

CITY OF WARWICK
PURCHASING DEPARTMENT
3275 POST ROAD
WARWICK, RHODE ISLAND

**INSPECTION OF THE LINCOLN AVENUE
TRANSMISSION MAIN
BID 2020-206**

ADDENDUM NO. 3

TO ALL CONTRACTORS ESTIMATING:

Bidders are hereby informed that plans and specifications for the above-mentioned contract are modified, corrected, and/or supplemented as follows and that Addendum No. 3 becomes part of the Contract Documents and consists of Items 3-1 through 3-3.

ITEM 3-1 DRAWING C-101

LINCOLN AVENUE SITE PLAN PART 1

DELETE Drawing C-101, consisting of 1 page, in its entirety, and **REPLACE** with Drawing C-101 Revision 1, consisting of 1 page, attached hereto as Attachment A.

ITEM 3-2: Section 01025 – Measurement and Payment

Section 01010

ADD Section 01025 immediately after Section 01010, consisting of X pages, attached hereto as Attachment B.

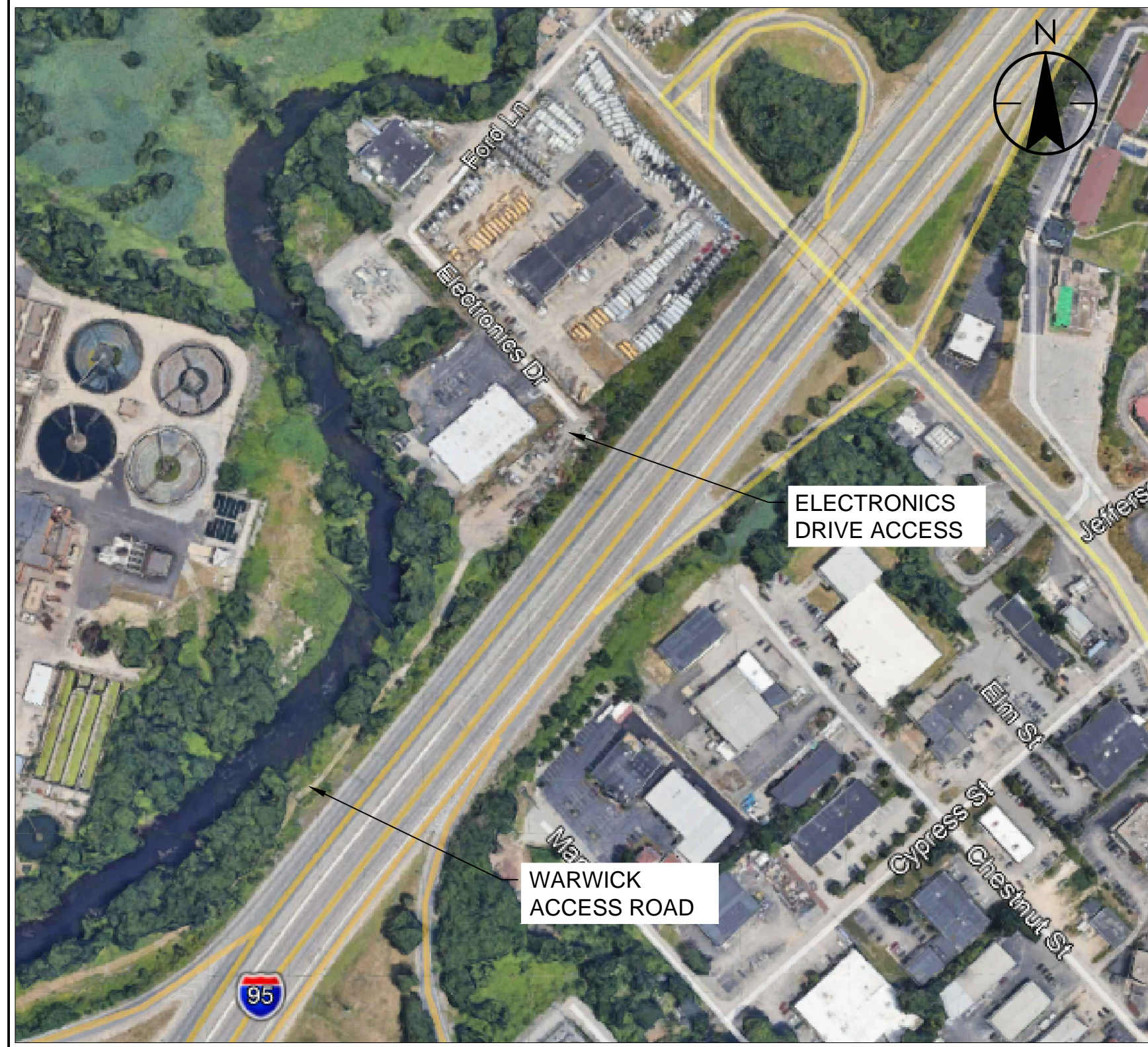
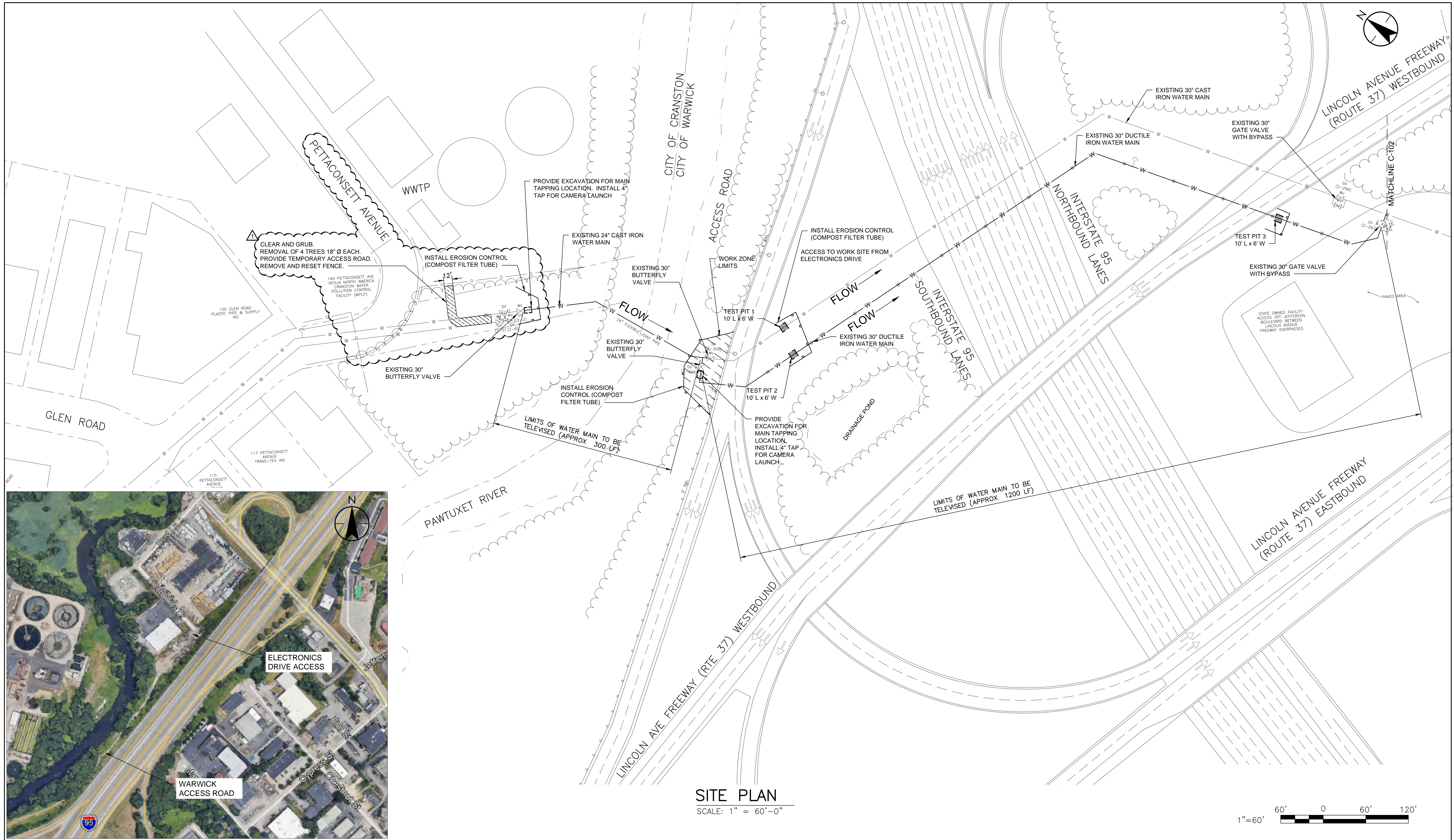
ITEM 3-3: CITY OF WARWICK NOTICE TO BIDDERS

