

APRIL 10, 2014

NORWICH PUBLIC UTILITIES
NORWICH, CONNECTICUT

DOCUMENTS AND SPECIFICATIONS

FOR THE

DEEP RIVER WATER TREATMENT PLANT TRANSMISSION MAIN
REHABILITATION

ADDENDUM NO. 1



The following additions and/or alterations to the contract documents for the above referenced contract are to be incorporated into all general bids for the proposed work.

Inclusion of this Addendum must be acknowledged by inserting the addendum number and date in the specification section entitled "BID FORM". Failure to acknowledge any and all addenda in the above specified specification section may be cause for rejection of the bid by the OWNER on the grounds that it is not responsive to the "INFORMATION FOR BIDDERS".

Addendum No. 1
Page 1 of 4

2652

GENERAL

The meeting minutes from the March 24, 2014 Pre-Bid Meeting are attached.

Addendum No. 1 is as follows:

1. SECTION 00030 – ADVERTISEMENT FOR BIDS
Delete “Friday, April 16, 2014” from the fourth line of the first paragraph and replace with “Wednesday, April 16, 2014”
2. SECTION 02645 – HYDRANTS – PART 1 – GENERAL – 1.01.A – DESCRIPTION Delete “Work included: Provide hydrants as required by the Contract Documents” and replace with “Work included: Provide finished water and raw water hydrants as required by the Contract Documents.”
3. SECTION 02645 - HYDRANTS – PART 2 PRODUCTS – 2.01.A.10. Add the language “Finished water” before Hydrants
4. Add: SECTION 02645 - HYDRANTS – PART 2 PRODUCTS – 2.01.A.11: Raw water hydrants shall receive two field coats of green paint meeting the approval of Norwich Public Utilities. Raw water hydrants will include a lockable hydrant valve operator, lockable hydrant caps. Green lettered on white background signs shall be installed on the lockable 4-1/2” steamer cap and on the two lockable 2-1/2” hydrant caps.
5. Add: SECTION 02645 - HYDRANTS – PART 2 PRODUCTS – 2.01.B

3. The hydrant on Camp Moween Drive shall be equipped with a Storz Hydrant Converter: 5-inch Storz metal face x 4-1/2 inch NH Female with standard Storz cap, powder coated red to match hydrant body
6. Delete SECTION 02645 3.04.A.6 and Replace with “All interior and exterior surfaces above and below ground line shall be shop coated with high performance 2-part epoxy. All iron work left above ground shall have one additional coat of UV resistant high gloss 2-part polyurethane enamel.”
7. Add: SECTION 02950 – 2.01.D – New evergreen trees shall be Colorado Spruce (Picea Pungens) and a minimum of six (6) feet tall

CLARIFICATIONS

1. No boring logs are available to determine the depth of groundwater.
2. SECTION 02667 – PART 2.01.B TEMPORARY DISTRIBUTION PIPING
The temporary distribution piping shall meet the following standards:
 - a) Pipe shall have a minimum internal diameter of 14.9 inches,

- b) A minimum of two parallel pipes shall be used to provide redundancy, and
- c) Pipe shall be suitable for a minimum working pressure of 50 pound per square inch.

The temporary distribution piping does not have to be new. If used piping is incorporated into the project, the pipe shall be thoroughly cleaned and disinfected prior to use. Any used piping shall have only been used in potable water applications prior to this work.

DRAWINGS

- 1. Add Contract Drawing No. ADD-1 for “ADDENDUM NO.1 RAW & FINISHED WATER HYDRANT PLAN.”
- 2. Add Contract Drawing No. ADD-2 for “Crossing of Temporary Transmission Main”

QUESTIONS

- 1. Section 00800 – Supplementary Conditions indicates that the Contractor shall also furnish Efficiency Guarantee Bonds in accordance with the Article entitled ‘Manufacturer’s Experience’ in the Instructions to Bidders and executed on forms approved by the Owner. Additionally, approval of shop drawings for equipment requiring Efficiency Guarantee Bonds will be withheld until the receipt of such bonds. Please confirm if these bonds are required and if so, provide the appropriate forms for review by our bonding company.

