

ADDENDUM NO. 1

NOTICE is hereby given to prospective Bidders of the following information, clarifications, and modifications to the Bidding Documents. The Bidding Documents remain unchanged except as indicated below. Bidders must acknowledge receipt of this Addendum in the Bid Form and comply with the requirements for submission of Bids as set forth in the Bidding Documents.

The answers below are provided in response to questions and comments submitted by prospective Bidders.

Can you provide the plan holders list for the project?

Answer: The plan holders list as of March 16, 2022 is attached.

MODIFICATIONS

NOTICE is hereby given that the Bidding Documents have been modified as follows.

Replacement pages are issued herewith, have an Issue Date of March 17, 2022, contain reference to “ADDENDUM NO. 1” in the footer, and text changes identified by double-underline for additions and **Strikeout** for deletions.

Replacement pages (with text changes)	Provided for purposes of double-sided printing only (reverse side of page with no changes) or revised page endings
01 20 25-10, 16, 17, 18	01 20 25-9, 15

The following replacement section(s) are reissued herewith in their entirety, have an Issue Date of March 17, 2022, contain(s) reference to “ADDENDUM NO. 1” in the footer, and text changes identified by double-underline for additions and **Strikeout** for deletions.

Replacement Sections	Number of Pages
Section 00 43 22, Unit Prices Form	13

Individual Drawings as identified below are reissued herewith, have a revision date of March 14, 2022, in the revision block **with changes encircled by “clouds”** and designated as “ADDENDUM NO. 1”.

Drawing No. C-202, Poor Street Kenilworth Street Windsor Street Base Bid

This Addendum and items listed above are provided to Bidders in a single Portable Document Format (.PDF) posted on the Owner’s website as indicated in the Invitation to Bid and will be available for examination at the Issuing Office.

Prepared and Issued by Owner:

Town of Andover, MA

In consultation with Woodard & Curran (Engineer)

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**Contract 4A Water Main Improvements
Andover, MA
Plan Holders List
March 16, 2022**

ID	Submission Date	Company Name	Contact Name	Phone Number
10733	3/2/2022	N GRANESE and SONS INC	N GRANESE and SONS INC	7815928121
10734	3/2/2022	SSDF	SSDF	4523255236
10738	3/2/2022	InSite Contracting	Jeffrey Gordon	781-721-1275
10739	3/2/2022	Joseph P. Cardillo & Son, Inc.	Maura Sarnaglia	7812458095
10740	3/2/2022	KJS LLC	KJS LLC	5082388080
10742	3/2/2022	Dewcon Inc.	RYAN C. DEWEY	9082960388
10743	3/2/2022	Revoli Construction Co., Inc.	Revoli Construction Co., Inc.	5085202350
10744	3/2/2022	EJP	Reid Pomerleau	2074582770
10745	3/2/2022	Construction Journal	Pamela Exton	7727812144
10746	3/3/2022	IMS	IMS	8584908800
10747	3/3/2022	Construction Journal	Pamela Exton	7727812144
10748	3/3/2022	North America Procurement Council, Inc. PBC	Sarmila Pradhan	302-450-1923
10749	3/3/2022	Dodge Data & Analytics	jayalakshmil	413-376-7032
10750	3/3/2022	EJ Prescott, Inc.	David Doucet	978777738
10752	3/3/2022	Unified Contracting, Inc.	Ryan Gear	6179449255
10753	3/3/2022	Bidnet	Kurt Pitzer	8006771997
10754	3/3/2022	F P Reilly and Sons, Inc.	Michael Reilly	9784751237
10756	3/3/2022	sdsd	sdsd	3458754870
10757	3/3/2022	Dodge	Dodge	8777849556
10758	3/3/2022	C.V.D. Paving Corp.	Adam DeCastro	7812992370
10759	3/3/2022	ConstructConnect	ConstructConnect	3236025079
10760	3/3/2022	Works in Progress	Melissa Lapierre	8026583797
10762	3/3/2022	N. Cibotti, Inc.	Benjamin Cibotti	781-843-2382
10764	3/3/2022	DeFelice Corp	DeFelice Corp	9788158342
10765	3/3/2022	ConstructConnect	ConstructConnect	8003642059
10767	3/4/2022	Construction Journal	Pamela Exton	7727812144
10768	3/4/2022	Construction Journal	Pamela Exton	7727812144
10769	3/4/2022	Projectdog	Projectdog	9784999014
10771	3/4/2022	Rain for Rent	Cindy Capuano	508-277-0097
10772	3/4/2022	Commonwealth Construction & Utilities, Inc.	Christopher DiStefano	9789384888
10774	3/4/2022	Tufts Construction Inc	Peter Tufts	8573630639
10776	3/4/2022	K5 Corp	K5 Corp	7819829882
10778	3/4/2022	Deltek	Source Management	2063739500
10780	3/6/2022	C.V.D. Paving Corp	Adam DeCastro	7812992370
10782	3/7/2022	Prime Vendor	Prime Vendor	9108059630
10788	3/8/2022	Dodge Data & Analytics	Dodge Data & Analytics	4133767032
10792	3/8/2022	Construct connect	Construct connect	3236025079
10800	3/9/2022	GCG Associates, Inc.	Kevin Carter	978-204-0423
10804	3/9/2022	Celco Construction Corp.	Tony Borrelli	781-331-6521
10814	3/9/2022	N. Cibotti, Inc	Ben Cibotti	781-843-2382
10816	3/9/2022	Commonwealth Construction & Utilities, Inc.	Christopher DiStefano	9789384888
10840	3/11/2022	Blue Diamond Equipment Company	Blue Diamond Equipment Company	5085433711
10848	3/12/2022	abc	abc	9876543211
10849	3/12/2022	Construction Bid Source	Construction Bid Source	8887869450
10853	3/14/2022	GTA CO, Inc	Greg Antonelli	617-389-2800
10856	3/14/2022	Tufts Construction Inc	Peter Tufts	8573630639