Page 7

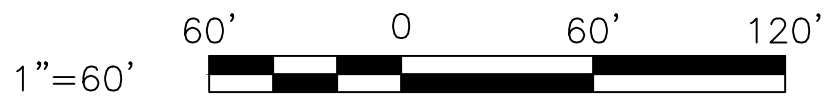
ADD the following immediately after the last paragraph beginning “The successful bidder must adhere...”:

“The Contractor shall give to the Owner, as liquidated damages, for each calendar day lost by the Contractor in the completion of the work of the contract after the time herein stipulated, the sum of One Thousand Five Hundred Dollars (\$1500) per day.”

Date: October 31, 2019



SITE PLAN
SCALE: 1" = 60'-0"




V:\1915\ACTIVE\1915\50561\DESIGN\DRAWINGS\02 CIVIL\50561-C-101-C-07.DWG
 10/27/2019 11:55 AM
 ORIGINAL SHEET - ARCH-D

Revision	By	Appd.	Y1.MM.DD	Issued	By	Appd.	Y1.MM.DD
1	ADDENDUM 3 - ITEM 1	ED	CB	19.10.29			

Permit-Seal	

Consultants	



5 BURLINGTON WOODS DRIVE
 BURLINGTON, MA 01803
 www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
 The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Client/Project	CITY OF WARWICK WARWICK WATER DIVISION INSPECTION OF THE LINCOLN AVENUE TRANSMISSION MAINS WARWICK, RHODE ISLAND		
File Name:	50561-C-101-C-107	ED	DPB
		Dwn.	Chkd.
		Edgn.	19.07.01
			YY.MM.DD

Title		
LINCOLN AVENUE SITE PLAN PART 1		
Project No.	Scale	
19150561	1"=60'-0"	
Drawing No.	Sheet	Revision
C-101	4 of 5	1

SECTION 01025 – MEASUREMENT AND PAYMENT

PART 1 GENERAL

1.01 EXTENT OF WORK

- A. Prices. The unit or lump sum prices for all Items in the Schedule of Prices shall be full compensation for the work of the Contractor and shall include the cost of furnishing all materials, labor, tools and equipment and all work and expense incidental to and necessary to complete the work in accordance with the Drawings and Specifications.
- B. Measurement. The quantities to be measured under the various Items in the Schedule of Prices will be those quantities of work completed in accordance with the Drawings and Specifications. The methods of measurement will be as stated hereinafter for the individual items.
 - 1. In the case of earth excavation and rock excavation, the method of measurement of quantities will consist of cross sections measured in the field at intervals determined by the Owner and computations of volume by the method of average end areas.
 - 2. For the computation of quantities where geometric methods would be laborious, it is understood and agreed that the “planimeter” shall be considered an instrument of precision acceptable for the measurement of such quantities.

1.02 WORK NOT PAID FOR SEPARATELY

- A. Earth Excavation. Payment for earth excavation to the depths indicated on the Drawings or authorized by the Owner for the construction of all structures, underground utility conduits, pipe lines and appurtenances including disposal of the excavated materials in fills, backfills, embankments, designated stockpiles, or as spoil, as approved by the Owner, is included in the prices for the various Items of Work in the Schedule of Prices and no separate payment will be made therefor.
- B. Filling, Backfilling, Embankment, and Disposal of Surplus Materials. Payment for filling, backfilling for all structures, underground utilities, conduits, pipe lines and appurtenances including construction of embankments, and disposal of surplus material is included in the prices for the various Items of Work in the Schedule of Prices and no separate payment will be made therefor, except for gravel borrow if needed to complete the trench or substructure work.
- C. Sheeting, Shoring and Bracing. Payment for all necessary sheeting, shoring and bracing, etc. including the removal and abandonment in place (only to the extent permitted by the Owner) is included in the prices for the various Items in the Schedule of Prices and no separate payment will be made therefor.