Response: Efficiency Guarantee Bonds are not required.

- 2. Section 00800 – Supplementary Conditions states that the Owner or the Contractor is required to maintain Builder’s Risk Insurance on a 100% completed value basis. The Contractor shall not include any costs for Builder’s Risk Insurance premiums during construction unless the Contractor is required to provide such insurance. Section 00810 – Norwich Public Utilities Special Conditions requires Fire and Special Extended Coverage in Builder’s Risk policy in the amount of 100% of insurable completed value. Please confirm whether or not the Contractor is to provide Builder’s Risk insurance for this project.

Response: Builder’s Risk Insurance is not required.

- 3. Section 01100 – Special Project Procedures indicates that a meter and backflow device shall be installed and the Contractor shall pay for water used at the standard resident rate. Please provide the fee schedule associated with the meter, backflow device, and water usage for the Contractor’s use.

Response: There will be no direct charge to the Contractor for the water meter, backflow preventer or water usage. The Contractor will be required to pay a deposit ranging from \$200 to \$500 depending on the size of meter.

4. In the Supplementary Conditions page 00800-6 SC-6.02.B Para D - Will these overtime costs if needed be billed on this contract, at Owner's option?

Response: The working hours define when the Contractor will be allowed to work. Should the Owner permit overtime work, it will be for the Contractor's convenience and at the Contractor's expense. It is anticipated that work for cutting in the valves on the existing water mains will have to be performed at night to minimize the disruption to NPU customers. This work shall be coordinated with the Owner, and no additional payment shall be made for this anticipated night work.

5. Will Traffic Police be required and who will pay for them?

Response: Work on Town of Lebanon roadways does not require traffic police. The Contractor may be required to employ traffic persons as required in Section 01570 of the Detailed Specifications.

