

City of Quincy
Elm Avenue and Sea Street
Water Main Replacement
BID DATE: July 28, 2016

WESTON & SAMPSON
Peabody, MA

	Contractor	Base Bid
1	A Vozella & Sons Inc	\$1,720,811.40
2	C. Naughton Corp.	\$1,724,336.10
3	GTA Co. Inc. *	\$1,919,524.95
4	CN Corp	\$1,927,493.86
5	J. D'Amico Inc.	\$1,947,282.50
6	Revoli Construction	\$2,106,982.32

*Corrected addition error in bid calculation

O:\Quincy MA\FY 2016 Water Main Project\Bidding\[Bid Tab.xls]Bid Summary

ITEM NO.	CONT. QUAN.	DESCRIPTION	A Vozzella & Sons Inc Brockton, MA		C. Naughton Corp. Bridgewater, MA	
			UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
Water Mains and Fittings						
1a	3,780	10 to 12-inch ductile iron pipe and fittings, per lin ft	\$120.00	\$453,600.00	\$120.00	\$453,600.00
1b	2,840	8-inch ductile iron pipe and fittings, per lin ft	\$100.00	\$284,000.00	\$110.00	\$312,400.00
1c	200	6-inch ductile iron pipe and fittings, per lin ft	\$75.00	\$15,000.00	\$80.00	\$16,000.00
1d	3,240	Polyethylene encasement for DI pipe, per lin ft	\$0.01	\$32.40	\$0.01	\$32.40
1e	1,600	Additional fittings, per pound	\$0.01	\$16.00	\$0.01	\$16.00
Temporary Service Piping						
2a	5,920	4-inch temporary service pipe, per lin ft	\$0.01	\$59.20	\$0.01	\$59.20
2b	4,140	2-inch temporary service pipe, per lin ft	\$0.01	\$41.40	\$0.01	\$41.40
2c	1	Underground connections to temporary water main, per connection	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00
Pipe Insulation						
3a	140	Pipe insulation, per lin ft	\$0.01	\$1.40	\$0.01	\$1.40
Hydrants and Valves						
4a	16	New hydrant, per hydrant	\$4,400.00	\$70,400.00	\$7,000.00	\$112,000.00
4b	12	Remove existing hydrants, per hydrant	\$1,000.00	\$12,000.00	\$100.00	\$1,200.00
4c	33	12 & 10-inch gate valves, per valve	\$4,800.00	\$158,400.00	\$5,000.00	\$165,000.00
4d	31	8-inch gate valves, per valve	\$3,000.00	\$93,000.00	\$2,000.00	\$62,000.00
4e	16	6-inch gate valves, per valve	\$2,000.00	\$32,000.00	\$1,500.00	\$24,000.00
4f	1	10-inch insertion valve, per valve	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00
4g	1	8-inch insertion valve, per valve	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00
4h	1	6-inch insertion valve, per valve	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00
Service Connections						
5a	123	1-inch corporation stops, per unit	\$1,000.00	\$123,000.00	\$1,300.00	\$159,900.00
5b	123	1-inch curb stops, per unit	\$1,000.00	\$123,000.00	\$200.00	\$24,600.00
5c	3,090	1-inch copper piping, per lin ft	\$40.00	\$123,600.00	\$10.00	\$30,900.00
