January 05, 2018

Attachment B

Pre-Bid Conference Meeting Agenda, Minutes, Handouts, and Attendance List



PRE-BID MEETING AGENDA

CWF 2016-03 WEST RIVER CSO IMPROVEMENT PROJECT

260 EAST STREET
NEW HAVEN, CT 06511

Wednesday, January 10, 2018
10:00 AM

INTRODUCTIONS AND SIGN-IN KLEINFELDER / GNHWPCA

- Project Manager: Mario Ricoszi, GNHWPCA
- Project Manager: Thomas Loto, Kleinfelder

BIDDER REQUIREMENTS KLEINFELDER

- Bid Opening: Tuesday February 6, 2018 at 11:00 A.M.
- Time of Completion: 365 Calendar Days
- CT DEEP Clean Water SRF Requirements
 - Clean Water Fund/CT DEEP Construction Contract Provisions
 - CT DEEP Project Sign
 - Contractor's Exempt Purchase Certificate
 - MBE/WBE Requirements
 - American Iron and Steel (AIS) Requirements
 - State and Federal Wage Rates (Prevailing Wage/Davis-Bacon)
- Request for Clarification of Bid Documents
 - Email to engineering@gnhwpc.com and tloto@kleinfelder.com
 - To be received 10 calendar days before Bid Opening
- Addendum Schedule
 - Addendum #1: Meeting Minutes and Wage Rates
 - Last Addendum will be issued 5 days before Bid Opening
- Bid Submittal Requirements - Review Bidder's Checklist
 - Bid Proposal
 - Bid Security/Bond
 - Bidder's Qualifications Form
 - MBE/WBE Forms
 - State of Connecticut DAS Pre-Qualification Certificate and Update (Bid) Statement
 - Independent Land Surveyor for Construction Monitoring
 - American Iron and Steel (AIS) Certification

PROJECT OVERVIEW AND DESCRIPTION OF PROPOSED WORK KLEINFELDER

Goal: Complete improvements to Regulators 003, 004, and 006 to reduce combined sewer overflows (CSOs) to the West River.

- Project Background and Design Intent
- Worksite Locations
 - CSO Regulator 003 – Orange Avenue
 - CSO Regulator 004 – Ella Grasso Boulevard
 - CSO Regulator 006 – Whalley Avenue
- Key Project Components
 - Test Pit Activities
 - Mini Piles and Pile Caps
 - Precast Structures



- Stop Log Weirs
- Existing Regulator Modifications
- Temporary Bridge Design for Daily Traffic Management
- Signage for Daily Detours
- Landscaping and Restoration
- Construction Sequencing
 - CSO 003 and 006 will require night work
 - Maintain one lane of traffic at night
- Work Restrictions
 - Eagle nesting area for CSO 004
 - No storage at CSO 004 during Eagle nesting period (Feb 1 – Aug 1)
- Construction Safety
 - Active Combined Sewer
 - Confined Space Entry Requirements

PERMITTING AND STAKEHOLDER COORDINATIONKLEINFELDER

- Utility Coordination
 - CSO structure location may be modified based on utility information
- Coordination with the City of New Haven
 - Street Excavation Permit – Encroachment Permit
 - Parks Special Permit
- Coordination with the CT DOT
 - Encroachment Permit
 - Traffic and Pedestrian Management
 - Whalley Avenue Bridge
 - Temporary bridge design to be submitted to Engineer for review by CT DOT
- Coordination with GNHWPCA
 - 24-hour notice prior to any flow handling/bypass
- Other Permits
 - National Diversity Database Determination (NDDDB) Permit
 - State Historic Preservation Office (SHPO) Permit

SITE VISITALL

Action Items:



PRE-BID MEETING MINUTES

CWF 2016-03 WEST RIVER CSO IMPROVEMENT PROJECT

260 EAST STREET
NEW HAVEN, CT 06511

Wednesday, January 10, 2018
10:00 AM

ATTENDANCE

NAME	COMPANY
Mario Ricozzi (MR)	GNHWPCA
Luigi DiMonaco (LD)	GNHWPCA
Bruce Kirkland (BK)	GNHWPCA
Tom Sgroi (TS)	GNHWPCA
Thomas Loto (TL)	Kleinfelder
Jonnas Jacques (JJ)	Kleinfelder
Lynn Stabnick (LS)	VMS Construction
Frank Mastriano (FM)	L Holzner Electric Company
Mike Weinzimmer (MW)	CH Nickerson

INTRODUCTIONS AND SIGN-IN GNHWPCA

The sign-in sheet was passed around to all attendees.

Tom Sgroi – Opened the meeting with a welcome to all attendees and introduced Mario Ricozzi as the Manager of Design for Clean Water Funded Projects and Bruce Kirkland as the Senior Engineer. Mario will be the Project Manager for GNHWPCA who will handle office and administrative functions and Luigi DiMonaco will be the main contact for field activities during the construction period and will be GNHWPCA’s field representative. Thomas Loto will be the Project Manager for Kleinfelder and Jonnas Jacques will be the project engineer for the project.

Mario Ricozzi – there were 4 projects submitted under the same CT DEEP Clean Water SRF application. Along with the West River CSO Improvement Project (CWF – 2016-03) were:

- Closing Regulators 012 & 020 (Project No: CWF - 2016-02)
 - Pre-Bid: Monday, 1/16/18 @ 2PM
- Improvements to Regulators 034 & 025 (Project No: CWF - 2016-05)
 - Pre-Bid: Tuesday, 1/17/18 @ 10AM
- CSO Reduction Utilizing Green Infrastructure (Project No: CWF - 2016-07)
 - Pre-Bid: Wednesday, 1/18/18 @ 10AM

BIDDER REQUIREMENTS KLEINFELDER

Thomas Loto – an overview of the bidder requirements was provided, which included the following:

- Bid Opening: Tuesday February 6, 2018 at 11:00 A.M.
- Time of Completion: 365 Calendar Days
- CT DEEP Clean Water SRF Requirements
 - Clean Water Fund/CT DEEP Construction Contract Provisions
 - CT DEEP Project Sign
 - Contractor’s Exempt Purchase Certificate
 - MBE/WBE Requirements (3% MBE/ 5% WBE)
 - American Iron and Steel (AIS) Requirements
 - State and Federal Wage Rates (Prevailing Wage/Davis-Bacon)
 - Wage rates will be included in the first addendum



- Request for Clarification of Bid Documents
 - Email to engineering@gnhwpc.com and tloto@kleinfelder.com
 - To be received 10 calendar days before Bid Opening
- Addendum Schedule – addenda and bidder questions will be addressed through emailed
 - Addendum #1: Meeting Minutes and Wage Rates
 - Last Addendum will be issued 5 days before Bid Opening
- Bid Submittal Requirements - Review Bidder's Checklist
(bidders must pick up a separate Project Manual including the Itemized Proposal along with GNHWPCA Standard Specifications)
 - Bid Proposal
 - Bid Security/Bond
 - Bidder's Qualifications Form
 - MBE/WBE Forms
 - State of Connecticut DAS Pre-Qualification Certificate and Update (Bid) Statement
 - Independent Land Surveyor for Construction Monitoring
 - American Iron and Steel (AIS) Certification

PROJECT OVERVIEW AND DESCRIPTION OF PROPOSED WORK..... KLEINFELDER

Jonnas Jacques – an overview of the project and a description of the key work items was provided, which included the following:

Goal: Complete improvements to Regulators 003, 004, and 006 to contain as much sewer flow within collection system during wet weather events and maximize the use of the existing system's storage capacity (through both the trunk lines and storage tank) in an effort to reduce combined sewer overflows (CSOs) to the West River