END OF ADDENDUM NO. 1

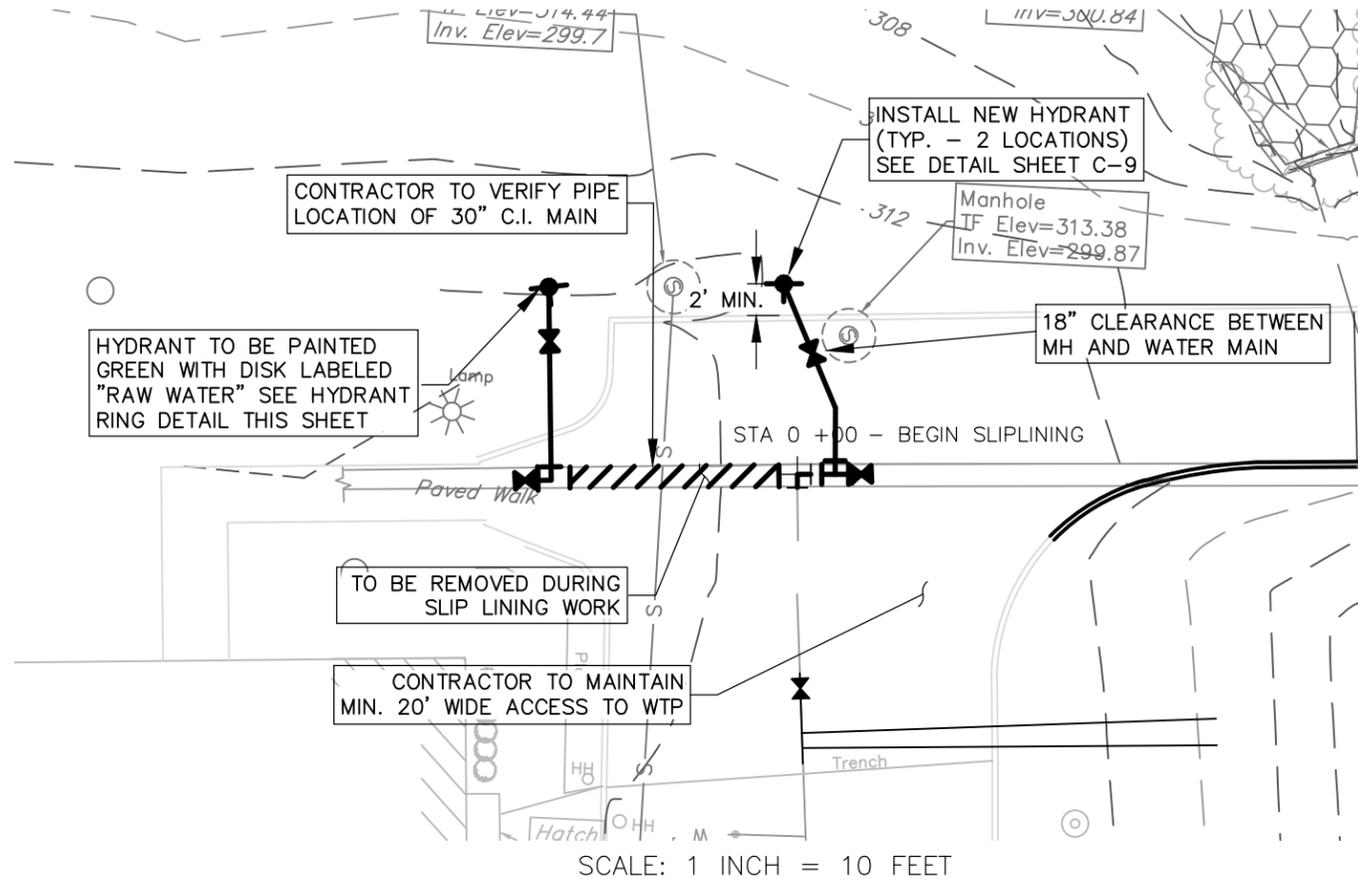
**Deep River Transmission Main
Norwich Public Utilities
Project Pre-Bid Meeting Minutes
March 24, 2014**

1. **Attendees:** Mark Decker (Norwich Public Utilities), John Cordaro (Tata & Howard),
See attached sign-in list.