5d	3	1.5 & 2-inch corporation stops, per unit	\$1,000.00	\$3,000.00	\$3,000.00	\$9,000.00
5e	3	1.5 & 2-inch curb stops, per unit	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
5f	120	1.5 & 2-inch copper piping, per lin ft	\$20.00	\$2,400.00	\$50.00	\$6,000.00
Sewer and Drain Reconstruction						
6a	10	Sewer and drain reconstruction within water trench limits, per reconstruction	\$0.01	\$0.10	\$100.00	\$1,000.00
Rock Excavation and Disposal						
7a(1)	600	Rock Excavation and Disposal (min), per cub yd	\$75.00	\$45,000.00	\$75.00	\$45,000.00
7a(2)	600	Rock Excavation and Disposal (add'l), per cub yd	\$0.01	\$6.00	\$0.01	\$6.00
Earthwork						
8a(1)	300	Unsuitable material above normal grade (min), per cub yd	\$12.00	\$3,600.00	\$12.00	\$3,600.00
8a(2)	300	Unsuitable material above normal grade (add'l), per cub yd	\$0.01	\$3.00	\$8.00	\$2,400.00
8b(1)	300	Unsuitable material below normal grade (min), per cub yd	\$10.00	\$3,000.00	\$10.00	\$3,000.00
8b(2)	300	Unsuitable material below normal grade (add'l), per cub yd	\$0.01	\$3.00	\$10.00	\$3,000.00
8c	200	Additional earthwork below normal grade, per cub yd	\$0.01	\$2.00	\$10.00	\$2,000.00
8d(1)	150	Test pits (min), per cub yd	\$50.00	\$7,500.00	\$50.00	\$7,500.00
8d(2)	150	Test pits (add'l), per cub yd	\$0.01	\$1.50	\$0.01	\$1.50
Pavement Replacement						
9a	6,820	Temporary trench pavement (Type 1), per lin ft	\$0.01	\$68.20	\$0.01	\$68.20
9b	6,820	Permanent trench pavement with 12" cutbacks (Type 2), per lin ft	\$0.01	\$68.20	\$20.00	\$136,400.00
9c	100	Additional pavement, per ton	\$5.00	\$500.00	\$0.01	\$1.00
Dust Control						
10a	1,900	Calcium Chloride, per pound	\$0.01	\$19.00	\$0.01	\$19.00
Environmental Protection						
11a	56	Catch basin protection, add per catch basin	\$200.00	\$11,200.00	\$100.00	\$5,600.00
Price Adjustments						
12a	100	Price adjustment for Liquid Asphalt used in hot mix asphalt mixtures, where price variance is five (5) percent or greater, per ton	\$40.00	\$4,000.00	\$40.00	\$4,000.00
12b	1,620	Price adjustment for gasoline used in construction operations, where price variance is five (5) percent or greater, per gallon	\$0.50	\$810.00	\$0.50	\$810.00
12c	29,160	Price adjustment for diesel fuel used in construction operations, where price variance is five (5) percent or greater, per gallon	\$0.50	\$14,580.00	\$0.50	\$14,580.00
Traffic Control						
13a	2,100	Traffic detail officers, per hour	\$44.00	\$92,400.00	\$44.00	\$92,400.00
13c	360	Trailer-mounted changeable message sign, per calendar day	\$25.00	\$9,000.00	\$20.00	\$7,200.00
Total of Bid				\$1,720,811.40		\$1,724,336.10

