

**WOODARD & CURRAN, INC.**  
**TOWN OF ANDOVER**  
**IFB NO. 450/038/23**  
**DWSRF 6978**  
**PHASE I WATER TRANSMISSION MAIN IMPROVEMENTS**  
**Bid Summary**  
**Bid Opening Date: 04/20/2023**

	<u>Contractor</u>	<u>BASE</u> <u>Bid Price</u>	<u>ALTERNATE A</u> <u>Bid Price</u>	<u>Total BASE and</u> <u>ALTERNATE A</u> <u>Bid Price</u>
1	CJP & Sons Construction Co., Inc.	\$ 4,861,068.70	\$ 671,622.49	\$ 5,532,691.19
2	N. Granese & Sons, Inc.	\$ 5,029,279.05	\$ 647,377.30	\$ 5,676,656.35
3	Deflice Corporation	\$ 5,351,980.00	\$ 653,053.50	\$ 6,005,033.50
4	GTA Co., Inc.	\$ 5,683,309.25	\$ 708,872.20	\$ 6,392,181.45
5	Albanese Brothers Inc.	\$ 5,716,102.10	\$ 702,556.25	\$ 6,418,658.35
6	Revoli Construction Co., Inc.	\$ 6,371,834.55	\$ 800,587.48	\$ 7,172,422.03
7	Commonwealth Construction & Utilities, Inc.	\$ 6,386,856.50	\$ 811,726.00	\$ 7,198,582.50
8	GVC Construction, Inc.	\$ 7,475,965.00	\$ 983,464.50	\$ 8,459,429.50
9	D&M Civil, Inc.	\$ 8,407,010.00	\$ 1,030,865.00	\$ 9,437,875.00

**Notes:**

Defelice Corporation Bid Corrected - See Tabulation of Unit Prices

GTA Co., Inc. Bid Corrected - See Tabulation of Unit Prices

WOODARD & CURRAN, INC.  
 IFB NO. 450/038/23  
 DWSRF 6978  
 PHASE I WATER TRANSMISSION MAIN IMPROVEMENTS  
 BASE BID  
 Tabulation of Unit Prices  
 Bid Submittal Date: 04/20/2023

Item No.	Description	Unit	Estimated Quantity	CJP & Sons Construction Co., Inc.		N. Granese & Sons, Inc.		Defelice Corporation		GTA Co., Inc.		Albanese Brothers Inc.		Revoli Construction Co., Inc.		Commonwealth Construction & Utilities, Inc.		GVC Construction, Inc.		D&M Civil, Inc.	
				Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price
1a	Furnish and Install 20-inch Cement Lined Ductile Iron Pipe	LF	7600	\$ 342.00	\$ 2,599,200.00	\$ 350.00	\$ 2,660,000.00	\$ 340.00	\$ 2,584,000.00	\$ 380.00	\$ 2,888,000.00	\$ 387.00	\$ 2,941,200.00	\$ 525.00	\$ 3,990,000.00	\$ 368.00	\$ 2,796,800.00	\$ 550.00	\$ 4,180,000.00	\$ 419.00	\$ 3,184,400.00
1b	Furnish and Install 20-inch (Class 56) Pre-Insulated Cement Lined Ductile Iron Pipe	LF	50	\$ 750.00	\$ 37,500.00	\$ 500.00	\$ 25,000.00	\$ 1,040.00	\$ 52,000.00	\$ 700.00	\$ 35,000.00	\$ 750.00	\$ 37,500.00	\$ 750.00	\$ 37,500.00	\$ 800.00	\$ 40,000.00	\$ 1,700.00	\$ 85,000.00	\$ 920.00	\$ 46,500.00
1c	Furnish and Install 16-inch Cement Lined Ductile Iron Pipe	LF	30	\$ 500.00	\$ 15,000.00	\$ 150.00	\$ 4,500.00	\$ 460.00	\$ 13,800.00	\$ 500.00	\$ 15,000.00	\$ 880.00	\$ 26,400.00	\$ 425.00	\$ 12,750.00	\$ 750.00	\$ 22,500.00	\$ 800.00	\$ 24,000.00	\$ 452.00	\$ 13,560.00
