

**CITY OF FRAMINGHAM, MASSACHUSETTS
INTERCHANGE 12 INTERCEPTOR SEWER - PHASE 1 PW-393
BID OPENING - NOVEMBER 15, 2018**

CANVAS OF BIDS

ITEM NO.	ITEM OF WORK	ESTIMATED QUANTITIES	UNITS	Albanese D&S		P Gioloso & Sons		RJV		Baltazar		Northeast Remco	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	MOBILIZATION/DEMOBILIZATION (NOT TO EXCEED 5% OF TOTAL BID)	1	L.S.	\$800,000.00	\$800,000.00	\$775,600.00	\$775,600.00	\$800,000.00	\$800,000.00	\$950,000.00	\$950,000.00	\$1,300,000.00	\$1,300,000.00
2	8-INCH PVC SEWER PIPING	20	L.F.	\$400.00	\$8,000.00	\$420.00	\$8,400.00	\$550.00	\$11,000.00	\$300.00	\$6,000.00	\$150.00	\$3,000.00
3	12-INCH PVC SEWER PIPING	20	L.F.	\$400.00	\$8,000.00	\$410.00	\$8,200.00	\$600.00	\$12,000.00	\$300.00	\$6,000.00	\$170.00	\$3,400.00
4	18-INCH PVC SEWER PIPING	5	L.F.	\$1,000.00	\$5,000.00	\$2,200.00	\$11,000.00	\$3,200.00	\$16,000.00	\$2,000.00	\$10,000.00	\$200.00	\$1,000.00
5	18-INCH HDPE DRAIN PIPING	30	L.F.	\$325.00	\$9,750.00	\$150.00	\$4,500.00	\$400.00	\$12,000.00	\$320.00	\$9,600.00	\$300.00	\$9,000.00
6	OPEN CUT 30-INCH CCFRPM SEWER PIPING WITHIN 42-INCH STEEL CASING PIPE	408	L.F.	\$3,400.00	\$1,387,200.00	\$1,305.00	\$532,440.00	\$4,200.00	\$1,713,600.00	\$2,000.00	\$816,000.00	\$4,500.00	\$1,836,000.00
7	OPEN CUT 30-INCH CCFRPM SEWER PIPING WITHOUT STEEL CASING PIPE	1376	L.F.	\$1,700.00	\$2,339,200.00	\$980.00	\$1,348,480.00	\$2,100.00	\$2,889,600.00	\$610.00	\$839,360.00	\$4,500.00	\$6,192,000.00
8	5-FOOT DIAMETER PRECAST SEWER MANHOLES	2	EA.	\$21,000.00	\$42,000.00	\$14,990.00	\$29,980.00	\$15,000.00	\$30,000.00	\$20,000.00	\$40,000.00	\$7,000.00	\$14,000.00
9	6-FOOT DIAMETER PRECAST SEWER MANHOLES	13	EA.	\$50,000.00	\$650,000.00	\$18,000.00	\$234,000.00	\$20,000.00	\$260,000.00	\$35,000.00	\$455,000.00	\$10,000.00	\$130,000.00
10	EXTERIOR DROP ON PRECAST MANHOLE	18	V.F.	\$500.00	\$9,000.00	\$420.00	\$7,560.00	\$500.00	\$9,000.00	\$300.00	\$5,400.00	\$150.00	\$2,700.00
11	MANHOLE FRAME AND COVER	15	EA.	\$1,000.00	\$15,000.00	\$1,100.00	\$16,500.00	\$1,500.00	\$22,500.00	\$1,500.00	\$22,500.00	\$900.00	\$13,500.00
12	TEMPORARY SEWER BYPASS	3	L.S.	\$0.01	\$0.03	\$24,500.00	\$73,500.00	\$1.00	\$3.00	\$1.00	\$3.00	\$20,000.00	\$60,000.00
13	BENTONITE COLLARS	6	EA.	\$3,000.00	\$18,000.00	\$1,500.00	\$9,000.00	\$5,000.00	\$30,000.00	\$3,000.00	\$18,000.00	\$2,000.00	\$12,000.00
14	42-INCH STEEL CASING PIPE COMPLETE IN PLACE BY AUGER BORING	81	L.F.	\$2,530.00	\$204,930.00	\$5,270.00	\$426,870.00	\$6,700.00	\$542,700.00	\$5,800.00	\$469,800.00	\$4,000.00	\$324,000.00
15	48-INCH STEEL CASING PIPE COMPLETE IN PLACE BY MICROTUNNELING	682	L.F.	\$2,610.00	\$1,780,020.00	\$3,400.00	\$2,318,800.00	\$2,500.00	\$1,705,000.00	\$2,200.00	\$1,500,400.00	\$2,200.00	\$1,500,400.00
15A	60-INCH STEEL CASING PIPE COMPLETE IN PLACE BY MICROTUNNELING	1014	L.F.	\$3,763.00	\$3,815,682.00	\$4,330.00	\$4,390,620.00	\$4,700.00	\$4,765,800.00	\$4,000.00	\$4,056,000.00	\$4,950.00	\$5,019,300.00
16	60-INCH STEEL CASING PIPE COMPLETE IN PLACE BY OPEN-FACE PIPE JACKING	119	L.F.	\$3,350.00	\$398,650.00	\$8,500.00	\$1,011,500.00	\$5,900.00	\$702,100.00	\$5,200.00	\$618,800.00	\$8,000.00	\$952,000.00
17	CARRIER PIPE PLACEMENT FOR 30-INCH CCFRPM, PRESSURE CLASS 25 PSI, INSIDE 42-INCH STEEL CASING PIPE, COMPLETE IN PLACE	87	L.F.	\$400.00	\$34,800.00	\$900.00	\$78,300.00	\$600.00	\$52,200.00	\$400.00	\$34,800.00	\$400.00	\$34,800.00
18	CARRIER PIPE PLACEMENT FOR 30-INCH CCFRPM, PRESSURE CLASS 25 PSI, INSIDE 48-INCH STEEL CASING PIPE, COMPLETE IN PLACE	682	L.F.	\$380.00	\$259,160.00	\$475.00	\$323,950.00	\$485.00	\$330,770.00	\$350.00	\$238,700.00	\$400.00	\$272,800.00
19	CARRIER PIPE PLACEMENT FOR 30-INCH CCFRPM, PRESSURE CLASS 25 PSI, INSIDE 60-INCH STEEL CASING PIPE, COMPLETE IN PLACE	1137	L.F.	\$380.00	\$432,060.00	\$475.00	\$540,075.00	\$685.00	\$778,845.00	\$500.00	\$568,500.00	\$400.00	\$454,800.00