*Corrected addition error in bid calculation

ITEM NO.	CONT. QUAN.	DESCRIPTION	GTA Co. Inc. Everett, MA		CN Corp Assonet, MA	
			UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
Water Mains and Fittings						
1a	3,780	10 to 12-inch ductile iron pipe and fittings, per lin ft	\$105.00	\$396,900.00	\$110.00	\$415,800.00
1b	2,840	8-inch ductile iron pipe and fittings, per lin ft	\$90.00	\$255,600.00	\$85.00	\$241,400.00
1c	200	6-inch ductile iron pipe and fittings, per lin ft	\$75.00	\$15,000.00	\$100.00	\$20,000.00
1d	3,240	Polyethylene encasement for DI pipe, per lin ft	\$2.00	\$6,480.00	\$5.00	\$16,200.00
1e	1,600	Additional fittings, per pound	\$0.01	\$16.00	\$0.01	\$16.00
Temporary Service Piping						
2a	5,920	4-inch temporary service pipe, per lin ft	\$10.00	\$59,200.00	\$12.00	\$71,040.00
2b	4,140	2-inch temporary service pipe, per lin ft	\$10.00	\$41,400.00	\$9.00	\$37,260.00
2c	1	Underground connections to temporary water main, per connection	\$0.01	\$0.01	\$1,500.00	\$1,500.00
Pipe Insulation						
3a	140	Pipe insulation, per lin ft	\$0.01	\$1.40	\$100.00	\$14,000.00
Hydrants and Valves						
4a	16	New hydrant, per hydrant	\$5,000.00	\$80,000.00	\$4,500.00	\$72,000.00
4b	12	Remove existing hydrants, per hydrant	\$0.01	\$0.12	\$500.00	\$6,000.00
4c	33	12 & 10-inch gate valves, per valve	\$5,000.00	\$165,000.00	\$3,700.00	\$122,100.00
4d	31	8-inch gate valves, per valve	\$3,000.00	\$93,000.00	\$2,500.00	\$77,500.00
4e	16	6-inch gate valves, per valve	\$1,500.00	\$24,000.00	\$1,900.00	\$30,400.00
4f	1	10-inch insertion valve, per valve	\$12,000.00	\$12,000.00	\$10,500.00	\$10,500.00
4g	1	8-inch insertion valve, per valve	\$12,000.00	\$12,000.00	\$7,700.00	\$7,700.00
4h	1	6-inch insertion valve, per valve	\$12,000.00	\$12,000.00	\$7,600.00	\$7,600.00
Service Connections						
5a	123	1-inch corporation stops, per unit	\$1,500.00	\$184,500.00	\$2,500.00	\$307,500.00
5b	123	1-inch curb stops, per unit	\$0.01	\$1.23	\$0.01	\$1.23
5c	3,090	1-inch copper piping, per lin ft	\$20.00	\$61,800.00	\$0.01	\$30.90
5d	3	1.5 & 2-inch corporation stops, per unit	\$3,000.00	\$9,000.00	\$3,500.00	\$10,500.00
5e	3	1.5 & 2-inch curb stops, per unit	\$0.01	\$0.03	\$0.01	\$0.03
5f	120	1.5 & 2-inch copper piping, per lin ft	\$25.00	\$3,000.00	\$0.01	\$1.20
Sewer and Drain Reconstruction						
