



ADDENDUM NO. 2

Greater New Haven Water Pollution Control Authority

LARGE Diameter Collection System Assessment and Rehabilitation Program (2019-01) Project No. SSR 2019-01

TO: ALL PLAN HOLDERS
DATE: March 18, 2019

This addendum shall be attached to the Contract Documents of Project No. SSR 2018-02. Each bidder shall acknowledge receipt of this Addendum by entering the Addendum number and date received in the space provided in **Section §102-20 Itemized Proposal**.

The Invitation to Bid is hereby modified as follows:

The bid date has been postponed to Thursday, March 21, 2019 at 10:00 AM.

The Specifications and Bid Documents are hereby modified as follows:

1. Modification to Section §102-20 Itemized Proposal

Replace Schedule of Bid Items with the enclosed pages (Attachment 2A). GNHWPCA has made Item 205 Trench Excavation and Backfill, and Item 407 Bituminous Concrete Trench Repair, bid allowances.

2. New Section §109-16 Allowance Procedure

Add new Section §109-16 Allowance Procedure to the GNHWPCA Standard Specifications, General Provisions (Attachment 2B).

3. Appendix D. Contract Drawings

Revised Drawing No. 9 shows the location of a proposed 18" riser cleanout to be installed by the Authority to facilitate and shorten the required bypass system on Canner Street (Attachment 2C).

Project No. SSR 2019-01 provided for questions or requests for clarification to be received in writing by the Authority through March 15, 2019 at 12:00 PM (As stated during the Pre-Bid meeting held February 28, 2019). The following is provided in response to questions received to date.

Questions submitted by Michael Cronin, Insituform Technologies

1. Discharge piping to accommodate flows shown in the specification will likely be 8", 12" or larger. Will the City allow discharge pipe to be laid above ground, in the gutter/along the curb (generally 4" or less reveal), and only buried at handicapped ramps, lot entrances and cross streets? This would mean that cars would park adjacent to the pipe and people would have to step over it to get to the sidewalk. This may also block car doors from opening, causing the cars to park further into traffic. Will this be allowed, or will all parking spots need to be purchased and closed for the duration of the project?

Response: Yes, the City of New Haven will allow parking spots to be purchased/closed for the duration of the lining installation on a per city block basis, including adjacent city blocks as required for bypass purposes. Contractor must work efficiently to minimize the impact to neighbors and businesses.

2. Please confirm item 205 and 407 apply to any individual bypass that may be necessary as well as main line bypass.

Response: Yes, that is correct.

Questions submitted by Dan Rosen, Granite Inliner

1. The Water Research Center's (WRc) CIPP design for egg shaped sewers has been accepted by owners and used by installers to successfully complete CIPP installations in egg shaped sewers. Would the GNHWPCA accept a WRc partially deteriorated design full ground water depth? 3' below surface? Or using a height of groundwater at half the distance between rim and crown?

Response: For this project, GNHWPCA will accept a CIPP liner design assuming a water table condition at 5 feet below the ground surface, except at the James Street location where it is assumed that the water table condition is at the ground surface.

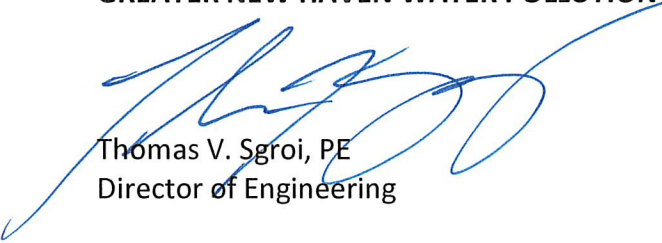
2. Manhole NUNU03M0521 on George St has (3) lines incoming of different diameters and flows. The design flow of George St is 4MGD, is this the total of the incoming flows on George or should this be used for each incoming line on George?

Response: Below is a list of theoretical dry weather flows on large sewer pipes connecting to some of the sewer segments in this rehabilitation project.

Street	Average Daily Flow (ADF)
Howe Street	700,000 gal/day
Dwight	600,000 gal/day
Orange Street	400,000 gal/day
Livingston Street	4,000,000 gal/day

- END OF ADDENDUM No. 2 -

**ADDENDUM No. 2 ISSUED BY:
GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY**



Thomas V. Sgroi, PE
Director of Engineering

ATTACHMENT 2A

GNHWPCA PROJECT NO. SSR 2019-01

GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY
Project: LARGE Diameter Collection System Assessment and
Rehabilitation Program (2019-01)
Project Number: SSR 2019-01



Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
205	1	Allow.	Allowance Trench Excavation and Backfill For - Eight Thousand Dollars	\$ 8,000	00	\$ 8,000	00
407	1	Allow.	Allowance Bituminous Concrete Trench Repair Class 2, Thickness 4 inches For - Thirty Five Thousand Dollars	35,000	00	35,000	00
516	1	LS	Lump Sum Sanitary Sewer Flow Control and Bypass Pumping For -				
518.01.1	1283	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 20"x30" Brick For -				
518.01.2	849	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 25"x37" Brick For -				
518.01.3	125	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 36" Wood For -				
518.01.4	842	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 30"x45" Brick For -				

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Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
518.01.5	824	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 35"x52" Brick For -	_____	_____	_____	_____
518.01.6	1056	LF	Linear Foot Sanitary Sewer Hydraulic Cleaning (Light) 48" Brick For -	_____	_____	_____	_____
520.01.1	1283	LF	Linear Foot 20"x30" Sanitary Sewer CIPP Lining For -	_____	_____	_____	_____
520.01.2	849	LF	Linear Foot 25"x37" Sanitary Sewer CIPP Lining For -	_____	_____	_____	_____
520.01.3	125	LF	Linear Foot 36" Sanitary Sewer CIPP Lining For -	_____	_____	_____	_____
520.01.4	842	LF	Linear Foot 30"x45" Sanitary Sewer CIPP Lining For -	_____	_____	_____	_____

GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY
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Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
520.01.5	824	LF	Linear Foot 35"x52" Sanitary Sewer CIPP Lining For - _____	_____	_____	_____	_____
520.01.6	1056	LF	Linear Foot 48" Sanitary Sewer CIPP Lining For - _____	_____	_____	_____	_____
520.10	122	EA	Each Re-establish House Service Connections For - _____	_____	_____	_____	_____
520.11.1	10	EA	Each Cut Protruding (Clay/Plastic/DI/CI/CONCRETE) Taps For - _____	_____	_____	_____	_____
522.01	1283	LF	Linear Foot Sanitary Sewer CCTV Inspection, 20"x30" Sewer For - _____	_____	_____	_____	_____
522.02	849	LF	Linear Foot Sanitary Sewer CCTV Inspection, 25"x37" Sewer For - _____	_____	_____	_____	_____

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ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
522.03	125	LF	Linear Foot Sanitary Sewer CCTV Inspection, 36" Sewer For - _____ _____	_____	_____	_____	_____
522.04	842	LF	Linear Foot Sanitary Sewer CCTV Inspection, 30"x45" Sewer For - _____ _____	_____	_____	_____	_____
522.05	824	LF	Linear Foot Sanitary Sewer CCTV Inspection, 35"x52" Sewer For - _____ _____	_____	_____	_____	_____
522.06	1056	LF	Linear Foot Sanitary Sewer CCTV Inspection, 48" Sewer For - _____ _____	_____	_____	_____	_____
970	1	Est.	Estimate Trafficperson For - One Hundred Sixty Thousand Dollars and No Cents	\$	160,000 . 00	\$	160,000 . 00
971	1	LS	Lump Sum Maintenance and Protection of Traffic For - _____ _____	_____	_____	_____	_____

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Schedule Of Bid Items

ITEM NUMBER	ESTIMATED QUANTITY	UNIT	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
				DOLLARS	CTS	DOLLARS	CTS
975	1	LS	Lump Sum Mobilization (Max. 3% of Total Cost)				
			For - _____ _____				

BASE BID
TOTAL OR GROSS SUM IN WORDS: _____ \$ _____
_____ IN FIGURES _____

Signature of Bidder: _____ Dated: _____

Printed Name: _____

Name of Firm: _____

ATTACHMENT 2B

GNHWPCA PROJECT NO. SSR 2019-01

§ 109-16 ALLOWANCE PROCEDURE

Bid allowances are included in base bids as estimates for work that will be completed under the base construction contract, but the exact costs or scope are indeterminate at the time of bid. These amounts are later adjusted to actual costs, once the work is completed. The total of all allowances shall not exceed ten percent of the project's construction value.