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9c, A-9c - Rock and Boulder Excavation	
Measurement	In place prior to excavation within pay limits shown on the Drawings and as specified or measured after excavation for pre-blast areas.
Payment	Unit price per cubic yard
Schedule of Payment	Monthly based on quantity installed
<p>All labor, tools, equipment and materials to remove “rock” from its original bed by drilling, blasting, barring or wedging, specifically ledge or bed rock and boulders larger than one cubic yard in volume. Also includes pre-blast survey, post-blast survey, insurance, excavation, removal, and disposal of the rock and replacement as necessary with gravel backfill material as described in the Specifications or directed by the Owner traffic control and all incidentals necessary to remove “rock” in accordance with Section 31 00 00.</p>	

ITEMS: 10, A-10 - Furnish and Install Temporary Trench Pavement	
Measurement	In place based on weight slips submitted
Payment	Unit price per ton
Schedule of Payment	Monthly based on quantity installed and approved
<p>All labor, tools, equipment and materials to furnish and install temporary trench pavement, including saw cutting, disposal of pavement, disposal of excess materials, leveling, fine grading and compacting gravel base, emulsion, bituminous tack coat, adjusting of roadway castings, placement and compaction of Type I-1 binder course to the thickness specified on the Drawings and in the Specifications, restoring pavement markings, and all other incidentals necessary to furnish and install temporary trench pavement.</p>	

ITEMS: 11, A-11 - Furnish and Install Additional Hot-Mix Asphalt	
Measurement	In place based on weigh slips submitted
Payment	Unit price per ton
Schedule of Payment	Monthly based on quantity installed
<p>All labor, tools, equipment and materials to furnish and install additional hot mix asphalt for leveling, patching, and adjustment of driveway aprons. Also, includes required traffic controls. Based on weigh slips for additional Hot Mix Asphalt. Excludes: Hot-mix asphalt required due to level trench settlement.</p>	

ITEMS:	
12, A-12 - Provide Inlet Sedimentation Control Devices	
Measurement	Units installed complete in place
Payment	Unit price each
Schedule of Payment	Monthly based on quantity installed and accepted
<p>All labor, materials, tools and equipment necessary to furnish and install inlet sedimentation control devices in accordance with the Contract Documents, routine maintenance and removal of sediment accumulation, regular replacement of devices as required or directed, cleaning catch basin sumps of any sediment allowed to enter the drainage system due to negligence of maintenance and all other incidentals necessary to furnish and install inlet sedimentation control devices for all catch basins within and adjacent to the Project area.</p>	

ITEMS:	
23, A-13 - Erosion and Sediment Control	
Measurement	Per linear foot as measured by Owner
Payment	Unit price per linear foot
Schedule of Payment	Monthly based on quantity installed and accepted
<p>All labor, materials, tools and equipment necessary to furnish, install, maintain, and remove erosion and sediment control measure, hay bales, silt fence, straw wattles, sedimentation basins and other erosion and sedimentation controls necessary to effectively control sediment and runoff from the site and staging areas.</p>	