1d	Furnish and Install 12-inch Cement Lined Ductile Iron Pipe	LF	30	\$ 400.00	\$ 12,000.00	\$ 100.00	\$ 3,000.00	\$ 420.00	\$ 12,600.00	\$ 400.00	\$ 12,000.00	\$ 705.00	\$ 21,150.00	\$ 400.00	\$ 12,000.00	\$ 700.00	\$ 21,000.00	\$ 500.00	\$ 15,000.00	\$ 370.00	\$ 11,100.00
1e	Furnish and Install 8-inch Cement Lined Ductile Iron Pipe	LF	660	\$ 160.00	\$ 105,600.00	\$ 80.00	\$ 52,800.00	\$ 300.00	\$ 198,000.00	\$ 250.00	\$ 165,000.00	\$ 225.00	\$ 148,500.00	\$ 225.00	\$ 148,500.00	\$ 260.00	\$ 171,600.00	\$ 350.00	\$ 231,000.00	\$ 230.00	\$ 151,800.00
1f	Furnish and Install 6-inch Cement Lined Ductile Iron Pipe	LF	200	\$ 110.00	\$ 22,000.00	\$ 70.00	\$ 14,000.00	\$ 106.00	\$ 21,200.00	\$ 200.00	\$ 40,000.00	\$ 180.00	\$ 36,000.00	\$ 95.00	\$ 19,000.00	\$ 150.00	\$ 30,000.00	\$ 300.00	\$ 60,000.00	\$ 185.00	\$ 37,000.00
2a	Furnish and Install 20-inch Gate Valve and Box	EA	19	\$ 25,000.00	\$ 475,000.00	\$ 30,000.00	\$ 570,000.00	\$ 35,000.00	\$ 665,000.00	\$ 35,000.00	\$ 665,000.00	\$ 35,000.00	\$ 665,000.00	\$ 35,000.00	\$ 665,000.00	\$ 35,000.00	\$ 665,000.00	\$ 30,500.00	\$ 579,500.00	\$ 33,580.00	\$ 638,020.00
2b	Furnish and Install 16-inch Gate Valve and Box	EA	3	\$ 15,000.00	\$ 45,000.00	\$ 27,000.00	\$ 81,000.00	\$ 15,000.00	\$ 45,000.00	\$ 20,000.00	\$ 60,000.00	\$ 16,000.00	\$ 48,000.00	\$ 15,000.00	\$ 45,000.00	\$ 15,000.00	\$ 45,000.00	\$ 13,000.00	\$ 39,000.00	\$ 15,000.00	\$ 45,000.00
2c	Furnish and Install 12-inch Gate Valve and Box	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 7,500.00	\$ 7,500.00	\$ 9,000.00	\$ 9,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 12,000.00	\$ 12,000.00	\$ 5,100.00	\$ 5,100.00	\$ 6,600.00	\$ 6,600.00
2d	Furnish and Install 8-inch Gate Valve and Box	EA	12	\$ 2,800.00	\$ 33,600.00	\$ 12,000.00	\$ 144,000.00	\$ 5,500.00	\$ 66,000.00	\$ 7,500.00	\$ 90,000.00	\$ 2,500.00	\$ 30,000.00	\$ 3,750.00	\$ 45,000.00	\$ 15,000.00	\$ 180,000.00	\$ 3,000.00	\$ 36,000.00	\$ 4,390.00	\$ 52,680.00
2e	Furnish and Install 6-inch Gate Valve and Box	EA	15	\$ 1,800.00	\$ 27,000.00	\$ 2,000.00	\$ 30,000.00	\$ 3,500.00	\$ 52,500.00	\$ 2,500.00	\$ 37,500.00	\$ 1,600.00	\$ 24,000.00	\$ 2,500.00	\$ 37,500.00	\$ 5,000.00	\$ 75,000.00	\$ 2,200.00	\$ 33,000.00	\$ 3,565.00	\$ 53,475.00
3	12-inch by 12-inch Tapping Sleeve and Valve	EA	1	\$ 16,000.00	\$ 16,000.00	\$ 22,000.00	\$ 22,000.00	\$ 18,500.00	\$ 18,500.00	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 12,500.00	\$ 12,500.00	\$ 20,000.00	\$ 20,000.00	\$ 23,000.00	\$ 23,000.00
4	Furnish and Install Ductile Iron Water Main Fittings	LBS	29000	\$ 9.00	\$ 261,000.00	\$ 0.01	\$ 290.00	\$ 0.01	\$ 290.00	\$ 0.01	\$ 290.00	\$ 0.01	\$ 290.00	\$ 0.01	\$ 290.00	\$ 10.50	\$ 304,500.00	\$ 0.01	\$ 290.00	\$ 15.00	\$ 435,000.00
