City of Quincy
Rawson Road and East Squantum Street
Water Main Replacement
BID SUMMARY C:\Users\mmarini\AppData\Local\Microsoft\Windows\Temporary Internet Files\OLKB654\[Quincy Rawson Squantum WM.xls]Bid Tabulation
BID DATE: August 7, 2014

WESTON & SAMPSON ENGINEERS, INC.
PEABODY, MASSACHUSETTS

			C. Naughton Corp. Bridgewater, MA		GTA Co., Inc. Everett, MA		RJV Construction Corp. Canton, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
		Water Mains and Fittings						
1a	4,640	10 to 12-inch ductile iron pipe and fittings, per lin ft	$110.00	$510,400.00	$105.00	$487,200.00	$140.00	$649,600.00
1b	120	8-inch ductile iron pipe and fittings, per lin ft	$50.00	$6,000.00	$85.00	$10,200.00	$50.00	$6,000.00
1d	90	6-inch ductile iron pipe and fittings, per lin ft	$80.00	$7,200.00	$85.00	$7,650.00	$50.00	$4,500.00
1e	4,850	Polyethylene encasement for DI pipe, per lin ft	$0.01	$48.50	$2.00	$9,700.00	$1.00	$4,850.00
1f	1,500	Additional fittings, per pound	$0.01	$15.00	$0.01	$15.00	$2.00	$3,000.00
		Temporary Service Piping						
2a	1,980	4-inch temporary service pipe, per lin ft	$0.01	$19.80	$7.00	$13,860.00	$12.00	$23,760.00
2b	1,120	2-inch temporary service pipe, per lin ft	$0.01	$11.20	$7.00	$7,840.00	$10.00	$11,200.00
		Pipe Insulation						
3a	20	Pipe insulation, per lin ft	$1.00	$20.00	$0.01	$0.20	$50.00	$1,000.00
		Hydrants and Valves						
4a	10	New hydrant, per hydrant	$7,000.00	$70,000.00	$5,000.00	$50,000.00	$5,000.00	$50,000.00
4b	6	Remove existing hydrants, per hydrant	$100.00	$600.00	$0.01	$0.06	$750.00	$4,500.00
4c	20	12-inch gate valves, per valve	$5,000.00	$100,000.00	$3,500.00	$70,000.00	$5,000.00	$100,000.00
4d	3	8-inch gate valves, per valve	$3,000.00	$9,000.00	$2,500.00	$7,500.00	$4,500.00	$13,500.00
4e	10	6-inch gate valves, per valve	$3,000.00	$30,000.00	$1,000.00	$10,000.00	$2,500.00	$25,000.00
4f	1	8-inch insertion valve, per valve	$5,000.00	$5,000.00	$15,000.00	$15,000.00	$15,000.00	$15,000.00
4g	1	16" x 12" tapping sleeve and gate valve, per set	$15,000.00	$15,000.00	$40,000.00	$40,000.00	$20,000.00	$20,000.00
		Service Connections						
5a	44	1-inch corporation stops, per unit	$1,000.00	$44,000.00	$1,100.00	$48,400.00	$500.00	$22,000.00
5b	44	1-inch curb stops, per unit	$200.00	$8,800.00	$0.01	$0.44	$500.00	$22,000.00
5c	960	1-inch copper piping, per lin ft	$10.00	$9,600.00	$5.00	$4,800.00	$75.00	$72,000.00
		Drain and Culvert Crossing						
6a	1	Rawson Road drain crossing, lump sum	$2,000.00	$2,000.00	$2,500.00	$2,500.00 *	$25,000.00	$25,000.00
6b	2	East Squantum St culvert crossing, lump sum	$1,000.00	$2,000.00	$15,000.00	$30,000.00	$25,000.00	$50,000.00
		Sewer and Drain Reconstruction						
7a	30	Sewer and drain reconstruction within water trench limits, per reconstruction	$100.00	$3,000.00	$0.01	$0.30	$500.00	$15,000.00
		Rock Excavation and Disposal						
8a(1)	400	Rock Excavation and Disposal (min), per cub yd	$75.00	$30,000.00	$75.00	$30,000.00	$75.00	$30,000.00
8a(2)	400	Rock Excavation and Disposal (add'l), per cub yd	$0.01	$4.00	$0.01	$4.00	$0.00	$0.00
		Earthwork						
9a(1)	300	Unsuitable material above normal grade (min), per cub yd	$12.00	$3,600.00	$12.00	$3,600.00	$12.00	$3,600.00
9a(2)	300	Unsuitable material above normal grade (add'l), per cub yd	$18.00	$5,400.00	$0.01	$3.00 *	$0.00	$0.00
9b(1)	200	Unsuitable material below normal grade (min), per cub yd	$10.00	$2,000.00	$10.00	$2,000.00	$10.00	$2,000.00
9b(2)	200	Unsuitable material below normal grade (add'l), per cub yd	$0.01	$2.00	$0.01	$2.00	$0.00	$0.00