6a	10	Sewer and drain reconstruction within water trench limits, per reconstruction	\$0.01	\$0.10	\$1,000.00	\$10,000.00
Rock Excavation and Disposal						
7a(1)	600	Rock Excavation and Disposal (min), per cub yd	\$75.00	\$45,000.00	\$75.00	\$45,000.00
7a(2)	600	Rock Excavation and Disposal (add'l), per cub yd	\$0.01	\$6.00	\$0.01	\$6.00
Earthwork						
8a(1)	300	Unsuitable material above normal grade (min), per cub yd	\$12.00	\$3,600.00	\$12.00	\$3,600.00
8a(2)	300	Unsuitable material above normal grade (add'l), per cub yd	\$0.01	\$3.00	\$0.01	\$3.00
8b(1)	300	Unsuitable material below normal grade (min), per cub yd	\$10.00	\$3,000.00	\$10.00	\$3,000.00
8b(2)	300	Unsuitable material below normal grade (add'l), per cub yd	\$0.01	\$3.00	\$0.01	\$3.00
8c	200	Additional earthwork below normal grade, per cub yd	\$0.01	\$2.00	\$0.01	\$2.00
8d(1)	150	Test pits (min), per cub yd	\$50.00	\$7,500.00	\$50.00	\$7,500.00
8d(2)	150	Test pits (add'l), per cub yd	\$0.01	\$1.50	\$0.01	\$1.50
Pavement Replacement						
9a	6,820	Temporary trench pavement (Type 1), per lin ft	\$25.00	\$170,500.00	\$24.00	\$163,680.00
9b	6,820	Permanent trench pavement with 12" cutbacks (Type 2), per lin ft	\$20.00	\$136,400.00	\$12.00	\$81,840.00
9c	100	Additional pavement, per ton	\$0.01	\$1.00	\$70.00	\$7,000.00
Dust Control						
10a	1,900	Calcium Chloride, per pound	\$0.01	\$19.00	\$0.01	\$19.00
Environmental Protection						
11a	56	Catch basin protection, add per catch basin	\$0.01	\$0.56	\$125.00	\$7,000.00
Price Adjustments						
12a	100	Price adjustment for Liquid Asphalt used in hot mix asphalt mixtures, where price variance is five (5) percent or greater, per ton	\$40.00	\$4,000.00	\$40.00	\$4,000.00
12b	1,620	Price adjustment for gasoline used in construction operations, where price variance is five (5) percent or greater, per gallon	\$0.50	\$810.00	\$0.50	\$810.00
12c	29,160	Price adjustment for diesel fuel used in construction operations, where price variance is five (5) percent or greater, per gallon	\$0.50	\$14,580.00	\$0.50	\$14,580.00
Traffic Control						
13a	2,100	Traffic detail officers, per hour	\$44.00	\$92,400.00	\$44.00	\$92,400.00
13c	360	Trailer-mounted changeable message sign, per calendar day	\$30.00	\$10,800.00	\$50.00	\$18,000.00
Total of Bid				\$1,919,524.95 *		\$1,927,493.86