5	Furnish and Install Hydrants	EA	15	\$ 6,000.00	\$ 90,000.00	\$ 10,000.00	\$ 150,000.00	\$ 9,500.00	\$ 142,500.00	\$ 8,000.00	\$ 120,000.00	\$ 6,200.00	\$ 93,000.00	\$ 9,500.00	\$ 142,500.00	\$ 12,000.00	\$ 180,000.00	\$ 10,000.00	\$ 150,000.00	\$ 13,000.00	\$ 195,000.00
6	Disinfection, Pressure and Bacteria Testing of Water Mains	LS	15	\$ 3,500.00	\$ 52,500.00	\$ 10,000.00	\$ 150,000.00	\$ 25,000.00	\$ 375,000.00	\$ 25,000.00	\$ 375,000.00	\$ 25,000.00	\$ 375,000.00	\$ 5,000.00	\$ 75,000.00	\$ 50,000.00	\$ 750,000.00	\$ 45,000.00	\$ 675,000.00	\$ 22,000.00	\$ 330,000.00
7a	Furnish and Install 1-inch Corporation Stop	EA	55	\$ 1,500.00	\$ 82,500.00	\$ 2,100.00	\$ 115,500.00	\$ 1,500.00	\$ 82,500.00	\$ 1,800.00	\$ 99,000.00	\$ 500.00	\$ 27,500.00	\$ 450.00	\$ 24,750.00	\$ 3,500.00	\$ 19,250.00	\$ 1,500.00	\$ 82,500.00	\$ 540.00	\$ 29,700.00
7b	Furnish and Install 1-inch Curb Stop and Box	EA	55	\$ 1,000.00	\$ 55,000.00	\$ 400.00	\$ 22,000.00	\$ 460.00	\$ 25,300.00	\$ 300.00	\$ 16,500.00	\$ 500.00	\$ 27,500.00	\$ 500.00	\$ 27,500.00	\$ 500.00	\$ 27,500.00	\$ 1,500.00	\$ 82,500.00	\$ 1,150.00	\$ 63,250.00
7c	Furnish and Install 2-inch Corporation Stop	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 2,900.00	\$ 5,800.00	\$ 5,500.00	\$ 11,000.00	\$ 2,500.00	\$ 5,000.00	\$ 1,500.00	\$ 3,000.00	\$ 750.00	\$ 1,500.00	\$ 4,000.00	\$ 8,000.00	\$ 3,000.00	\$ 6,000.00	\$ 1,590.00	\$ 3,180.00
7d	Furnish and Install 2-inch Curb Stop and Box	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 800.00	\$ 1,600.00	\$ 800.00	\$ 1,600.00	\$ 500.00	\$ 1,000.00	\$ 1,500.00	\$ 3,000.00	\$ 450.00	\$ 900.00	\$ 1,000.00	\$ 2,000.00	\$ 3,000.00	\$ 6,000.00	\$ 1,660.00	\$ 3,320.00
8a	Furnish and Install 1-inch Type K Copper Tubing on Public Right-of-Way	LF	760	\$ 45.00	\$ 34,200.00	\$ 27.00	\$ 20,520.00	\$ 10.00	\$ 7,600.00	\$ 50.00	\$ 38,000.00	\$ 200.00	\$ 152,000.00	\$ 125.00	\$ 95,000.00	\$ 25.00	\$ 19,000.00	\$ 145.00	\$ 110,200.00	\$ 200.00	\$ 152,000.00
8b	Furnish and Install 2-inch Type K Copper Tubing on Public Right-of-Way	LF	50	\$ 50.00	\$ 2,500.00	\$ 52.00	\$ 2,600.00	\$ 25.00	\$ 1,250.00	\$ 75.00	\$ 3,750.00	\$ 200.00	\$ 10,000.00	\$ 130.00	\$ 6,500.00	\$ 50.00	\$ 2,500.00	\$ 145.00	\$ 7,250.00	\$ 175.00	\$ 8,750.00
8c	Furnish and Install 1-inch Type K Copper Tubing from Curb Stop to Meter	LF	50	\$ 150.00	\$ 7,500.00	\$ 250.00	\$ 12,500.00	\$ 120.00	\$ 6,000.00	\$ 300.00	\$ 15,000.00	\$ 200.00	\$ 10,000.00	\$ 150.00	\$ 7,500.00	\$ 225.00	\$ 11,250.00	\$ 145.00	\$ 7,250.00	\$ 335.00	\$ 16,750.00
9a	Furnish and Install 6-inch Temporary Bypass Water Mains	LF	3300	\$ 24.00	\$ 79,200.00	\$ 34.00	\$ 112,200.00	\$ 21.00	\$ 69,300.00	\$ 25.00	\$ 82,500.00	\$ 15.00	\$ 49,500.00	\$ 0.01	\$ 33.00	\$ 35.00	\$ 115,500.00	\$ 30.00	\$ 99,000.00	\$ 92.00	\$ 303,600.00