- Worksite Locations
 - CSO Regulator 003 – Orange Avenue at Ella Grasso Boulevard
 - 54" brick overflow pipe, approx. 3-4' below grade
 - Built on piles according to records
 - Will require the relocation of existing catch basin storm drain lines
 - CSO Regulator 004 – Ella Grasso Boulevard at Legion Avenue
 - 5' x 3' concrete overflow culvert, approx. 10-12' below grade
 - Off the road within the West River Memorial Park
 - CSO Regulator 006 – Whalley Avenue at Fitch Street
 - Twin 24" overflow pipes connected to a rectangular outfall with brick walls and a concrete ceiling and floor
 - The proposed structure location is in close proximity to the Whalley Avenue bridge
 - At each proposed regulator location, the construction will involve excavating down to the overflow pipe, support that open excavation, and performing modification to the pipe in accordance with the Drawings and GNHWPCA standards. Each proposed regulator is a "doghouse" structure over the existing overflow pipe.
- Key Project Components
 - Test Pitting Activities – Test pits will be performed at each proposed CSO regulator location to identify the presence and configuration of the existing piles upon which the pipelines are believed to have been built. Also test pit information will be used to identify the location of existing utilities. At the CSO 003 locations, the confirmed location of telecommunication and gas utility lines may have an impact on the location and size of the proposed regulator structure.
 - Mini Piles and Pile Caps – each proposed regulator structure has been designed to have their own minipile design and cast-in-place concrete pile cap.



- Precast Structures – There are components of each proposed regulator structure that will be precast concrete units.
- Stop Log Weirs – The interior of each proposed regulator will be outfitted with a new stop log weir. The stop logs are pressure treated timber elements set into fabricated stainless-steel channel grooves.
- Existing Regulator Modifications – the existing regulators for each location will also receive modifications.
- Temporary Bridge Design for Daily Traffic Management – a temporary bridge will necessary to maintain the number of travel lanes required by CT DOT during the construction of the CSO Regulator 003.
- Signage for Daily Detours – Traffic and pedestrian management plans as approved by CT DOT will have to be adhered to at each location where daily traffic detour signage will become necessary.
- Landscaping and Restoration – each work location will require surface restoration. Additional landscaping and tree planting has been designed for the CSO regulator 004 site.
- Construction Sequencing
 - Suggested constructions sequencing plans have been provided for the CSO 003 and 006 locations.
 - The construction of CSO Regulator 003 and 006 will have to be done during nighttime hours when the impact to traffic is reduced. The Contractor must maintain at least one lane of traffic in each direction at night.
- Work Restrictions
 - The CSO Regulator 004 area is inhabited by bald eagles. Per the requirement of CT DEEP, no work or equipment storage at CSO 004 will be allowed during eagle nesting period (Feb 1, 2018 – Aug 1, 2018 and Feb 1, 2019 – Aug 1, 2019)
- Construction Safety
 - The Contractor shall be aware that each work site locations consists of an active combined sewer pipeline.
 - The contractor shall abide by the OSHA Confined Space Entry requirements and provide up-to-date certifications for all employees working on the project sites.

Mario Ricozzi – since the pipelines are influenced by wet weather events, the Contractor shall be aware of the change in flow volumes and understand that the occurrence of these events cannot be controlled.

PERMITTING AND STAKEHOLDER COORDINATION..... KLEINFELDER

Jonnas Jacques – a review of the project permitting and stakeholder coordination requirements was discussed, which included the following:

- Utility Coordination
 - Utility locations are based on survey information and record drawings.
 - The CSO Regulator 003 structure location may be modified based on utility information.
- Coordination with the City of New Haven
 - Contractor to obtain a Street Excavation Permit and an Encroachment Permit from the City of New Haven
 - Contractor to obtain a City of New Haven Parks Special Permit for work within the West River Memorial Park (CSO Regulator 004)
- Coordination with the CT DOT
 - Contractor to obtain an Encroachment Permit
 - Traffic and Pedestrian Management plans have been designed and are included in the Drawings