9c	300	Additional earthwork below normal grade, per cub yd	$0.01	$3.00	$0.01	$3.00	$15.00	$4,500.00
9d(1)	150	Test pits (min), per cub yd	$50.00	$7,500.00	$50.00	$7,500.00	$50.00	$7,500.00
9d(2)	150	Test pits (add'l), per cub yd	$1.00	$150.00	$0.01	$1.50	$0.00	$0.00
		Pavement Replacement						
10a	4,880	Temporary trench pavement (Type 1), per lin ft	$0.01	$48.80	$12.00	$58,560.00	$20.00	$97,600.00
10b	3,410	Permanent trench pavement with 12" cutbacks (Type 2), per lin ft	$40.00	$136,400.00	$45.00	$153,450.00	$38.00	$129,580.00
10c	1,610	Permanent trench pavement (Type 3), per lin ft	$0.01	$16.10	$40.00	$64,400.00	$26.00	$41,860.00
10d	13,980	Cold planing, per sq yd	$5.00	$69,900.00	$4.00	$55,920.00	$4.00	$55,920.00
10e	3,690	Pulverization/recycling, per sq yd	$6.00	$22,140.00	$5.00	$18,450.00	$6.00	$22,140.00
10f	430	Permanent binder course pavement, per ton	$90.00	$38,700.00	$90.00	$38,700.00	$100.00	$43,000.00
10g	1,890	Permanent top course pavement, per ton	$90.00	$170,100.00	$90.00	$170,100.00	$100.00	$189,000.00
		Pavement Markings						
11a	6,595	4-inch solid white line, per lin ft	$0.70	$4,616.50	$1.00	$6,595.00	$0.75	$4,946.25
11b	3,170	Double 4-inch yellow center line, per lin ft	$1.00	$3,170.00	$2.00	$6,340.00	$1.50	$4,755.00
11c	110	White pavement arrows and legends reflectorized thermoplasitc, per sq ft	$3.00	$330.00	$5.00	$550.00	$10.00	$1,100.00
11d	840	12-inch white line reflectorized thermoplastic, per lin ft	$3.00	$2,520.00	$3.00	$2,520.00	$3.00	$2,520.00
		Sidewalk, Wheelchair Ramp, and Curbing Replacement						
12a	1,680	Sidewalk replacement with new cement concrete sidewalk, per sq yd	$60.00	$100,800.00	$75.00	$126,000.00	$67.00	$112,560.00
12b	2,340	Sidewalk replacement with new bituminous concrete, per sq yd	$30.00	$70,200.00	$30.00	$70,200.00	$31.00	$72,540.00
12c	280	Cement concrete drive and ramp, per sq yd	$60.00	$16,800.00	$75.00	$21,000.00	$75.00	$21,000.00
12d	9	New wheelchair ramp, per ramp	$5,000.00	$45,000.00	$3,000.00	$27,000.00	$2,400.00	$21,600.00
12e	1,230	New granite curbing, per lin ft	$45.00	$55,350.00	$50.00	$61,500.00	$46.00	$56,580.00
12f	25	New granite curb corner, per unit	$300.00	$7,500.00	$100.00	$2,500.00	$400.00	$10,000.00
12g	6,975	Granite curb removed and reset, per lin ft	$15.00	$104,625.00	$35.00	$244,125.00	$32.00	$223,200.00
		Dust Control						
13a	1,600	Calcium Chloride, per pound	$1.00	$1,600.00	$0.01	$16.00	$0.50	$800.00
		Environmental Protection						
14a	2,450	Straw wattle, per lin ft	$10.00	$24,500.00	$5.00	$12,250.00	$6.00	$14,700.00
14b	22	Catch basin protection, add per catch basin	$100.00	$2,200.00	$0.01	$0.22	$100.00	$2,200.00
		Price Adjustments						
15a	200	Price adjustment for Liquid Asphalt used in hot mix asphalt mixtures, where price variance is five (5) percent or greater, per ton	$100.00	$20,000.00	$100.00	$20,000.00	$100.00	$20,000.00
15b	1,300	Price adjustment for gasoline used in construction operations, where price variance is five (5) percent or greater, per gallon	$0.50	$650.00	$0.50	$650.00	$0.50	$650.00
15c	23,500	Price adjustment for diesel fuel used in construction operations, where price variance is five (5) percent or greater, per gallon	$0.50	$11,750.00	$0.50	$11,750.00	$0.50	$11,750.00
		Traffic Control						
16a	2,500	Traffic detail officers, per hour	$44.00	$110,000.00	$44.00	$110,000.00	$44.00	$110,000.00
16b	200	Trailer-mounted changeable message sign, per calendar day	$20.00	$4,000.00	$50.00	$10,000.00	$40.00	$8,000.00
		Total of Bid		**$1,894,289.90**		**$2,150,355.72 ***		**$2,463,511.25**

*Error in calculation of Bid Amount