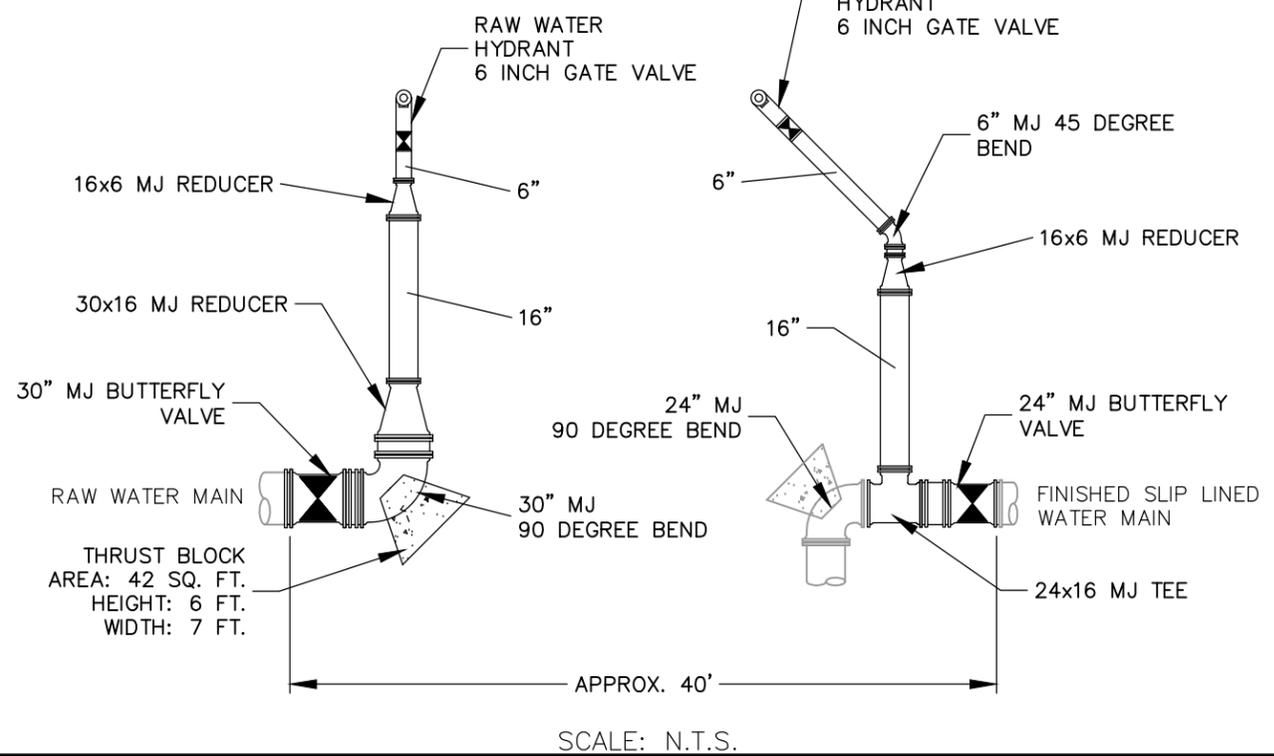
2. **Project Overview:** John Cordaro & Mark Decker – A general description of the project and Tata & Howard’s (T&H) responsibilities of construction administration and resident observation services during project construction were discussed.
 - Substantial completion is set for 120 calendar days with a final completion of 150 days. There are liquidated damages of \$1,300/day. This project is expected to be completed prior to the Deep River Tank project start up.
 - Local residents may allow access to easement. At Rt. 2, access to 45° will be through the gravel driveway. Mark Decker asked that prior to any tree removal, within the easement area, the contractor should mark the trees expected to be removed and review with Norwich Public Utilities (NPU) to see if they can be worked around. A determination will be made during construction if the gravel road will be built in all areas. Where the by-pass pipes extend into a maintained area of a residents backyard the contractor will be required to provide gravel ramping over by-pass so access can be gained to both sides. Also be considerate when working in local resident’s backyards and keep one lane of traffic open at all times on Camp Moween Road.
 - Areas for storage of construction equipment and materials are shown on the project plans.
 - Contractor is responsible to comply with all OSHA Safety Regulations. T&H resident observers are OSHA 30 certified and will be watching for any safety issues
 - Working hours will be Monday – Friday 7:00 a.m. to 5:00 p.m.
 - All construction permitting is through the Town of Lebanon. Cost of road open permits is unknown at this time.
 - Significant ground water can be expected in the area of Route 2 depending on the season. Any dewatering required must be discharged through hay bales & silt fencing for filtering.
 - Payments will be monthly and a schedule for reimbursement will be determined by the Connecticut Department of Health (DPH) at the start of the project. All applications for payment will be submitted to T&H for review and approval, who will then submit to NPU. NPU is then required to submit reimbursement requests to DPH. There will be a 5% retainage held on all invoices.

- This is a Drinking Water State Revolving Fund (DWSRF) / Prevailing Wage project with MBE/WBE and CT prevailing wage requirements, which are described in the specifications.
- Bids will be opened on Wednesday, April 16, 2014 with the possibility of Addenda's up to five (5) days prior to bid opening. All questions must be submitted to T&H in writing so that there is a permanent record of the questions received. Questions can be emailed or faxed to John Cordaro at T&H. An addenda will have responses to the questions received and will be posted on the City of Norwich Purchasing Department web site. No responses will be given to any question received less than five (5) days before the bid opening. This being a DWSRF project awarding of the project has to be approved by DPH before contract execution.