ITEMS:	
22 – Drain Spot Repair on Poor Street	
Measurement	Installed, completed in place, as shown on the Drawings.
Payment	Lump Sum
Schedule of Payment	Monthly based on progress.
<p>Includes but is not limited to all labor, tools, equipment, material, excavation and backfill, bedding, shoring/bracing and wood sheeting left in place, saw cutting, furnishing, handling and installation of materials, pressure testing, couplings, tree trimming, removing and replacing signs, fences and mailboxes, removing and replacing irrigation systems complete and dog fences, orange construction fencing along perimeter of easement, removing and replacing granite curbing and bituminous concrete curbing, sidewalk replacement, replacement of asphalt berm, driveway repairs, removal and replacing guardrails, replacement of driveways and gravel resurfacing shall be incidental and not measured separately, dust controls, dewatering, connection to existing infrastructure, furnishing and installing the pipe; removal of any unsuitable material above or below grade, special pipe bedding, rock or boulder removal, test pits, pavement cutting, removal and disposal of pavement, restoration of utilities including traffic signal loops, utility crossings, clearing and grubbing, pipe bedding and blanket, marking tape, backfill and compaction, shoring and bracing, clay dams, wyes, ductile iron tees for chimneys, replacement of utility services to the property line, replacement of drain lines, pipe jacking, carrier pipes, if needed, to meet horizontal and vertical separation requirements from water mains or to cross culverts, testing, cleaning and flushing, bypass pumping of sewer flows and/or hauling and disposal, demolishing and/or repair of impacted septic systems and leaching fields, landscape restoration, removal and disposal of trees impacted by construction, protection of trees to be preserved, loaming and seeding, and all other Work incidental to installing pipe not specified to be paid for under a separate pay item. For trenches in excess of 20-feet deep, provide geotechnical engineer certified trench shoring per OSHA. Excludes Temporary Trench Pavement measured and paid under Item 10.</p>	

ITEMS:	
<u>23 24</u>, A-22 – Owner’s Contingency Allowance for Sewer Repairs	
Measurement	Portion of contingency allowance amount authorized per Paragraph 11.02 of the General Conditions
Payment	Percent of <u>direct cost</u> (no markup) not to exceed contingency allowance amount authorized by Change Order
Schedule of Payment	Monthly based on progress and authorized by Change Order
<p>All labor, tools, equipment and materials needed for the rehabilitation or replacement of sanitary sewer pipe defects identified during CCTV investigations including regulation compliance, disposal, furnish and install PVC sewer pipe, fittings, clearing and grubbing, saw cutting, excavation, shoring/bracing, bedding and backfill, connecting sewer mains and structures (as applicable), compaction, crossing of underground utilities, loam and seed, removing and replacing signs, fences and mail boxes, sidewalk replacement, resurfacing gravel surfaces, support of existing utilities as specified in the Contract Documents, and all other incidentals necessary to remove, contain, or encapsulate materials containing asbestos and repair sewer, complete in place, as specified or as required by field conditions.</p>	

ITEMS:	
<u>24 25</u>, A-23 - Owner’s Contingency Allowance for Compaction Testing	
Measurement	Portion of contingency allowance amount authorized per Paragraph 11.02 of the General Conditions
Payment	Percent of <u>direct cost</u> (no markup) not to exceed contingency allowance amount authorized by Change Order
Schedule of Payment	Monthly based on progress and authorized by Change Order
<p>Direct cost (no mark-up will be allowed) to provide compaction testing performed by a qualified technician certified in “soils” by the New England Transportation Technician Certification Program (NETTCP) using the methods specified. Testing to be performed at depths and locations determined by the Owner. Excluded: Additional compaction tests and work performed to obtain desired compaction in trenches that failed initial compaction tests (performed at no additional cost to Owner). Contractor shall not receive payment for any unused portion of the - contingency allowance for Compaction Testing.</p>	

ITEMS:	
<u>25 26</u>, A-24 - Owner's Contingency Allowance for Asbestos-Cement Sewer Main	
Measurement	Portion of contingency allowance amount authorized per Paragraph 11.02 of the General Conditions
Payment	Percent of direct cost (no markup) not to exceed contingency allowance amount authorized by Change Order
Schedule of Payment	Monthly based on progress and authorized by Change Order
<p>All labor, tools, equipment and materials needed for the removal, containment, or encapsulation of materials containing asbestos and sewer repair including, regulation compliance, disposal, furnish and install PVC sewer pipe, fittings, clearing and grubbing, saw cutting, excavation, shoring/bracing, bedding and backfill, connecting sewer mains and structures (as applicable), compaction, crossing of underground utilities, loam and seed, removing and replacing signs, fences and mail boxes, sidewalk replacement, resurfacing gravel surfaces, support of existing utilities as specified in the Contract Documents, and all other incidentals necessary to remove, contain, or encapsulate materials containing asbestos and repair sewer, complete in place, as specified or as required by field conditions.</p>	

ITEMS	
<u>26 27</u>, A-25 - (Statutory) Owner's Contingency Allowance for Materials Escalation Price Adjustment	
Measurement	Portion of Owner's Contingency Allowance amount authorized per Paragraph 11.02 of the General Conditions and Supplementary Conditions
Payment	As a percentage; not to exceed contingency allowance amount authorized by Change Order.
Schedule of Payment	Monthly as authorized by Change Order
<p>For price adjustments for materials escalation of Liquid Asphalt, Diesel Fuel, Gasoline, and Portland Cement per statutory requirements in accordance with Section 00 73 73. Contractor shall not receive payment for any unused portion of the contingency allowance for Materials Escalation.</p>	