9b	Furnish and Install 4-inch Temporary Bypass Water Mains	LF	7300	\$ 13.00	\$ 94,900.00	\$ 19.00	\$ 138,700.00	\$ 21.00	\$ 153,300.00	\$ 20.00	\$ 146,000.00	\$ 15.00	\$ 109,500.00	\$ 0.01	\$ 73.00	\$ 25.00	\$ 182,500.00	\$ 30.00	\$ 219,000.00	\$ 68.00	\$ 496,400.00
9c	Furnish and Install 2-inch Temporary Bypass Water Mains	LF	6900	\$ 11.00	\$ 75,900.00	\$ 16.00	\$ 110,400.00	\$ 16.00	\$ 110,400.00	\$ 15.00	\$ 103,500.00	\$ 10.00	\$ 69,000.00	\$ 0.01	\$ 69.00	\$ 20.00	\$ 138,000.00	\$ 30.00	\$ 207,000.00	\$ 59.00	\$ 407,100.00
10	Catch Basin Modifications	EA	3	\$ 7,500.00	\$ 22,500.00	\$ 2,000.00	\$ 6,000.00	\$ 10,500.00	\$ 31,500.00	\$ 9,000.00	\$ 27,000.00	\$ 9,000.00	\$ 27,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 45,000.00	\$ 15,500.00	\$ 46,500.00	\$ 14,000.00	\$ 42,000.00
11a	Remove and Dispose of Unsuitables Below Normal Grade	CY	250	\$ 0.01	\$ 2.50	\$ 0.01	\$ 2.50	\$ 28.00	\$ 7,000.00	\$ 0.01	\$ 2.50	\$ 0.01	\$ 2.50	\$ 0.01	\$ 2.50	\$ 50.00	\$ 12,500.00	\$ 85.00	\$ 21,250.00	\$ 120.00	\$ 30,000.00
11b	Remove and Dispose of Unsuitables Above Normal Grade	CY	900	\$ 0.01	\$ 9.00	\$ 0.01	\$ 9.00	\$ 28.00	\$ 25,200.00	\$ 0.01	\$ 9.00	\$ 0.01	\$ 9.00	\$ 0.01	\$ 9.00	\$ 50.00	\$ 45,000.00	\$ 85.00	\$ 76,500.00	\$ 120.00	\$ 108,000.00
11c	Rock and Boulder Excavation	CY	650	\$ 0.01	\$ 6.50	\$ 0.01	\$ 6.50	\$ 200.00	\$ 130,000.00	\$ 0.01	\$ 6.50	\$ 200.00	\$ 130,000.00	\$ 0.01	\$ 6.50	\$ 0.01	\$ 6.50	\$ 125.00	\$ 81,250.00	\$ 340.00	\$ 221,000.00
12	Furnish and Install Temporary Trench Pavement	TON	1300	\$ 190.00	\$ 247,000.00	\$ 180.00	\$ 234,000.00	\$ 210.00	\$ 273,000.00	\$ 300.00	\$ 390,000.00	\$ 250.00	\$ 325,000.00	\$ 275.00	\$ 357,500.00	\$ 225.00	\$ 292,500.00	\$ 215.00	\$ 279,500.00	\$ 535.00	\$ 695,500.00
13	Remove and Replace Asphalt Curb	LF	2550	\$ 8.00	\$ 20,400.00	\$ 8.00	\$ 20,400.00	\$ 7.50	\$ 19,125.00	\$ 5.00	\$ 12,750.00	\$ 10.00	\$ 25,500.00	\$ 20.00	\$ 51,000.00	\$ 14.00	\$ 35,700.00	\$ 12.00	\$ 30,600.00	\$ 16.00	\$ 40,800.00
14	Furnish and Install Additional Hot-Mix Asphalt	TON	75	\$ 190.00	\$ 14,250.00	\$ 0.01	\$ 0.75	\$ 85.00	\$ 6,375.00	\$ 0.01	\$ 0.75	\$ 250.00	\$ 0.01	\$ 0.75	\$ 250.00	\$ 0.01	\$ 0.75	\$ 215.00	\$ 16,125.00	\$ 325.00	\$ 24,375.00
15	Inlet Sediment Control Device	EA	40	\$ 0.01	\$ 0.40	\$ 55.00	\$ 2,200.00	\$ 56.00	\$ 2,240.00	\$ 150.00	\$ 6,000.00	\$ 100.00	\$ 4,000.00	\$ 150.00	\$ 6,000.00	\$ 100.00	\$ 4,000.00	\$ 200.00	\$ 8,000.00	\$ 260.00	\$ 10,400.00
16	Erosion and Sediment Control	LF	4850	\$ 8.00	\$ 38,800.00	\$ 5.00	\$ 24,250.00	\$ 9.00	\$ 43,650.00	\$ 10.00	\$ 48,500.00	\$ 10.00	\$ 48,500.00	\$ 12.00	\$ 58,200.00	\$ 10.00	\$ 48,500.00	\$ 10.00	\$ 48,500.00	\$ 11.00	\$ 53,350.00