- o Careful consideration should be given to work in the proximity of the Whalley Avenue Bridge
- o Temporary bridge design to be submitted to Engineer for review by CT DOT
- Coordination with GNHWPCA
 - o Contractor to provide 48-hour notice prior to any flow handling/bypass of the active combined sewer lines
- Other Permits of note include...
 - o National Diversity Database Determination (NDDDB) Permit
 - o State Historic Preservation Office (SHPO) Permit

SITE VISIT ALL

Jonnas Jacques – a map providing direction to the three CSO regulator locations for the project was provide to all attendees (see attached).

All – it was proposed that the attendees make a visit to the site. The attendees decided to forego visiting any of the project sites as a group.

ADDITIONAL NOTES..... ALL

Mario Ricozzi – the Notice to Proceed (NTP) is expected to be issued around early May 2018.

QUESTIONS..... ALL

1. Q: Will CT DOT or the City of New Haven require bonding? How do you price out the bonding?
A: Mario Ricozzi will inquire with CT DOT about the value of the bond. (Awaiting Response)
2. Q: Are there any identified staging/storage areas?
A: GNHWPCA can provide limited storage space for vehicles at the treatment facility. Staging of equipment outside of the trailer will not be allowed at CSO 004 during the eagle nesting period.
3. Q: Is there a 36” water main on Whalley Avenue near the proposed CSO Regulator 006 location?
A: There is a water main on Whalley Avenue but it is not immediately adjacent to the proposed CSO 006 location.
4. Q: What are the ages of the brick sewer?
A: The pipe adjacent to Regulator 003 was installed circa 1891. The pipe adjacent to Regulator 004 was installed circa 1892. The pipe adjacent to Regulator 006 was installed circa 1917. This information is based on records and field inspections, which have been included in the Drawings.

Action Items:

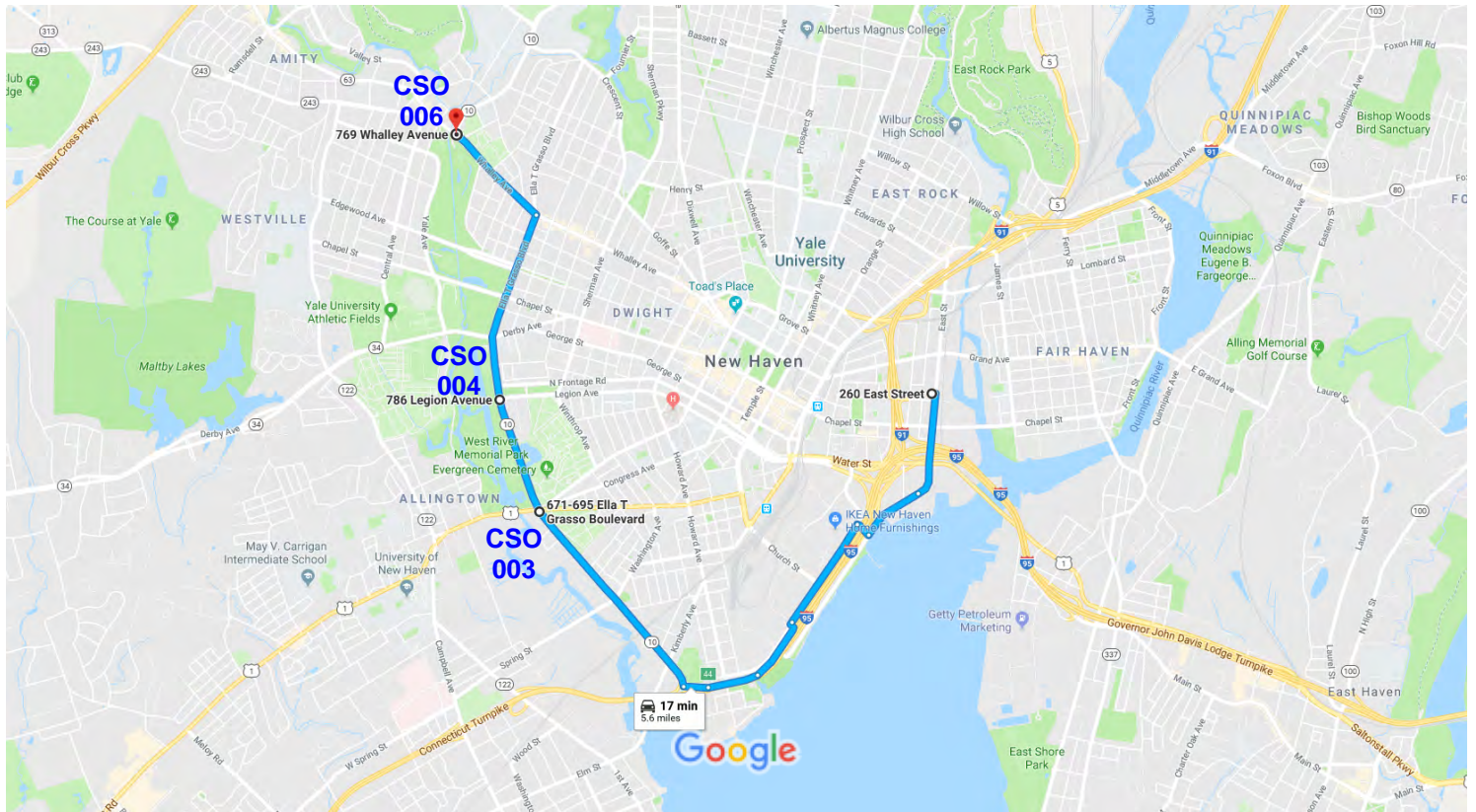
Item Number	Description	Responsible Party
1	Include Prevailing Wage Rates in Addendum #1	Kleinfelder
2	Include Pre-Bid Meeting Minutes in Addendum #1	Kleinfelder
3	Include CT DEEP Comments in Addendum #1	Kleinfelder



260 East St, New Haven, CT 06511 to 769 Whalley Ave, New Haven, CT 06515

Drive 5.6 miles, 17 min

West River CSO Improvement Project Site Visit - GNHWPCA Office to Work Sites



Map data ©2018 Google 2000 ft

260 East St

New Haven, CT 06511

- ↑ 1. Head south on East St toward Ives Pl 0.5 mi
- ↑ 2. Continue onto Long Wharf Dr 0.3 mi
- ↘ 3. Turn right onto Canal Dock Rd 423 ft
- ↙ 4. Turn left at the 1st cross street onto Sargent Dr 0.6 mi
- ↙ 5. Turn left onto the Interstate 95 S ramp to N.Y.City 0.3 mi
- ↙ 6. Merge onto I-95 S 0.3 mi
- ↘ 7. Take exit 44 for CT-10 toward Boulevard 0.1 mi
- ↘ 8. Turn right onto CT-10 N/Ella T Grasso Blvd 1.2 mi

Arrive at CSO 003 (Orange Ave & Ella Grasso Blvd)

10 min (3.4 mi)

671-695 Ella T Grasso Blvd

New Haven, CT 06519

- ↑ 9. Head northwest on Ella T Grasso Blvd toward Columbus Ave

Arrive at CSO 004 (Legion Ave & Ella Grasso Blvd)

0.6 mi

2 min (0.6 mi)

786 Legion Ave

New Haven, CT 06519

- ↑ 10. Head north on Ella T Grasso Blvd toward N Frontage Rd

- ↩ 11. Turn left onto Whalley Ave

Arrive at CSO 006 (Whalley Ave & Fitch St)

1.0 mi

0.6 mi

6 min (1.5 mi)

769 Whalley Ave

New Haven, CT 06515

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