*Corrected addition error in bid calculation

ITEM NO.	CONT. QUAN.	DESCRIPTION	J. D'Amico Inc. Randolph, MA		Revoli Construction Franklin, MA	
			UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
Water Mains and Fittings						
1a	3,780	10 to 12-inch ductile iron pipe and fittings, per lin ft	\$115.00	\$434,700.00	\$150.00	\$567,000.00
1b	2,840	8-inch ductile iron pipe and fittings, per lin ft	\$95.00	\$269,800.00	\$145.00	\$411,800.00
1c	200	6-inch ductile iron pipe and fittings, per lin ft	\$45.00	\$9,000.00	\$75.00	\$15,000.00
1d	3,240	Polyethylene encasement for DI pipe, per lin ft	\$1.00	\$3,240.00	\$2.00	\$6,480.00
1e	1,600	Additional fittings, per pound	\$0.01	\$16.00	\$0.01	\$16.00
Temporary Service Piping						
2a	5,920	4-inch temporary service pipe, per lin ft	\$18.00	\$106,560.00	\$0.01	\$59.20
2b	4,140	2-inch temporary service pipe, per lin ft	\$14.00	\$57,960.00	\$0.01	\$41.40
2c	1	Underground connections to temporary water main, per connection	\$1,000.00	\$1,000.00	\$1,750.00	\$1,750.00
Pipe Insulation						
3a	140	Pipe insulation, per lin ft	\$135.00	\$18,900.00	\$45.00	\$6,300.00
Hydrants and Valves						
4a	16	New hydrant, per hydrant	\$4,500.00	\$72,000.00	\$6,750.00	\$108,000.00
4b	12	Remove existing hydrants, per hydrant	\$500.00	\$6,000.00	\$0.01	\$0.12
4c	33	12 & 10-inch gate valves, per valve	\$2,000.00	\$66,000.00	\$1,750.00	\$57,750.00
4d	31	8-inch gate valves, per valve	\$1,200.00	\$37,200.00	\$785.00	\$24,335.00
4e	16	6-inch gate valves, per valve	\$800.00	\$12,800.00	\$775.00	\$12,400.00
4f	1	10-inch insertion valve, per valve	\$12,500.00	\$12,500.00	\$2,750.00	\$2,750.00
4g	1	8-inch insertion valve, per valve	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00
4h	1	6-inch insertion valve, per valve	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00
Service Connections						
5a	123	1-inch corporation stops, per unit	\$1,900.00	\$233,700.00	\$1,750.00	\$215,250.00
5b	123	1-inch curb stops, per unit	\$250.00	\$30,750.00	\$150.00	\$18,450.00
5c	3,090	1-inch copper piping, per lin ft	\$35.00	\$108,150.00	\$15.00	\$46,350.00
5d	3	1.5 & 2-inch corporation stops, per unit	\$4,000.00	\$12,000.00	\$1,800.00	\$5,400.00
5e	3	1.5 & 2-inch curb stops, per unit	\$600.00	\$1,800.00	\$175.00	\$525.00
5f	120	1.5 & 2-inch copper piping, per lin ft	\$35.00	\$4,200.00	\$20.00	\$2,400.00
Sewer and Drain Reconstruction						
6a	10	Sewer and drain reconstruction within water trench limits, per reconstruction	\$250.00	\$2,500.00	\$0.01	\$0.10
Rock Excavation and Disposal						
7a(1)	600	Rock Excavation and Disposal (min), per cub yd	\$75.00	\$45,000.00	\$75.00	\$45,000.00
7a(2)	600	Rock Excavation and Disposal (add'l), per cub yd	\$0.01	\$6.00	\$0.01	\$6.00
Earthwork						
8a(1)	300	Unsuitable material above normal grade (min), per cub yd	\$12.00	\$3,600.00	\$12.00	\$3,600.00
8a(2)	300	Unsuitable material above normal grade (add'l), per cub yd	\$0.01	\$3.00	\$0.01	\$3.00
8b(1)	300	Unsuitable material below normal grade (min), per cub yd	\$10.00	\$3,000.00	\$10.00	\$3,000.00
8b(2)	300	Unsuitable material below normal grade (add'l), per cub yd	\$0.01	\$3.00	\$0.01	\$3.00
8c	200	Additional earthwork below normal grade, per cub yd	\$0.01	\$2.00	\$0.01	\$2.00
8d(1)	150	Test pits (min), per cub yd	\$50.00	\$7,500.00	\$50.00	\$7,500.00
8d(2)	150	Test pits (add'l), per cub yd	\$0.01	\$1.50	\$0.01	\$1.50
Pavement Replacement						
9a	6,820	Temporary trench pavement (Type 1), per lin ft	\$10.00	\$68,200.00	\$20.00	\$136,400.00
9b	6,820	Permanent trench pavement with 12" cutbacks (Type 2), per lin ft	\$25.00	\$170,500.00	\$40.00	\$272,800.00
9c	100	Additional pavement, per ton	\$0.01	\$1.00	\$0.01	\$1.00
Dust Control						
10a	1,900	Calcium Chloride, per pound	\$1.00	\$1,900.00	\$0.01	\$19.00
Environmental Protection						
11a	56	Catch basin protection, add per catch basin	\$75.00	\$4,200.00	\$50.00	\$2,800.00
Price Adjustments						
12a	100	Price adjustment for Liquid Asphalt used in hot mix asphalt mixtures, where price variance is five (5) percent or greater, per ton	\$40.00	\$4,000.00	\$40.00	\$4,000.00
12b	1,620	Price adjustment for gasoline used in construction operations, where price variance is five (5) percent or greater, per gallon	\$0.50	\$810.00	\$0.50	\$810.00
12c	29,160	Price adjustment for diesel fuel used in construction operations, where price variance is five (5) percent or greater, per gallon	\$0.50	\$14,580.00	\$0.50	\$14,580.00
Traffic Control						
13a	2,100	Traffic detail officers, per hour	\$44.00	\$92,400.00	\$44.00	\$92,400.00
13c	360	Trailer-mounted changeable message sign, per calendar day	\$30.00	\$10,800.00	\$50.00	\$18,000.00
Total of Bid				\$1,947,282.50		\$2,106,982.32

*Corrected addition error in bid calculation