- D. Pumping, Draining and Bailing. Payment for all necessary pumping, draining, bailing etc., including the use of underdrains or well points, is included in the prices for the various Items in the Schedule of Prices and no separate payment will be made therefor.
- E. Concrete Curbing, Granite Curbing and Bituminous Concrete Curbing. Payment for replacing concrete curbing, removing and resetting Granite Curbing, or replacing bituminous concrete curbing and/or bituminous "Cape Cod" berm removed or damaged during construction is included in the prices for the various items included in the Schedule of Prices and no separate payment will be made therefor.
- F. Bonds. Payment for bonds required by the contract is included in the prices bid for the various Items of Work in the Schedule of Prices and no separate payment will be made therefor.
- G. Roadway Traffic Paint Lines. Payment for roadway traffic paint lines is included in the prices for various items in the Schedule of Prices and no separate payment will be made therefor.
- H. Trench Pavement Removal. Payment for bituminous concrete trench pavement excavation and disposal is included in the prices for the various Items in the Schedule of Prices and no separate payment will be made therefor.
- I. Environmental Protection. Payment for work under this Section is included in the prices for the various Items in the Schedule of Prices and no separate payment will be made therefor.

1.03 LUMP SUM ITEMS

- A. Payment of the lump sums established in THE SCHEDULE OF PRICES shall be full compensation for all labor, materials, and equipment required to furnish, install, construct and test all Work covered under the lump sum bid items.
- B. Payment of the lump sum will be based on physical progress for each activity in accordance with the approved Schedule of Values.

1.04 UNIT PRICE ITEMS

- A. Payment of a unit price shall be full compensation for all labor, materials, tools, and equipment required to furnish, install and test each unit of the Work covered under the applicable item.
- B. Payment of Unit Price items will only be made for the actual quantity of Work performed in accordance with the Contract Documents, and measured in the following manner:

1. Unit Prices based on “Volume” will be calculated by the “average End Area Method” unless otherwise noted. The Contractor shall submit his calculations to the Owner for approval.
2. Unit Prices based on “Area” shall be calculated by “Horizontal Projection” unless otherwise noted. The planimeter shall be considered an instrument of acceptable precision. The Contractor shall submit calculations to the Owner’s Representative for approval.

PART 2 COMPENSATION

2.01 BASE BID ITEMS

A. TELEVISIONING OF POTABLE WATER MAINS (ITEM 1)

1. Measurement. The work under Item 1 will be measured complete in place as a unit for the number of linear feet of pipe televised and shall include the furnishing and installing full port openings via tapping sleeves and tapping valves on the water mains where other appurtenances do not exist, excavation, backfill, compaction, pavement replacement or topsoiling and seeding, televising the water main, providing report of television findings, providing CDs/DVDs with actual televised footage, and other appurtenances necessary to the work and work not specified elsewhere. This item shall also include temporary removal and resetting of fencing, removal of trees, clearing and grubbing and all other appurtenances to create access to the valve on the West Side of the Pawtuxet River as indicated on Drawing C-101.
2. Payment. The lump sum stated under Item 1 in the Schedule of Prices is full compensation for all work associated with televising of potable water mains.

B. TRAFFIC CONTROL AND BARRIERS (ITEM 2)

1. Measurement. The work under Item 2 will be measured complete in place as a unit and shall include the work required to furnish and install the traffic control devices as shown in the drawings and specified here within. This item shall not include police officers or vehicles, which will be paid for under Item 3.
2. Payment. The lump sum stated under Item 2 in the Schedule of Prices is full compensation for all work associated with furnishing and installing traffic control devices.

C. POLICE ALLOWANCE (ITEM 3)

1. Item 3 establishes an allowance for police officers and vehicles for traffic control and work zone safety purposes. No costs shall be incurred under

this allowance without prior written approval of the Owner. The Contractor shall be reimbursed by the Owner for the actual cost of traffic control and the actual amount invoiced to the Contractor for police officers, without overhead and profit applied. The Contractor shall submit documentation of each police officer's name, hours worked, dates, location of assignment and hourly rate and include a copy of the invoice with each Application for Payment which includes a request for reimbursement under this allowance.