20	16-INCH STEEL CASING, COMPLETE IN PLACE BY METHOD OF AUGER BORING	78	L.F.	\$1,350.00	\$105,300.00	\$2,500.00	\$195,000.00	\$950.00	\$74,100.00	\$4,600.00	\$358,800.00	\$2,300.00	\$179,400.00
21	CARRIER PIPE PLACEMENT FOR 8-INCH DUCTILE IRON PIPE, BELL JOINT, PRESSURE CLASS 350, INSIDE 16-INCH STEEL CASING PIPE, COMPLETE IN PLACE	78	L.F.	\$290.00	\$22,620.00	\$500.00	\$39,000.00	\$275.00	\$21,450.00	\$450.00	\$35,100.00	\$200.00	\$15,600.00
22	BACKFILL GROUT	775	C.Y.	\$0.01	\$7.75	\$10.00	\$7,750.00	\$200.00	\$155,000.00	\$1.00	\$775.00	\$250.00	\$193,750.00
23	GROUND IMPROVEMENT SHOWN ON DRAWING B-503	1	L.S.	\$0.01	\$0.01	\$1,001.00	\$1,001.00	\$1.00	\$1.00	\$500,000.00	\$500,000.00	\$650,000.00	\$650,000.00
24	GROUND IMPROVEMENTS - INSTALLATION OF STANDPIPES (NOT USED - INCLUDED WITH ITEM 23)	0	L.F.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	HORIZONTAL BORE VERIFICATION OF CHEMICAL GROUTING FROM WITHIN SHAFT, WITH SAMPLING (NOT USED - INCLUDED WITH ITEM 23)	0	L.F.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	SHAFT 1 (STA 1+14) - DEVELOPMENT AND RESTORATION	1	L.S.	\$300,000.00	\$300,000.00	\$205,600.00	\$205,600.00	\$240,000.00	\$240,000.00	\$700,000.00	\$700,000.00	\$835,000.00	\$835,000.00
27	SHAFT 2 (STA 2+08) - DEVELOPMENT AND RESTORATION	1	L.S.	\$300,000.00	\$300,000.00	\$387,000.00	\$387,000.00	\$410,000.00	\$410,000.00	\$900,000.00	\$900,000.00	\$500,000.00	\$500,000.00
28	SHAFT 3 (STA 6+30) - DEVELOPMENT AND RESTORATION	1	L.S.	\$400,000.00	\$400,000.00	\$302,000.00	\$302,000.00	\$225,000.00	\$225,000.00	\$600,000.00	\$600,000.00	\$500,000.00	\$500,000.00
29	SHAFT 4 (STA 7+60) - DEVELOPMENT AND RESTORATION	1	L.S.	\$400,000.00	\$400,000.00	\$374,000.00	\$374,000.00	\$500,000.00	\$500,000.00	\$900,000.00	\$900,000.00	\$500,000.00	\$500,000.00
30	SHAFT 5 (STA 12+02) - DEVELOPMENT AND RESTORATION	1	L.S.	\$400,000.00	\$400,000.00	\$555,000.00	\$555,000.00	\$700,000.00	\$700,000.00	\$900,000.00	\$900,000.00	\$500,000.00	\$500,000.00
31	SHAFT 6 (STA 17+87) - DEVELOPMENT AND RESTORATION	1	L.S.	\$300,000.00	\$300,000.00	\$238,000.00	\$238,000.00	\$240,000.00	\$240,000.00	\$600,000.00	\$600,000.00	\$500,000.00	\$500,000.00
32	SHAFT 7 (STA 23+45) - DEVELOPMENT AND RESTORATION	1	L.S.	\$300,000.00	\$300,000.00	\$307,800.00	\$307,800.00	\$220,000.00	\$220,000.00	\$600,000.00	\$600,000.00	\$500,000.00	\$500,000.00
33	SHAFT 8 (STA 30+32) - DEVELOPMENT AND RESTORATION	1	L.S.	\$420,000.00	\$420,000.00	\$362,000.00	\$362,000.00	\$430,000.00	\$430,000.00	\$700,000.00	\$700,000.00	\$500,000.00	\$500,000.00
34	LAUNCH SHAFT 1A (STA 1+95) AND RECEPTION SHAFT 1B (STA 1+08) DEVELOPMENT FOR 8-INCH WATER LINE	1	L.S.	\$24,000.00	\$24,000.00	\$205,000.00	\$205,000.00	\$45,000.00	\$45,000.00	\$250,000.00	\$250,000.00	\$30,000.00	\$30,000.00
35	GEOTECHNICAL INSTRUMENTATION AND MONITORING	1	L.S.	\$500,000.00	\$500,000.00	\$592,800.00	\$592,800.00	\$425,000.00	\$425,000.00	\$1,000,000.00	\$1,000,000.00	\$850,000.00	\$850,000.00
36	6-INCH DUCTILE IRON WATER MAIN	15	L.F.	\$220.00	\$3,300.00	\$200.00	\$3,000.00	\$250.00	\$3,750.00	\$100.00	\$1,500.00	\$150.00	\$2,250.00
37	8-INCH DUCTILE IRON WATER MAIN	114	L.F.	\$220.00	\$25,080.00	\$220.00	\$25,080.00	\$250.00	\$28,500.00	\$250.00	\$28,500.00	\$300.00	\$34,200.00
38	8-INCH GATE VALVE AND BOX	3	EA.	\$6,000.00	\$18,000.00	\$1,400.00	\$4,200.00	\$2,500.00	\$7,500.00	\$3,000.00	\$9,000.00	\$1,500.00	\$4,500.00
39	EXPLORATORY EXCAVATION	300	C.Y.	\$100.00	\$30,000.00	\$55.00	\$16,500.00	\$85.00	\$25,500.00	\$100.00	\$30,000.00	\$150.00	\$45,000.00
40	ROCK EXCAVATION FOR OPEN CUT SECTIONS, 0 - 12 FEET DEPTH	200	C.Y.	\$100.00	\$20,000.00	\$0.01	\$2.00	\$250.00	\$50,000.00	\$350.00	\$70,000.00	\$1.00	\$200.00
41	ROCK EXCAVATION FOR OPEN CUT SECTIONS, GREATER THAN 12 FEET DEPTH	400	C.Y.	\$200.00	\$80,000.00	\$0.01	\$4.00	\$250.00	\$100,000.00	\$350.00	\$140,000.00	\$500.00	\$200,000.00
42	CONTROLLED DENSITY FILL	150	C.Y.	\$200.00	\$30,000.00	\$680.00	\$102,000.00	\$110.00	\$16,500.00	\$200.00	\$30,000.00	\$125.00	\$18,750.00

