



**Principals**  
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**TOWNSHIP OF BRICK  
 MUNICIPAL UTILITIES AUTHORITY  
 METEDECONK RIVER AT ROUTE 70 STREAM CROSSINGS**

**Addendum #2  
 August 19, 2022**

**This Addendum #2 consists of eight pages, including this page.**

**Addendum:**

Attached are responses to questions submitted by prospective bidders. A revised Bid Schedule has been included, which reflects an update to the unit price for Pay Item #8.

The bid opening remains the same and is scheduled for **Tuesday, August 30<sup>th</sup>, 2022, at 2:00PM**, and publicly opened and read aloud by the Resident Engineer. No bids will be accepted after said prevailing time and day.

Prior to reviewing this page, first please acknowledge receipt of this notice by signing where indicated and return via fax to Adams, Rehmann & Heggan at (609) 567-8909 A.S.A.P.

\_\_\_\_\_  
 Signature

\_\_\_\_/\_\_\_\_/\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Type/Print Name

\_\_\_\_\_  
 Type/Print Company Name

E-mail: \_\_\_\_\_

**Metedeconk River at Route 70 Stream Crossings**  
**Responses to Bidders Questions**  
**August 19, 2022**

*Note: Duplicate questions were submitted by prospective bidders; they may only appear once in the list below.*

1. It is my understanding that the existing in-line isolation valves will be utilized to shut down the 16" DIP water main to facilitate cutting and capping of the 16" main per drawing sheet 8, Inset C, bullet note 4. Please confirm if this is correct.

*That is correct. The existing valves are to be utilized in conjunction with the indicated Tapping Tees for the decommissioning of the existing Ductile Iron water main. Should the existing isolation valves not be located within the work area, Line Valves are to be utilized for the isolation.*

2. On drawing sheet 10 there is a detail for a line-stop in the upper right corner of the page. What is the purpose of the line-stop detail and if line-stop(s) are required please indicate the location and size of the line-stop(s)?

*Should the existing isolation valves not be located within the work area Line Valves are to be utilized for the isolation.*

3. Bid item 47 is for 18" DI Gate Valves with a quantity of 12 EA. I don't see any 18" gate valves shown on the plans. Please clarify where these valves are located.

*8 units of the 18" DI Gate Valves are if and where directed, the remaining units are to be located at either end of the proposed HDPE for isolation valves as required.*

4. The use of 16" and 8" pipe maybe required to connect DI fittings such as between the 16" MJ gate valve and the branch connection of the 18"x16" MJ tee (plan sheet 5, Inset A and plan sheet 8, inset C) and between the 8" MJ 90 deg fitting and 8" gate valve (plan sheet 8, Inset C). There are numerous statements throughout the spec that state NO ductile iron pipe shall be used on the project. Is the intent to use 16" and 8" dia. C900 PVC for connecting DI fittings?

*All connection piping required shall be C900 PVC.*

5. Given the time constraints provided under the Special Conditions section 24.0, and the contract duration of 120 calendar days is the intent for the project to commence May of 2023?

*The contractor will have to comply with the Special Conditions section 24.0 for access to easement at Coastal Boat Sales. Based on the circumstances at the time, a time extension may be considered.*

6. Due to current supply chain issues pipe suppliers are giving long lead times on pipe materials making it necessary to order materials well in advance of the anticipated construction start date. Will provisions be made to allow for longer material lead time durations, such that material lead times that will not count towards the 120 CD duration of the project?

*Based on the circumstances at the time, a time extension may be considered.*

7. Please confirm if the plastic water filled jersey barriers shown on Contract Drawing 16 of 16 are approved by NJ DOT for placement on Rt. 70 or will we need to install typical Type 4 Precast Jersey Barrier?

*In that the work is limited to at or behind the edge of pavement and the limited duration of installation the specified alternate is acceptable.*

8. Looking to confirm that there is no intent for any of this work to take place within NJDOT State Highway Rt. 70 and all work is behind the curb/edge of pavement.

*The intent is that the work shall be behind the curb/ edge of pavement on Route 70 as indicated.*

9. Is the contractor responsible for disconnection and reinstallation of all electric to signs and light at the local businesses?

*The contractor is responsible to return all work areas to the conditions existing prior to construction including any/ all signage and or electrical connections.*

10. Are there specific time limits to when tie-in work to the existing main have to be made i.e., Nighttime only?

*Beacon 70 Restaurant's service will need to be reconnected outside of their normal working hours of 11 am to 11 pm on weekdays.*

11. What is the potential distance between valves on the existing 16" so we can estimate how much of the line will have to be dewatered to complete removal or tie-in work?