ITEMS: <u>27</u>, <u>28</u>, A-26 - Mobilization/Demobilization	
Measurement	Portion of Work completed and accepted
Payment	Percent of Total Contract Price based on Schedule of Values. Item 27 not to exceed 5% of total sum of Items 1a through <u>22</u>, <u>23</u>. Item A1-26 not to exceed 5% of total sum of Items A1-1a through A1-21.
Schedule of Payment	50% at Project commencement - 50% at Final Completion
Includes delivery to and removal of equipment from the Project Site, temporary utilities, facilities and controls, obtaining necessary permits including associated fees, insurance and bond costs, signage, development of pre-construction schedules and plans required by the General Conditions, Supplementary Conditions and General Requirements; necessary pre-construction investigations, verifying existing field conditions, coordination, and Site clean-up, restoration and closeout. Do not include police details direct billed to Owner.	

PART 2 - PRODUCTS (not used)

PART 3 – EXECUTION (not used)

END OF SECTION

SECTION 00 43 22

UNIT PRICES FORM

Provide unit pricing for each Bid item in both words and figures. Provide Bid item totals in figures only.

Discrepancies between the multiplication of units of Work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. Discrepancies between prices written in words and prices written in figures will be resolved in favor of prices written in words.

Unit Prices have been computed in accordance with Paragraph 11.03.A of the General Conditions and Supplementary Conditions, if any. Estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for unit price items will be based on actual quantities determined and based on the unit prices included below as provided in the General Conditions and Supplementary Conditions, if any.

Bidder shall submit Bids for the Base Bid and all Alternates. A single Contract, if awarded, will be awarded at the Owner's option in accordance with Article 19 of Section 00 21 13, Instructions to Bidders.

BID PRICES SHALL EXCLUDE SALES AND USE TAX.