17	Test Pits	CY	30	\$ 100.00	\$ 3,000.00	\$ 50.00	\$ 1,500.00	\$ 25.00	\$ 750.00	\$ 50.00	\$ 1,500.00	\$ 0.01	\$ 0.30	\$ 75.00	\$ 2,250.00	\$ 350.00	\$ 10,500.00	\$ 150.00	\$ 4,500.00	\$ 680.00	\$ 20,400.00
18	Provide 3,000 psi Concrete for Thrust Restraint and Encasement	CY	30	\$ 0.01	\$ 0.30	\$ 0.01	\$ 0.30	\$ 125.00	\$ 3,750.00	\$ 50.00	\$ 1,500.00	\$ 0.01	\$ 0.30	\$ 0.01	\$ 0.30	\$ 250.00	\$ 750.00	\$ 1,100.00	\$ 33,000.00	\$ 445.00	\$ 13,350.00
19	In-Kind Sidewalk Replacement	SY	50	\$ 50.00	\$ 2,500.00	\$ 200.00	\$ 10,000.00	\$ 80.00	\$ 4,000.00	\$ 0.01	\$ 0.50	\$ 100.00	\$ 5,000.00	\$ 0.01	\$ 0.50	\$ 250.00	\$ 12,500.00	\$ 275.00	\$ 13,750.00	\$ 105.00	\$ 5,250.00
20	Install, Program, and Maintain Sign Board	EA	40	\$ 100.00	\$ 4,000.00	\$ 300.00	\$ 12,000.00	\$ 400.00	\$ 16,000.00	\$ 300.00	\$ 12,000.00	\$ 220.00	\$ 8,800.00	\$ 200.00	\$ 8,000.00	\$ 400.00	\$ 16,000.00	\$ 450.00	\$ 18,000.00	\$ 565.00	\$ 22,600.00
21	CCTV Inspect Sewer Mains	LF	7500	\$ 3.00	\$ 22,500.00	\$ 2.00	\$ 15,000.00	\$ 2.50	\$ 18,750.00												

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				Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price	Unit Bid Price	Total Item Price
A1a	Furnish and Install 20-inch Cement Lined Ductile Iron Pipe	LF	830	\$ 440.00	\$ 365,200.00	\$ 440.00	\$ 365,200.00	\$ 340.00	\$ 282,200.00	\$ 400.00	\$ 332,000.00	\$ 387.00	\$ 321,210.00	\$ 525.00	\$ 435,750.00	\$ 440.00	\$ 365,200.00	\$ 550.00	\$ 456,500.00	\$ 419.00	\$ 347,770.00
A1b	Furnish and Install 20-inch (Class 56) Pre-Insulated Cement Lined Ductile Iron Pipe	LF	20	\$ 750.00	\$ 15,000.00	\$ 500.00	\$ 10,000.00	\$ 1,040.00	\$ 20,800.00	\$ 700.00	\$ 14,000.00	\$ 750.00	\$ 15,000.00	\$ 750.00	\$ 15,000.00	\$ 750.00	\$ 15,000.00	\$ 1,700.00	\$ 34,000.00	\$ 930.00	\$ 18,600.00
A1c	Furnish and Install 16-inch Cement Lined Ductile Iron Pipe	LF	20	\$ 500.00	\$ 10,000.00	\$ 150.00	\$ 3,000.00	\$ 600.00	\$ 12,000.00	\$ 500.00	\$ 10,000.00	\$ 880.00	\$ 17,600.00	\$ 425.00	\$ 8,500.00	\$ 200.00	\$ 4,000.00	\$ 800.00	\$ 16,000.00	\$ 452.00	\$ 9,040.00
A1d	Furnish and Install 8-inch Cement Lined Ductile Iron Pipe	LF	20	\$ 160.00	\$ 3,200.00	\$ 80.00	\$ 1,600.00	\$ 504.00	\$ 10,080.00	\$ 300.00	\$ 6,000.00	\$ 225.00	\$ 4,500.00	\$ 225.00	\$ 4,500.00	\$ 200.00	\$ 4,000.00	\$ 350.00	\$ 7,000.00	\$ 230.00	\$ 4,600.00
A1e	Furnish and Install 6-inch Cement Lined Ductile Iron Pipe	LF	50	\$ 110.00	\$ 5,500.00	\$ 70.00	\$ 3,500.00	\$ 108.00	\$ 5,400.00	\$ 200.00	\$ 10,000.00	\$ 180.00	\$ 9,000.00	\$ 95.00	\$ 4,750.00	\$ 200.00	\$ 10,000.00	\$ 300.00	\$ 15,000.00	\$ 185.00	\$ 9,250.00