*The approximate distance between the valves is 1,700 LF.*

12. This is predicated that the authority will be able to shut the line down during abandonment and tie-ins.

*There are recently installed line valves on the existing main. Additional line valves may be needed to be installed by the contractor.*

13. Where the pipe removal is shown on the Contract Drawing 5 of 16 between Sta. 624+80 to Sta. 626+45 and between Sta. 628+15 to Sta. 630+92, is this a requirement or can it be grouted in place to minimize disturbance?

*Those lengths of pipe are to be removed.*

14. Based on the working hours listing in Special Conditions Section 1.0, if pull back for the HDD operation needs to run late will that be permitted?

*As stated, operations are to be from 9:00 AM to 4:00 PM unless otherwise informed by the Traffic Bureau of the Township of Brick Police Department.*

15. Creek Elevation is too shallow for an 18" pipe -20 foot minimum will be required to mitigate inadvertent mud returns?

*Additional depth is acceptable at no additional cost to the owner.*

16. 10 degree exit for an 18" pipe may not be feasible 8 degree exit is normal for 20" OD pipe?

*The angle may be adjusted at the contractor's discretion with no additional cost to the owner.*

17. What will be the permitted working hours? Some longer days may be need it for hole preparation and pipe pulling.

*As stated, operations are to be from 9:00 AM to 4:00 PM unless otherwise informed by the Traffic Bureau of the Township of Brick Police Department.*

18. Utility wiring will need to be lowered according to the spec. Who will be required to lower the utility wires?

*The contractor shall be responsible for utility coordination and the associated costs at no additional cost to the owner.*

19. Lay down area is approximately 400 feet, the spec. requires pre-test before pipe pull, please advise?

*The lay down length as indicated is approximately 580 linear feet.*

20. The spec. requires five second test of 800 psi, this is not practical or advised. This can damage pipe.

*The Hydrostatic Test for HDPE 4710 shall be 150 psi for 2 hours.*

21. Will the directional drill be paid on a per linear foot basis? Or a lump sum?

*As stated, directional drill is to be included within the specific line item for example but not limited to: Item 55 8" HDPE Horizontal Drill Pipe with an associated unit of LF (linear foot), Complete and Item 56 18" HDPE Horizontal Drill Pipe, Complete with an associated unit of LF (linear foot).*

22. What is the allowable area of disturbance for drill equipment set-up on drill entry side?

*The maximum area of disturbance for drilling equipment at the entry is 65.18 ft x 17.16 ft or 1,135sf.*

23. Will the use of nearby fire hydrants be permitted for drilling purposes?

*The use of nearby hydrants is permitted during the project. BTMUA has meters up to 2" with backflow preventer available. A deposit of \$765 for 1-1/2" meter or \$950 for 2" meter is required at the time of meter pick-up. The contractor will not be charged for the use of water. If larger meter is required, a contractor shall provide the meter with backflow prevention.*

24. Does the engineer have as built information for sign structure at station 633+00?  
Proposed drill path may be in conflict with foundation.

*There are no As-Builts for the existing sign structure.*

25. When will this work be expected to start?

*Upon issuance of Notice to Proceed.*

**BID SCHEDULE**

The following bid schedule will be completed in ink or typewritten. The amount shall be written in both words and figures. In the case of a discrepancy, the amount written in words will govern. The successful bidder will be required to furnish an itemized breakdown for lump sum items as indicated in the Contract Specifications, Instructions to Bidders, Section Number 31, Bid Item Breakdown and in accordance with Contract Specifications, Supplementary Conditions, Section Number 1.04.07, Itemized Cost Breakdown for Lump Sum Bids.