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
1a	Furnish and Install 12-inch Cement Lined Ductile Iron Pipe @ _____	1,150		
	Dollars and _____ Cents PER LINEAR FOOT	LF		
1b	Furnish and Install 12-inch Pre-Insulated Cement Lined Ductile Iron Pipe @ _____	20		
	Dollars and _____ Cents PER LINEAR FOOT	LF		
1c	Furnish and Install 10-inch Cement Lined Ductile Iron Pipe @ _____	5		
	Dollars and _____ Cents PER LINEAR FOOT	LF		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
1d	Furnish and Install 8-inch Cement Lined Ductile Iron Pipe @ _____ _____ Dollars and _____ Cents PER LINEAR FOOT	3,750		
		LF		
1e	Furnish and Install 6-inch Cement Lined Ductile Iron Pipe @ _____ _____ Dollars and _____ Cents PER LINEAR FOOT	250		
		LF		
2a	Furnish and Install 12-inch Gate Valve & Box @ _____ - _____ Dollars and _____ Cents PER EACH	13		
		EA		
2b	Furnish and Install 8-inch Gate Valve & Box @ _____ _____ Dollars and _____ Cents PER EACH	21		
		EA		
2c	Furnish and Install 6-inch Gate Valve & Box @ _____ _____ Dollars and _____ Cents PER EACH	15		
		EA		
3	Furnish and Install Cement Lined Ductile Iron Water Main Fittings @ _____ _____ Dollars and _____ Cents PER POUND	9,000		
		LB		
4	Furnish and Install Hydrants @ _____ _____ Dollars and _____ Cents PER EACH	13		
		EA		
5	Disinfection, Pressure, and Bacteria Testing of Water Mains @ _____ _____ Dollars and _____ Cents PER LUMP SUM	1		
		LS		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
6a	Furnish and Install 1-inch Corporation Stop @ _____ Dollars and _____ Cents PER EACH	45		
		EA		
6b	Furnish and Install 1-inch Curb Stop & Box @ _____ Dollars and _____ Cents PER EACH	45		
		EA		
6c	Furnish and Install 2-inch Corporation Stop @ _____ Dollars and _____ Cents PER EACH	2		
		EA		
6d	Furnish and Install 2-inch Curb Stop & Box @ _____ Dollars and _____ Cents PER EACH	2		
		EA		
7a	Furnish and Install 1-inch Type K Copper Tubing within Public Right of Way @ _____ Dollars and _____ Cents PER LINEAR FOOT	1,000		
		LF		
7b	Furnish and Install 2-inch Type K Copper Tubing within Public Right of Way @ _____ Dollars and _____ Cents PER LINEAR FOOT	75		
		LF		
7c	Furnish and Install 1-inch Type K Copper Tubing within Private Property @ _____ Dollars and _____ Cents PER LINEAR FOOT	125		
		LF		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
8a	Furnish and Install 6-inch Temporary Bypass Water Mains @ _____ _____ Dollars and _____ Cents PER LINEAR FOOT	1,200		
		LF		
8b	Furnish and Install 4-inch Temporary Bypass Water Mains @ _____ _____ Dollars and _____ Cents PER LINEAR FOOT	3,600		
		LF		
8c	Furnish and Install 2-inch Temporary Bypass Water Mains @ _____ _____ Dollars and _____ Cents PER LINEAR FOOT	1,200		
		LF		
9a	Remove and Dispose of Unsuitables Below Normal Grade @ _____ _____ Dollars and _____ Cents PER CUBIC YARD	400		
		CY		
9b	Remove and Dispose of Unsuitables Above Normal Grade @ _____ _____ Dollars and _____ Cents PER CUBIC YARD	750		
		CY		
9c	Rock and Boulder Excavation @ _____ _____ Dollars and _____ Cents PER CUBIC YARD	150		
		CY		
10	Furnish and Install Temporary Trench Pavement @ _____ _____ Dollars and _____ Cents PER TON	650		
		TON		
11	Furnish and Install Additional Hot-Mix Asphalt @ _____ _____ Dollars and _____ Cents PER TON	50		
		TON		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
12	Provide Inlet Sediment Control Devices	35		
	@ _____ Dollars and _____ Cents PER EACH	EA		
13	Test Pits	25		
	@ _____ Dollars and _____ Cents PER CUBIC YARD	CY		
14	Provide 3,000 psi Concrete for Thrust Restraint and Encasement	70		
	@ _____ Dollars and _____ Cents PER CUBIC YARD	CY		
15	Provide Calcium Chloride for Dust Control	700		
	@ _____ Dollars and _____ Cents PER POUND	LB		
16	Remove and Reset Granite Curb	110		
	@ _____ Dollars and _____ Cents PER LINEAR FOOT	LF		
17	In-Kind Sidewalk Replacement	75		
	@ _____ Dollars and _____ Cents PER SQUARE YARD	SY		
18	Install, Program and Maintain Sign Board	30		
	@ _____ Dollars and _____ Cents PER WEEK	WK		
19	CCTV Inspect Sewer Mains	5,500		
	@ _____ Dollars and _____ Cents PER LINEAR FOOT	LF		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
20	Cut Protruding Service Connection @ _____ Dollars and _____ Cents PER EACH	4		
		EA		
21	4-foot Diameter Precast Concrete Manhole on Poor Street @ _____ Dollars and _____ Cents PER LUMP SUM	1		
		LS		
22	Drain Spot Repair on Poor Street @ _____ Dollars and _____ Cents PER LUMP SUM	1		
		LS		
23	<u>Erosion and Sediment Control</u> @ _____ Dollars and _____ Cents PER LINEAR FOOT	<u>220</u>		
		<u>LF</u>		
23, 24	Owner's Contingency Allowance for Sewer Repairs @ FIFTY THOUSAND dollars and 00/100 PER ALLOWANCE	1	\$50,000	\$50,000
		NOT TO EXCEED		
24, 25	Owner's Contingency Allowance for Compaction Testing @ TWELVE THOUSAND FIVE HUNDRED dollars and 00/100 PER ALLOWANCE	1	\$12,500	\$12,500
		NOT TO EXCEED		
25, 26	Owner's Contingency Allowance for Asbestos-Cement Sewer Main @ THIRTY THOUSAND dollars and 00/100 PER ALLOWANCE	1	\$30,000	\$30,000
		NOT TO EXCEED		
26, 27	Owner's Contingency Allowance for Materials Escalation Price Adjustment (Statutory Requirement) @ TWELVE THOUSAND FIVE HUNDRED dollars and 00/100 PER ALLOWANCE	1	\$12,500	\$12,500
		NOT TO EXCEED		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
<u>27,28</u>	Mobilization and Demobilization @	1		
	<hr/> <hr/> Dollars and Cents PER LUMP SUM	LS		

INCLUDE TOTAL BID PRICE (based on Unit Price Schedule above) ON BID FORM

ALTERNATE BID SCHEDULE – CARLISLE STREET, DUMBARTON STREET, STIRLING STREET, SUTHERLAND STREET, LIBERTY STREET

BID PRICES SHALL EXCLUDE SALES AND USE TAX.