A2a	Furnish and Install 20-inch Gate Valve and Box	EA	2	\$ 25,000.00	\$ 50,000.00	\$ 30,000.00	\$ 60,000.00	\$ 35,000.00	\$ 70,000.00	\$ 35,000.00	\$ 70,000.00	\$ 35,000.00	\$ 70,000.00	\$ 35,000.00	\$ 70,000.00	\$ 30,000.00	\$ 60,000.00	\$ 30,500.00	\$ 61,000.00	\$ 33,580.00	\$ 67,160.00
A2b	Furnish and Install 16-inch Gate Valve and Box	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 21,000.00	\$ 21,000.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 16,000.00	\$ 16,000.00	\$ 15,000.00	\$ 15,000.00	\$ 12,500.00	\$ 12,500.00	\$ 13,000.00	\$ 13,000.00	\$ 15,000.00	\$ 15,000.00
A2c	Furnish and Install 6-inch Gate Valve and Box	EA	2	\$ 1,800.00	\$ 3,600.00	\$ 2,000.00	\$ 4,000.00	\$ 3,500.00	\$ 7,000.00	\$ 2,500.00	\$ 5,000.00	\$ 1,600.00	\$ 3,200.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 2,200.00	\$ 4,400.00	\$ 3,565.00	\$ 7,130.00
A3	16-inch by 6-inch Tapping Sleeve and Valve	EA	1	\$ 16,000.00	\$ 16,000.00	\$ 22,000.00	\$ 22,000.00	\$ 22,500.00	\$ 22,500.00	\$ 30,000.00	\$ 30,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 18,000.00	\$ 18,000.00	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 40,000.00
A4	Furnish and Install Ductile Iron Water Main Fittings	LBS	4450	\$ 9.00	\$ 40,050.00	\$ 0.01	\$ 44.50	\$ 0.01	\$ 44.50	\$ 0.01	\$ 44.50	\$ 0.01	\$ 44.50	\$ 0.01	\$ 44.50	\$ 11.00	\$ 48,950.00	\$ 0.01	\$ 44.50	\$ 15.00	\$ 66,750.00
A5	Furnish and Install Hydrants	EA	2	\$ 6,000.00	\$ 12,000.00	\$ 10,000.00	\$ 20,000.00	\$ 9,500.00	\$ 19,000.00	\$ 8,000.00	\$ 16,000.00	\$ 6,200.00	\$ 12,400.00	\$ 9,500.00	\$ 19,000.00	\$ 8,000.00	\$ 16,000.00	\$ 10,000.00	\$ 20,000.00	\$ 13,000.00	\$ 26,000.00
A6	Disinfection, Pressure and Bacteria Testing of Water Mains	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 9,500.00	\$ 9,500.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 7,500.00	\$ 7,500.00	\$ 9,000.00	\$ 9,000.00	\$ 3,000.00	\$ 3,000.00
A7a	Furnish and Install 1-inch Corporation Stop	EA	6	\$ 1,500.00	\$ 9,000.00	\$ 2,100.00	\$ 12,600.00	\$ 1,000.00	\$ 6,000.00	\$ 1,800.00	\$ 10,800.00	\$ 500.00	\$ 3,000.00	\$ 2,750.00	\$ 16,500.00	\$ 3,500.00	\$ 21,000.00	\$ 1,500.00	\$ 9,000.00	\$ 540.00	\$ 3,240.00
A7b	Furnish and Install 1-inch Curb Stop and Box	EA	6	\$ 1,000.00	\$ 6,000.00	\$ 400.00	\$ 2,400.00	\$ 460.00	\$ 2,760.00	\$ 300.00	\$ 1,800.00	\$ 500.00	\$ 3,000.00	\$ 750.00	\$ 4,500.00	\$ 500.00	\$ 3,000.00	\$ 1,500.00	\$ 9,000.00	\$ 1,150.00	\$ 6,900.00
A7c	Furnish and Install 2-inch Corporation Stop	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 4,800.00	\$ 4,800.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 2,750.00	\$ 2,750.00	\$ 4,000.00	\$ 4,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,590.00	\$ 1,590.00