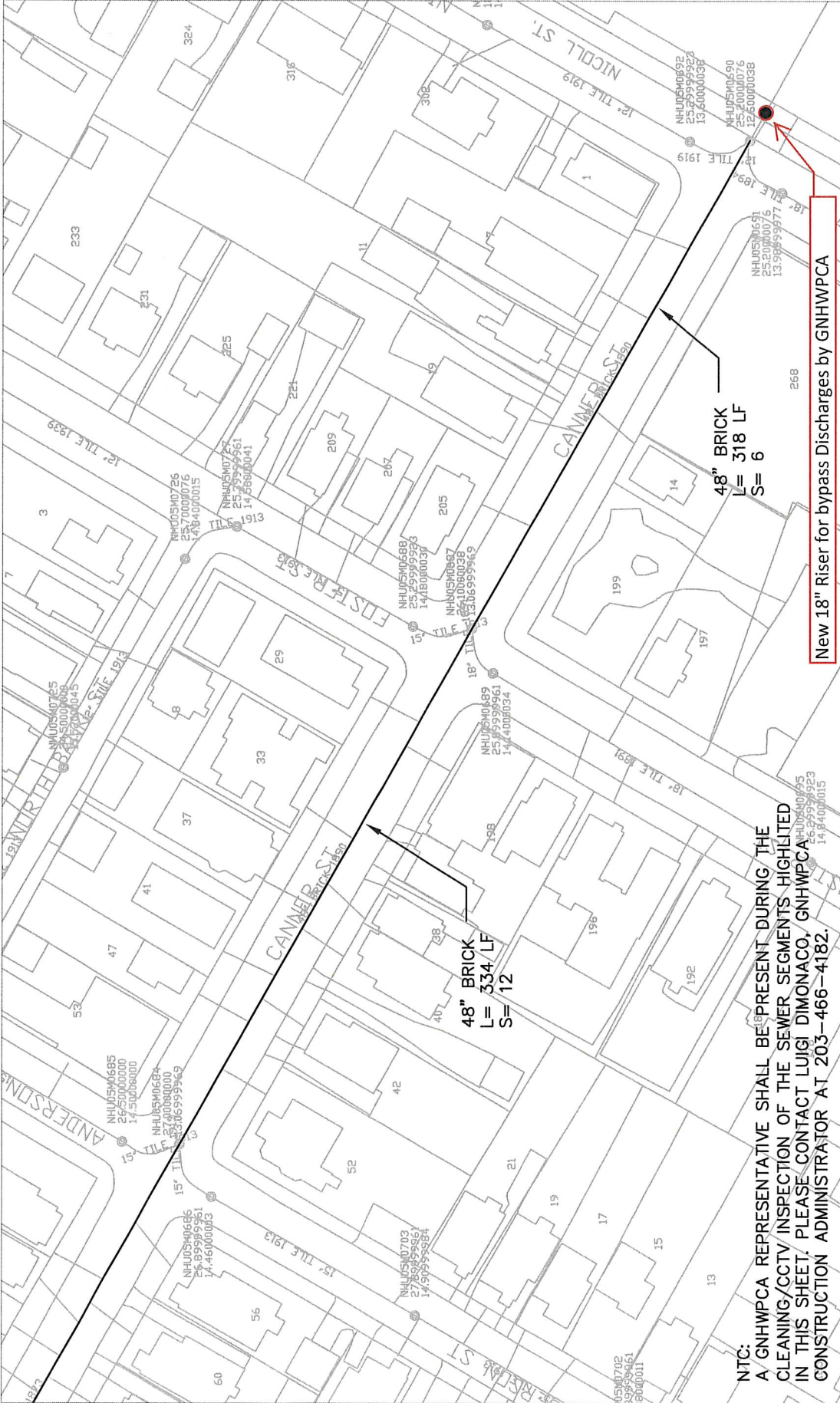
Allowances shall be specifically included and listed on the schedule of bid items.

Treatment of mark-ups for allowances is as follows:

- Allowances are a part of the base contract work; no additional mark-up is credited to the contractor for work performed within the allowance by the contractor or any subcontractor.
- Work performed in excess of an allowance is subject to normal general contractor mark-ups in accordance with the Contract General Provisions, Section §109-04 Extra and Force Account Work.

ATTACHMENT 2C

GNHWPCA PROJECT NO. SSR 2019-01



NTC:
 A GNHWPCA REPRESENTATIVE SHALL BE PRESENT DURING THE
 CLEANING/CCTV INSPECTION OF THE SEWER SEGMENTS HIGHLIGHTED
 IN THIS SHEET. PLEASE CONTACT LUIGI DIMONACO, GNHWPCA
 CONSTRUCTION ADMINISTRATOR AT 203-466-4182.

PLAN
 1" = 80'

LEGEND

L= LINEAR FEET OF PIPE
 S= No. OF SERVICE LATERALS PRESENT



Greater New Haven Water Pollution Control Authority
 ENGINEERING DEPARTMENT
 260 East Street
 New Haven, CT 06511
 (203) 466 6280 p (203) 722-1564 f

Drawn By: RC | Approved By: TS | Date: 2/13/2019

**LARGE DIAMETER COLLECTION SYSTEM
 ASSESSMENT AND REHABILITATION PROGRAM
 (2019-01)**

Project No.: SSR 2019-01 | Sheet No.: 9 of