<b>BASE BID</b>					
<b>PAY ITEM NO.</b>	<b>DESCRIPTION</b>	<b>QUANTITY</b>		<b>UNIT PRICE</b>	<b>TOTAL COST</b>
1	Mobilization	1	LS		
2	Clearing Site	1	LS		
3	Dewatering	1	LS		
4	No Item	0	0		
5	Inlet Protection	4	UN		
6	Heavy Duty Silt Fence	225	LF		
7	Hay Bales	30	UN		
8	Uniformed Traffic Directors (IAWD)	240	HR	\$112.35	\$ 26,964.00
9	Traffic Control, Complete	1	LS		
10	<del>Asphalt Price Adjustment</del>	0	LS		
11	<del>Fuel Price Adjustment</del>	0	LS		
12	Excavation, Test Pit (IAWD)	200	CF		
13	Construction Layout	1	LS		
14	Excavation, Unclassified (IAWD)	100	CY		
15	PVC C-900 Water Main Fittings, 6" Diameter	6	UN		
16	Saw-cutting (IAWD)	600	LF		
17	Soil Aggregate, Designation I-11 (IAWD)	200	CY		
18	Dense Graded Aggregate (IAWD)	150	CY		
19	3/4" Clean Stone (IAWD)	140	TN		
20	Milling, Variable Depth	225	SY		
21	Hot Mix Asphalt 25M64 Base Course	330	TN		
22	Hot Mix Asphalt 12.5M64 Surface Course, 2" Thick	30	TN		
23	<del>Hot Mix Asphalt 9.5M64 Surface Course, 2" Thick</del>	0	TN		

24	Tack Coat	20	GAL		
25	Polymerized Joint Adhesive	240	LF		
26	15:1 Dry Mix Concrete (IAWD)	80	TN		
27	Concrete Grout (IAWD)	45	CY		
28	Hot Mix Asphalt Driveway, 2" Thick (IAWD)	605	SY		
29	<del>Concrete Driveways, 6" Th Reinf (IAWD)</del>	0	<del>SY</del>		
30	Remove/Replace Concrete Curb	120	LF		
31	Concrete Sidewalks, 4" Thick	115	SY		
32	<del>Concrete Gutter (IAWD)</del>	0	<del>LF</del>		
33	Detectable Warning Surface (IAWD)	7	SY		
34	Construction Layout, ADA Ramp	1	UN		
35	Beam Guide Rail End Treatment	2	UN		
36	Reset Steel Beam Guiderail, Complete (IAWD)	70	LF		
37	8" HDPE, Water Mains	150	LF		
38	<del>HDPE Water Mains, 12" Dia</del>	0	<del>LF</del>		
39	HDPE Water Mains, 18" Dia	180	LF		
40	Pipe Removal (IAWD)	730	LF		
41	Pilot Holes (IAWD)	20	UN		
42	8" DI Fittings	10	UN		
43	<del>12" DI Fittings</del>	0	<del>UN</del>		
44	18" DI Fittings	15	UN		
45	8" DI Gate Valves	1	UN		
46	<del>12" DI Gate Valves</del>	0	<del>UN</del>		
47	18" DI Gate Valves	12	UN		
48	8" Tapping Sleeve & Valve	2	UN		
49	<del>12" Tapping Sleeve &amp; Valve</del>	0	<del>UN</del>		
50	16" Tapping Sleeve & Valve	2	UN		
51	<del>12" Isolation Valves (IAWD)</del>	0	<del>UN</del>		
52	16" Isolation Valves (IAWD)	1	UN		
53	2" Blow Off	2	UN		
54	8" HDPE Slip Lining, Complete	100	LF		
55	8" HDPE Horizontal Drill Pipe, Complete	850	LF		
56	18" HDPE Horizontal Drill Pipe, Complete	1500	LF		

57	1" HDPE Water Service, Complete	120	LF		
58	PVC C-900 Water Main, 6" Dia.	100	LF		
59	Reset Signs (IAWD)	7	UN		
60	Beam Guide Rail, Complete	70	LF		
61	Fire Hydrant Assembly, Complete	2	UN		
62	2" Meter Pit & Service Connection, Complete	0	UN		
63	Reset Water Valve Boxes (IAWD)	2	UN		
64	Traffic Stripes, Long-Life, Epoxy Resin 4" (IAWD)	200	LF		
65	Traffic Markings, Thermoplastic (IAWD)	100	SF		
66	No Item	0	0		
67	Tree Removal, 4"-12" (IAWD)	5	UN		
68	Tree Removal, 12"-24" (IAWD)	5	UN		
69	Topsoil, Fertilizer, & Seed (IAWD)	700	SY		
70	Reset Irrigation Heads (IAWD)	10	UN		
71	Evergreens, 6-8 Ft Hgt (IAWD)	5	UN		
72	Deciduous Trees, 2 1/2" Caliper (IAWD)	5	UN		
73	3/4" Decorative Stone (IAWD)	30	SY		
74	Temporary Site Lighting	1	LS		
75	As Built Plan	1	UN		

**Bid (Sum of Bid Prices for all Bid Items 1-75):**

\_\_\_\_\_ Dollars and \_\_\_\_\_ Cents, \$ \_\_\_\_\_  
 (use words) (in figures)