A7d	Furnish and Install 2-inch Curb Stop and Box	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 750.00	\$ 750.00	\$ 500.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,660.00	\$ 1,660.00
A8a	Furnish and Install 1-inch Type K Copper Tubing on Public Right-of-Way	LF	120	\$ 45.00	\$ 5,400.00	\$ 29.00	\$ 3,480.00	\$ 10.00	\$ 1,200.00	\$ 50.00	\$ 6,000.00	\$ 200.00	\$ 24,000.00	\$ 125.00	\$ 15,000.00	\$ 15.00	\$ 1,800.00	\$ 145.00	\$ 17,400.00	\$ 200.00	\$ 24,000.00
A8b	Furnish and Install 2-inch Type K Copper Tubing on Public Right-of-Way	LF	25	\$ 50.00	\$ 1,250.00	\$ 52.00	\$ 1,300.00	\$ 25.00	\$ 625.00	\$ 75.00	\$ 1,875.00	\$ 200.00	\$ 5,000.00	\$ 130.00	\$ 3,250.00	\$ 30.00	\$ 750.00	\$ 145.00	\$ 3,625.00	\$ 175.00	\$ 4,375.00
A8c	Furnish and Install 1-inch Type K Copper Tubing from Curb Stop to Meter	LF	25	\$ 150.00	\$ 3,750.00	\$ 250.00	\$ 6,250.00	\$ 120.00	\$ 3,000.00	\$ 300.00	\$ 7,500.00	\$ 200.00	\$ 5,000.00	\$ 150.00	\$ 3,750.00	\$ 225.00	\$ 5,625.00	\$ 145.00	\$ 3,625.00	\$ 335.00	\$ 8,375.00
A9b	Furnish and Install 4-inch Temporary Bypass Water Mains	LF	1100	\$ 12.50	\$ 13,750.00	\$ 19.00	\$ 20,900.00	\$ 21.00	\$ 23,100.00	\$ 25.00	\$ 27,500.00	\$ 15.00	\$ 16,500.00	\$ 18.00	\$ 19,800.00	\$ 35.00	\$ 38,500.00	\$ 30.00	\$ 33,000.00	\$ 68.00	\$ 74,800.00
A10a	Remove and Dispose of Unsuitables Below Normal Grade	CY	25	\$ 0.01	\$ 0.25	\$ 0.01	\$ 0.25	\$ 28.00	\$ 700.00	\$ 0.01	\$ 0.25	\$ 0.01	\$ 0.25	\$ 0.01	\$ 0.25	\$ 50.00	\$ 1,250.00	\$ 85.00	\$ 2,125.00	\$ 120.00	\$ 3,000.00
A10b	Remove and Dispose of Unsuitables Above Normal Grade	CY	100	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 28.00	\$ 2,800.00	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 50.00	\$ 5,000.00	\$ 85.00	\$ 8,500.00	\$ 120.00	\$ 12,000.00
A10c	Rock and Boulder Excavation	CY	100	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 200.00	\$ 20,000.00	\$ 0.01	\$ 1.00	\$ 200.00	\$ 20,000.00	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 125.00	\$ 12,500.00	\$ 340.00	\$ 34,000.00
A11	Furnish and Install Temporary Trench Pavement	TON	150	\$ 190.00	\$ 28,500.00	\$ 180.00	\$ 27,000.00	\$ 210.00	\$ 31,500.00	\$ 300.00	\$ 45,000.00	\$ 250.00	\$ 37,500.00	\$ 275.00	\$ 41,250.00	\$ 225.00	\$ 33,750.00	\$ 215.00	\$ 32,250.00	\$ 535.00	\$ 80,250.00
A12	Remove and Replace Asphalt Curb	LF	260	\$ 8.00	\$ 2,080.00	\$ 8.00	\$ 2,080.00	\$ 7.50	\$ 1,950.00	\$ 5.00	\$ 1,300.00	\$ 10.00	\$ 2,600.00	\$ 20.00	\$ 5,200.00	\$ 15.00	\$ 3,900.00	\$ 12.00	\$ 3,120.00	\$ 16.00	\$ 4,160.00