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
A-1a	Furnish and Install 8-inch Cement Lined Ductile Iron Pipe @ _____	1,300		
	_____ Dollars and _____ Cents PER LINEAR FOOT	LF		
A-1b	Furnish and Install 6-inch Cement Lined Ductile Iron Pipe @ _____	50		
	_____ Dollars and _____ Cents PER LINEAR FOOT	LF		
A-2a	Furnish and Install 8-inch Gate Valve & Box @ _____	10		
	_____ Dollars and _____ Cents PER EACH	EA		
A-2b	Furnish and Install 6-inch Gate Valve & Box @ _____	3		
	_____ Dollars and _____ Cents PER EACH	EA		
A-3	Furnish and Install Cement Lined Ductile Iron Water Main Fittings @ _____	2,250		
	_____ Dollars and _____ Cents PER POUND	LB		
A-4	Furnish and Install Hydrants @ _____	3		
	_____ Dollars and _____ Cents PER EACH	EA		
A-5	Disinfection, Pressure, and Bacteria Testing of Water Mains @ _____	1		
	_____ Dollars and _____ Cents PER LUMP SUM	LS		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
A-6a	Furnish and Install 1-inch Corporation Stop @ _____ Dollars and _____ Cents PER EACH	50		
		EA		
A-6b	Furnish and Install 1-inch Curb Stop & Box @ _____ Dollars and _____ Cents PER EACH	50		
		EA		
A-6c	Furnish and Install 2-inch Corporation @ _____ Dollars and _____ Cents PER EACH	1		
		EA		
A-6d	Furnish and Install 2-inch Curb Stop & Box @ _____ Dollars and _____ Cents PER EACH	1		
		EA		
A-7a	Furnish and Install 1-inch Type K Copper Tubing within Public Right of Way @ _____ Dollars and _____ Cents PER LINEAR FOOT	1,150		
		LF		
A-7b	Furnish and Install 2-inch Type K Copper Tubing within Public Right of Way @ _____ Dollars and _____ Cents PER LINEAR FOOT	25		
		LF		
A-7c	Furnish and Install 1-inch Type K Copper Tubing within Private Property @ _____ Dollars and _____ Cents PER LINEAR FOOT	150		
		LF		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
A-8a	Furnish and Install 4-inch Temporary Bypass Water Mains @ _____ Dollars and Cents PER LINEAR FOOT	700		
		LF		
A-8b	Furnish and Install 2-inch Temporary Bypass Water Mains @ _____ Dollars and Cents PER LINEAR FOOT	925		
		LF		
A-9a	Remove and Dispose of Unsuitables Below Normal Grade @ _____ Dollars and Cents PER CUBIC YARD	100		
		CY		
A-9b	Remove and Dispose of Unsuitables Above Normal Grade @ _____ Dollars and Cents PER CUBIC YARD	200		
		CY		
A-9c	Rock and Boulder Excavation @ _____ Dollars and Cents PER CUBIC YARD	50		
		CY		
A-10	Furnish and Install Temporary Trench Pavement @ _____ Dollars and Cents PER TON	300		
		TON		
A-11	Furnish and Install Additional Hot-Mix Asphalt @ _____ Dollars and Cents PER TON	20		
		TON		
A-12	Provide Inlet Sediment Control Devices @ _____ Dollars and Cents PER EACH	8		
		EA		