D. TESTING ALLOWANCE (ITEM4)

1. Item 4 establishes an allowance for testing required as determined by the Owner. This shall include but not be limited to compaction testing. The Contractor shall be reimbursed by the Owner for the actual amount invoiced to the Contractor without overhead and profit applied.

E. EARTH EXCAVATION BELOW GRADE (ITEM 5)

1. Measurement. The quantity of earth excavation below grade for pipe installation to be paid for under Item 5 in the Schedule of Prices is the number of cubic yards of material so excavated by order of the Owner, beyond what is typically required to complete the work, as measured before excavation.
2. Payment. Payment under Item 5 at the contract unit price per cubic yard shall be full compensation for furnishing all materials, labor, tools and construction equipment and for performing all work required to be done under this item, including the disposal of surplus materials in embankments, backfill, fills, or off site, as directed by the Owner.

F. GRAVEL BORROW (ITEM 6)

1. Measurement. The quantity of gravel borrow to be paid for under Item 6 shall be the number of cubic yards of off-site gravel borrow furnished, placed and compacted as directed by the Owner and measured in place in the work.
2. Payment. Payment under Item 6 at the contract unit price per cubic yard shall be full compensation for furnishing, transporting, placing and compacting gravel borrow for fill, to replace unsuitable material, and elsewhere as the Owner may require.

G. CRUSHED STONE (ITEM 7)

1. Measurement. The quantity of crushed stone to be paid for under Item 7 in the Schedule of Prices is the number of cubic yards ordered by the Owner, as measured in place in the work. Crushed stone used to bed the pipe in rock trenches or to replace excavated rock will be paid for to the same limits

only as specified for Rock Excavation payments. Crushed stone placed to fill unauthorized excavations will not be paid for.

2. Payment. Payment under Item 7 is full compensation for furnishing all materials, labor, tools and construction equipment and for performing all work required for placing and compacting crushed stone, including any incidental work and expense.

H. ROCK EXCAVATION (ITEM 8)

1. Measurement. The quantity of rock excavation to be paid for under Item 8 shall be the number of cubic yards of rock including ledge rock and boulders exceeding one cubic yard in volume in place, as measured before excavation, that would have been removed if the excavation had been made everywhere to a depth of 8 inches below the underside of the pipe, and to a width of 12 inches greater on each side than the outside dimensions of said pipe.
2. Payment. Payment under Item 8 at the contract unit price per cubic yard shall be full compensation for furnishing all materials, labor, tools and equipment and for performing all work including the disposal of all materials excavated in embankments, fills, backfills, or off the site, as directed by the Owner.

I. EXPLORATORY EXCAVATION (ITEM 9)

1. Measurement. The quantity of exploratory excavation to be paid for under Item 9 shall be the number of test pits excavated to a depth of 6 inches below the underside of the pipe, and to the excavation dimensions indicated on the Drawings.
2. Payment. Payment under Item 9 at the contract unit price per each shall be full compensation for furnishing all materials, labor, tools and equipment and for performing all work including restoration of the site via paving or loaming and seeding, and the disposal of all materials excavated in embankments, fills, backfills, or off the site, as directed by the Owner.

2.02 ALTERNATIVE BID ITEMS

- A. Bid Alternative 1 will be deducted in the order presented below if the total bid price of the project is greater than the amount of funds available for the project.
 1. The basis for determining the lowest responsible bid shall be, first the total bid price for all of the items 1 through 9 as identified in the Bid Form. If the cost of any of the bids received is below the amount of funds available for the project, the lowest responsible bid will be selected.