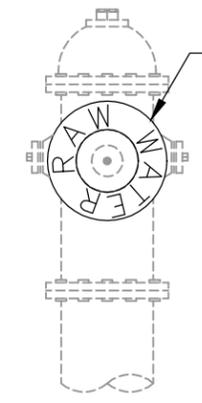
P:\Project_Files\Norwich, CT\2652-2653 DWSRF Projects\2652 DWSRF Transmission Main, Meter & Microturbine Project\Drawings\Transmission Main\Final Drawings\Addendum No. 1\ADDENDUM NO. 1 - C-1 thru C-7, Cover Trans Main (4-1-2014).dwg 2652 4/8/2014 2:49 PM



SCALE: 1 INCH = 10 FEET



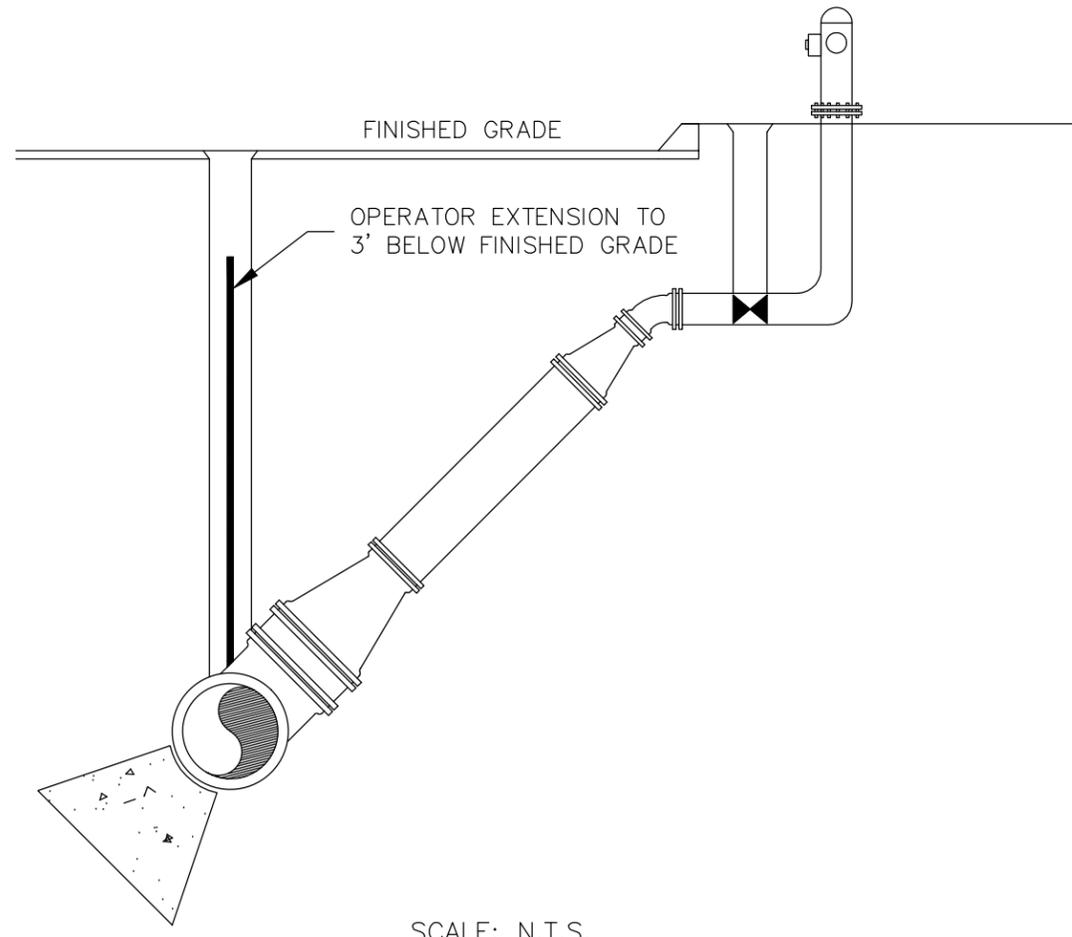
SCALE: N.T.S.