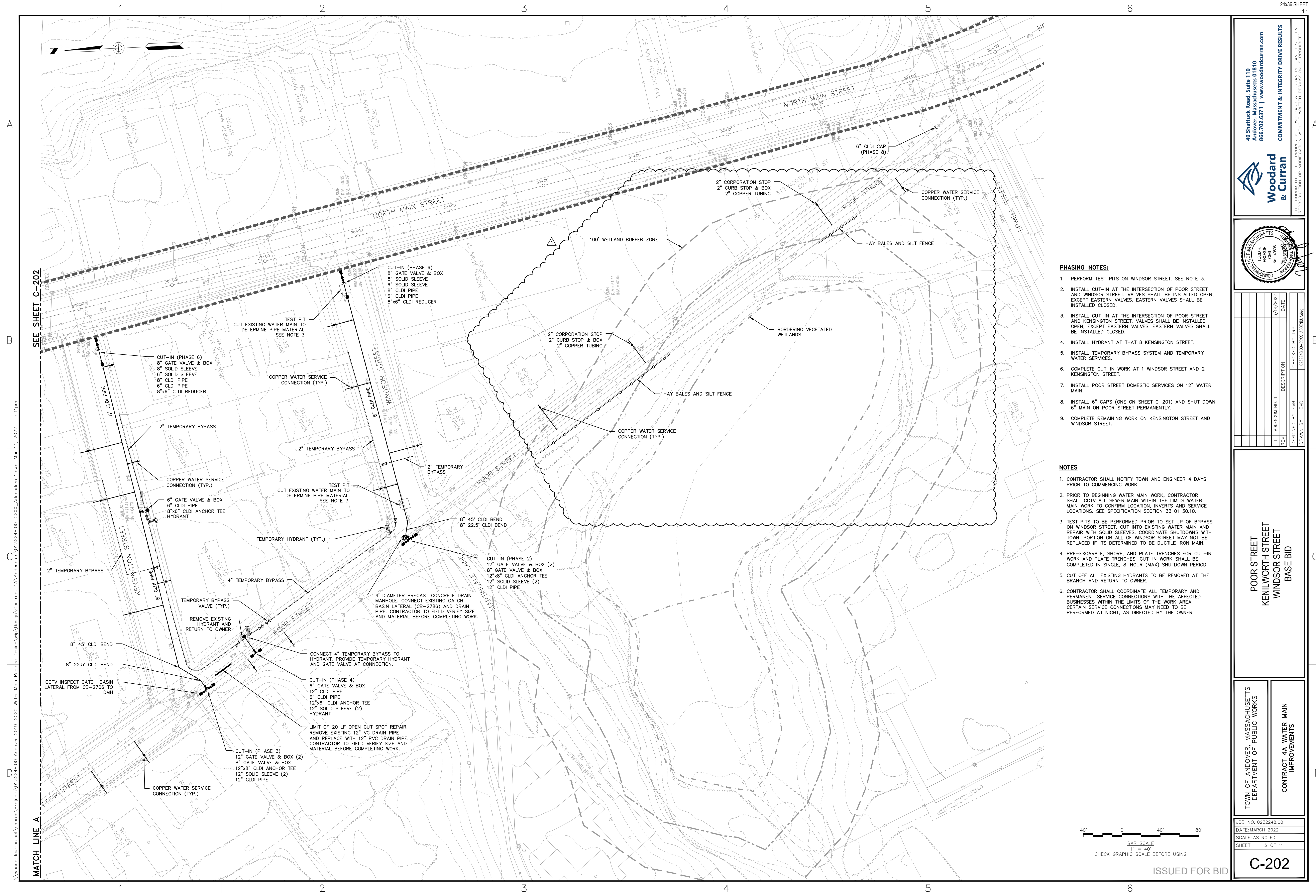
Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
A-13	Erosion and Sediment Control @ _____ _____ Dollars and Cents PER LINEAR FOOT	175		
		LF		
A-14	Test Pits @ _____ _____ Dollars and Cents PER CUBIC YARD	15		
		CY		
A-15	Provide 3,000 psi Concrete for Thrust Restraint and Encasement @ _____ _____ Dollars and Cents PER CUBIC YARD	20		
		CY		
A-16	Provide Calcium Chloride for Dust Control @ _____ _____ Dollars and Cents PER POUND	200		
		LB		
A-17	Remove and Reset Granite Curb @ _____ _____ Dollars and Cents PER LINEAR FOOT	150		
		LF		
A-18	In-Kind Sidewalk Replacement @ _____ _____ Dollars and Cents PER SQUARE YARD	75		
		SY		
A-19	Install, Program and Maintain Sign Board @ _____ _____ Dollars and Cents PER WEEK	10		
		WK		
A-20	CCTV Inspect Sewer Mains @ _____ _____ Dollars and Cents PER LINEAR FOOT	2,500		
		LF		

Item No.	Item Description with Unit or Lump Sum Price in Written Words	Estimated Quantity & Unit	Unit Bid Price (Figures)	Total Bid Item Price (Figures)
A-21	Cut Protruding Service Connection @ _____ Dollars and Cents PER EACH	2		
		EA		
A-22	Owner's Contingency Allowance for Sewer Repairs @ TWENTY-FIVE THOUSAND dollars and 00/100 PER ALLOWANCE	1	\$25,000	\$25,000
		NOT TO EXCEED		
A-23	Owner's Contingency Allowance for Compaction Testing @ FIVE THOUSAND dollars and 00/100 PER ALLOWANCE	1	\$5,000	\$5,000
		NOT TO EXCEED		
A-24	Owner's Contingency Allowance for Asbestos-Cement Sewer Main @ SIX THOUSAND dollars and 00/100 PER ALLOWANCE	1	\$6,000	\$6,000
		NOT TO EXCEED		
A-25	Owner's Contingency Allowance for Materials Escalation Price Adjustment (Statutory Requirement) @ TWO THOUSAND AND FIVE HUNDRED dollars and 00/100 PER ALLOWANCE	1	\$2,500	\$2,500
		NOT TO EXCEED		
A-26	Mobilization and Demobilization @ _____ Dollars and Cents PER LUMP SUM	1		
		LS		

INCLUDE TOTAL ALTERNATE BID PRICE (based on Unit Price Schedule above) ON BID FORM