2. If none of the bids submitted are below the amount of funds available for the project, total bid price will be adjusted by deducting the amount of the bid alternative 1. If any adjusted bids received are below the amount of funds available for the project, the lowest responsible adjusted bid will be selected.
- B. All bid alternate items are to be completed and filled in on the bid form to determine the total adjusted contract price. Blank bid alternate items will be considered non-responsive and may be cause for the entire bid proposal to be rejected.
- C. BID ALTERNATIVE 1 – REDUCTION OF TELEVISIONING (ITEM B)
1. Description: The credit for this bid item shall be for the elimination of the televising of the segment of pipe between the WWTP and the Pawtuxet River as indicated on Drawing C-101. This item shall also include all costs for the access road, clearing and grubbing, and tree removal in this area to get to the valve.
 2. The credit applied shall include the work of installing full port openings via tapping sleeves and tapping valves on the water mains where other appurtenances do not exist, excavation, backfill, compaction, pavement replacement or topsoiling and seeding, televising the water main, providing report of television findings, providing CDs/DVDs with actual televised footage, and other appurtenances necessary to the work and work not specified elsewhere.
- D. BID ALTERNATIVE 2 – REDUCTION OF EXPLORATORY EXCAVATION (ITEM C)
1. Description: The credit for this bid item shall be for the elimination of three exploratory excavations.
 2. The credit applied shall include the work of furnishing all materials, labor, tools and equipment and for performing all work including restoration of the site via paving or loaming and seeding, and the disposal of all materials excavated in embankments, fills, backfills, or off the site, as directed by the Owner.
- E. BID ALTERNATIVE 3 – REMOVAL OF TESTING ALLOWANCE (ITEM D)
1. Description: The credit for this bid item shall be for the elimination of the Testing Allowance (Item 4).

** END OF SECTION **

CITY OF WARWICK
PURCHASING DEPARTMENT
3275 POST ROAD
WARWICK, RHODE ISLAND

**INSPECTION OF THE LINCOLN AVENUE
TRANSMISSION MAIN
BID 2020-206**

QUESTIONS AND ANSWERS NO. 1

- Q1 When is the project expected to be awarded?**
- A1** The project is expected to be awarded at the first City Council meeting in December 2019.
- Q2 When is the construction expected to start?**
- A2** Construction is expected to begin after contracts are signed provided that the 102-inch Providence Water Supply Board (PWSB) aqueduct is back online. The PWSB is currently working to get the aqueduct back online.
- Q3 Can work be done in the winter months?**
- A3** Yes.
- Q4 What is the purpose of the Test Pits?**
- A4** The purpose of the test pits is to expose the pipe for visual inspection, and to locate the main exactly in the test pit areas.
- Q5 Will Support of Excavation (SOE) be required / will the test pits be open long term?**
- A5** The test pits will require trench boxes, but long term SOE is not expected. The intent is for the Engineer to visually examine the pipes after the test pits are open, and then the Contractor will close the excavation.
- Q6 Can I get a copy of the bidders list?**
- A6** While there is no formal bidder's list, Attachment C includes a list of email addresses where the plans have been sent.
- Q7 On the west side of the river, by the WWTP, how do we get access to the pipe?**
- A7** Refer to Addendum 3, Item 3-1.
- Q8 What is the budget / estimated contract price for the project?**
- A8** A budgeted / estimated amount is \$180,000.00.
- Q9 Which test pits will be eliminated as a deduct alternate?**

- A9** Test Pits 1, 3 and 4 are the deductive alternate.
- Q10** **What is the completion time frame for the project?**
- A10** See schedule of pricing, page 2, notes at the bottom. The Completion Time is 120 calendar days.
- Q11** **What are the liquidated damages for the project?**
- A11** Refer to Addendum 3, Item 3-3
- Q12** **In the pre-bid meeting it was stated that work on the project could not begin until the 102” aqueduct supply line from Providence Water is up and running. We were in Providence earlier this week and found out the sampling of the aqueduct did not happen due to a leak and the aqueduct is back offline. Will this affect the contract or bid date?**
- A12** No, the status of the 102-inch PWSB aqueduct will not affect the contract or bid date. It may affect the Notice to Proceed date.

October 31, 2019

ATTACHEMENT C – BIDDERS LIST

COMPANY	EMAIL
Boyle and Fogarty	john@boyleandfogarty.com
BSI/Overland Engineering	jnoone@bsieng.com
Cardi Corporation	wclarke@cardi.com
C. B. Utility Co	info@cb-utility.com
D'Ambra Construction	info@d-ambra.com
Dewcon, Inc.	dewconinc@yahoo.com
Equality Construction Works	karen@equalityconstructionworks.com
John Rocchio Corporation	msarrasin@johnrocchiocorp.com
Parkside Utility Construction	msimas@parksideutil.com
Pure Technologies (Xylem)	jeffrey.zdrojewski@puretechltd.com
R. P. Iannuccillo & Sons Construction	brian@rpiannuccillo.com
R. T. Nunes & Sons	jared@rtnunes.com