ALL WEATHER PLASTIC RING/DISK
GREEN LETTERING ON
WHITE BACKGROUND

HYDRANT RING FOR 4-1/2" CONNECTION

SCALE: N.T.S.

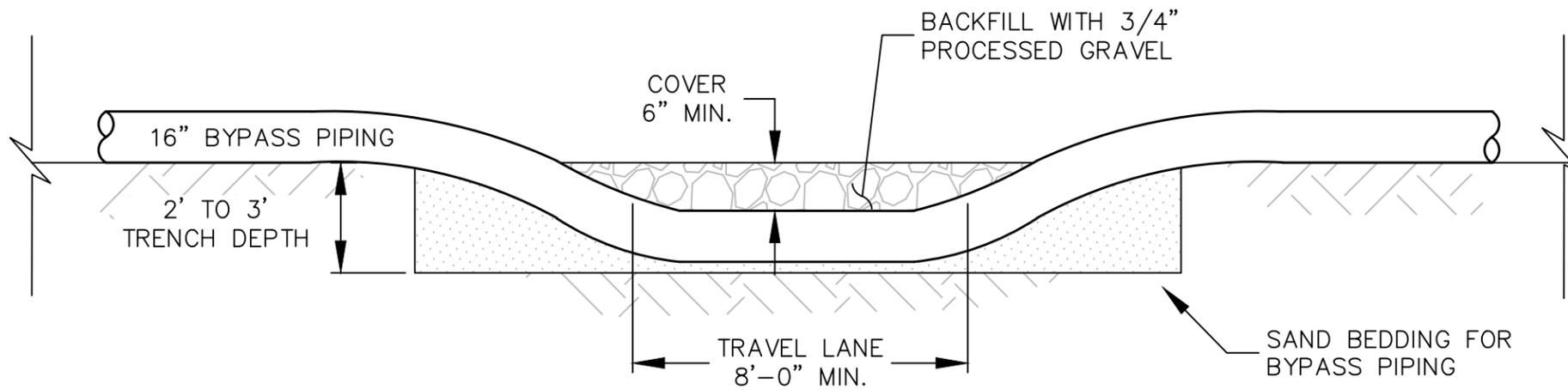


SCALE: N.T.S.

NORWICH PUBLIC UTILITIES LEBANON, CT							
DEEP RIVER WTP TRANSMISSION MAIN REHABILITATION							
ADDENDUM NO. 1 RAW & FINISHED WATER HYDRANT PLAN	Designed By: AMW Checked By: BPR						
<table border="1"> <thead> <tr> <th>Rev.</th> <th>Date</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4/8/2014</td> <td>HYDRANTS, ADDENDUM NO. 1</td> </tr> </tbody> </table>		Rev.	Date	Description	1	4/8/2014	HYDRANTS, ADDENDUM NO. 1
Rev.	Date	Description					
1	4/8/2014	HYDRANTS, ADDENDUM NO. 1					
 TATA & HOWARD							
<small>T&H NO.: 2652 DATE: APRIL 2014 SCALE: AS NOTED</small>							
ADD-1							

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NOTE:
 1.) CONTRACTOR IS RESPONSIBLE FOR RESTORING ACCESS WAY TO ORIGINAL SITE CONDITIONS.



NORWICH PUBLIC UTILITIES
 LEBANON, CT
 DEEP RIVER WTP TRANSMISSION
 MAIN REHABILITATION

ADDENDUM NO. 1
 TEMPORARY BYPASS
 CROSSING

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Rev.	Date	Description
1	4/8/14	ADDENDUM NO. 1



T&H NO: 2652-01
 DATE: APRIL 2014
 SCALE: N.T.S.

ADD-2

Drawn By: AMW
 Designed By: BPP
 Checked By: [Signature]
 Approved By: [Signature]