END OF SECTION

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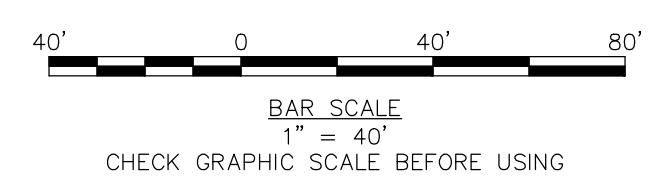


PHASING NOTES:

1. PERFORM TEST PITS ON WINDSOR STREET. SEE NOTE 3.
2. INSTALL CUT-IN AT THE INTERSECTION OF POOR STREET AND WINDSOR STREET. VALVES SHALL BE INSTALLED OPEN, EXCEPT EASTERN VALVES. EASTERN VALVES SHALL BE INSTALLED CLOSED.
3. INSTALL CUT-IN AT THE INTERSECTION OF POOR STREET AND KENSINGTON STREET. VALVES SHALL BE INSTALLED OPEN, EXCEPT EASTERN VALVES. EASTERN VALVES SHALL BE INSTALLED CLOSED.
4. INSTALL HYDRANT AT THAT 8 KENSINGTON STREET.
5. INSTALL TEMPORARY BYPASS SYSTEM AND TEMPORARY WATER SERVICES.
6. COMPLETE CUT-IN WORK AT 1 WINDSOR STREET AND 2 KENSINGTON STREET.
7. INSTALL POOR STREET DOMESTIC SERVICES ON 12" WATER MAIN.
8. INSTALL 6" CAPS (ONE ON SHEET C-201) AND SHUT DOWN 6" MAIN ON POOR STREET PERMANENTLY.
9. COMPLETE REMAINING WORK ON KENSINGTON STREET AND WINDSOR STREET.

NOTES

1. CONTRACTOR SHALL NOTIFY TOWN AND ENGINEER 4 DAYS PRIOR TO COMMENCING WORK.
2. PRIOR TO BEGINNING WATER MAIN WORK, CONTRACTOR SHALL CCTV ALL SEWER MAIN WITHIN THE LIMITS WATER MAIN WORK TO CONFIRM LOCATION, INVERTS AND SERVICE LOCATIONS. SEE SPECIFICATION SECTION 33 01 30.10.
3. TEST PITS TO BE PERFORMED PRIOR TO SET UP OF BYPASS ON WINDSOR STREET. CUT INTO EXISTING WATER MAIN AND REPAIR WITH SOLID SLEEVES. COORDINATE SHUTDOWNS WITH TOWN. PORTION OR ALL OF WINDSOR STREET MAY NOT BE REPLACED IF ITS DETERMINED TO BE DUCTILE IRON MAIN.
4. PRE-EXCAVATE, SHORE, AND PLATE TRENCHES FOR CUT-IN WORK AND PLATE TRENCHES. CUT-IN WORK SHALL BE COMPLETED IN SINGLE, 8-HOUR (MAX) SHUTDOWN PERIOD.
5. CUT OFF ALL EXISTING HYDRANTS TO BE REMOVED AT THE BRANCH AND RETURN TO OWNER.
6. CONTRACTOR SHALL COORDINATE ALL TEMPORARY AND PERMANENT SERVICE CONNECTIONS WITH THE AFFECTED BUSINESSES WITHIN THE LIMITS OF THE WORK AREA. CERTAIN SERVICE CONNECTIONS MAY NEED TO BE PERFORMED AT NIGHT, AS DIRECTED BY THE OWNER.

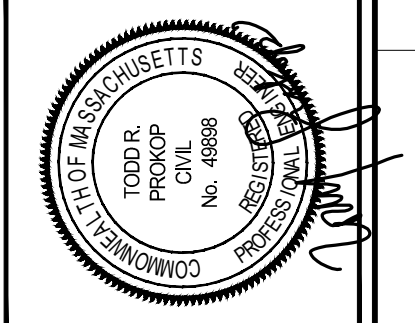


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REV	DESCRIPTION	DATE	CHECKED BY: RFP	DATE
1	ADDENDUM NO. 1	3/14/2022		

DESIGNED BY: EVR
DRAWN BY: EVR
CHECKED BY: RFP
DATE: 02/28/2022

POOR STREET
KENSINGTON STREET
WINDSOR STREET
BASE BID

TOWN OF ANDOVER, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS

CONTRACT 4A WATER MAIN
IMPROVEMENTS

JOB NO.: 0232248.00
DATE: MARCH 2022
SCALE: AS NOTED
SHEET: 5 OF 11

C-202

ISSUED FOR BID

woodardcurran.net\shared\Projects\0232248.00 Andover 2019-2020 Water Main Replace Design\wp\Design\Contract 4A\Addendum\0232248.00-C2XX-Addendum 1.dwg, Mar 14, 2022 - 5:11pm