A13	Furnish and Install Additional Hot-Mix Asphalt	TON	35	\$ 190.00	\$ 6,650.00	\$ 0.01	\$ 0.35	\$ 85.00	\$ 2,975.00	\$ 0.01	\$ 0.35	\$ 250.00	\$ 8,750.00	\$ 0.01	\$ 0.35	\$ 250.00	\$ 8,750.00	\$ 215.00	\$ 7,525.00	\$ 325.00	\$ 11,375.00
A14	Inlet Sediment Control Device	EA	4	\$ 0.01	\$ 0.04	\$ 55.00	\$ 220.00	\$ 56.00	\$ 224.00	\$ 150.00	\$ 600.00	\$ 100.00	\$ 400.00	\$ 150.00	\$ 600.00	\$ 150.00	\$ 600.00	\$ 200.00	\$ 800.00	\$ 260.00	\$ 1,040.00
A15	Erosion and Sediment Control	LF	1580	\$ 8.00	\$ 12,640.00	\$ 5.00	\$ 7,900.00	\$ 9.00	\$ 14,220.00	\$ 10.00	\$ 15,800.00	\$ 10.00	\$ 15,800.00	\$ 18.00	\$ 28,440.00	\$ 15.00	\$ 23,700.00	\$ 10.00	\$ 15,800.00	\$ 11.00	\$ 17,380.00
A16	Test Pits	CY	30	\$ 100.00	\$ 3,000.00	\$ 50.00	\$ 1,500.00	\$ 25.00	\$ 750.00	\$ 50.00	\$ 1,500.00	\$ 0.01	\$ 0.30	\$ 75.00	\$ 2,250.00	\$ 250.00	\$ 7,500.00	\$ 150.00	\$ 4,500.00	\$ 680.00	\$ 20,400.00
A17	Provide 3,000 psi Concrete for Thrust Restraint and Encasement	CY	20	\$ 0.01	\$ 0.20	\$ 0.01	\$ 0.20	\$ 125.00	\$ 2,500.00	\$ 50.00	\$ 1,000.00	\$ 0.01	\$ 0.20	\$ 0.01	\$ 0.20	\$ 200.00	\$ 4,000.00	\$ 1,100.00	\$ 22,000.00	\$ 445.00	\$ 8,900.00
A18	In-Kind Sidewalk Replacement	SY	10	\$ 50.00	\$ 500.00	\$ 200.00	\$ 2,000.00	\$ 80.00	\$ 800.00	\$ 0.01	\$ 0.10	\$ 100.00	\$ 1,000.00	\$ 0.01	\$ 0.10	\$ 250.00	\$ 2,500.00	\$ 275.00	\$ 2,750.00	\$ 105.00	\$ 1,050.00
A19	Install, Program, and Maintain Sign Board	EA/WK	8	\$ 100.00	\$ 800.00	\$ 300.00	\$ 2,400.00	\$ 400.00	\$ 3,200.00	\$ 300.00	\$ 2,400.00	\$ 100.00	\$ 800.00	\$ 0.01	\$ 0.08	\$ 400.00	\$ 3,200.00	\$ 450.00	\$ 3,600.00	\$ 565.00	\$ 4,520.00
A20	CCTV Inspect Sewer Mains	LF	1250	\$ 3.00	\$ 3,750.00	\$ 2.00	\$ 2,500.00	\$ 2.50	\$ 3,125.00	\$ 5.00	\$ 6,250.00	\$ 9.00	\$ 11,250.00	\$ 4.00	\$ 5,000.00	\$ 10.00	\$ 12,500.00	\$ 6.00	\$ 7,500.00	\$ 13.00	\$ 16,250.00
A21	Cut Protruding Service Connection	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 900.00	\$ 900.00	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 900.00	\$ 900.00	\$ 5,300.00	\$ 5,300.00
A22	Owner's Contingency Allowance for Sewer and Drain Repairs	NTE	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
A23	Owner's Contingency Allowance for Compaction Testing	NTE	1	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
A24	Owner's Contingency Allowance for Asbestos-Cement Sewer Main	NTE	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
A25	Owner's Contingency Allowance for Materials Escalation Price Adjustment	NTE	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
A26	Mobilization/Demobilization	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 30,000.00	\$ 30,000.00	\$ 35,000.00	\$ 35,000.00	\$ 20,000.00	\$ 20,000.00	\$ 35,000.00	\$ 35,000.00	\$ 36,000.00	\$ 36,000.00	\$ 100,000.00	\$ 100,000.00	\$ 50,000.00	\$ 50,000.00</