**CITY OF FRAMINGHAM, MASSACHUSETTS
INTERCHANGE 12 INTERCEPTOR SEWER - PHASE 1 PW-393
BID OPENING - NOVEMBER 15, 2018**

CANVAS OF BIDS

ITEM NO.	ITEM OF WORK	ESTIMATED QUANTITIES	UNITS	Albanese D&S		P Gioloso & Sons		RVJ		Baltazar		Northeast Remco	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
43	LOW DENSITY CELLULAR CONCRETE FOR PIPE ABANDONMENT	80	C.Y.	\$500.00	\$40,000.00	\$875.00	\$70,000.00	\$550.00	\$44,000.00	\$450.00	\$36,000.00	\$500.00	\$40,000.00
44	PROCESSED GRAVEL	1855	C.Y.	\$25.00	\$46,375.00	\$0.01	\$18.55	\$15.00	\$27,825.00	\$25.00	\$46,375.00	\$30.00	\$55,650.00
45	ORDINARY BORROW	1855	C.Y.	\$20.00	\$37,100.00	\$0.01	\$18.55	\$15.00	\$27,825.00	\$18.00	\$33,390.00	\$20.00	\$37,100.00
46	EXCAVATION OF UNSUITABLE MATERIAL	1855	C.Y.	\$30.00	\$55,650.00	\$0.01	\$18.55	\$30.00	\$55,650.00	\$20.00	\$37,100.00	\$25.00	\$46,375.00
47	MISCELLANEOUS CONCRETE ANCHORS, ENCASEMENT AND CRADLES	420	C.Y.	\$150.00	\$63,000.00	\$290.00	\$121,800.00	\$600.00	\$252,000.00	\$300.00	\$126,000.00	\$200.00	\$84,000.00
48	4-INCH BITUMINOUS CONCRETE TRENCH BINDER PAVEMENT	200	S.Y.	\$50.00	\$10,000.00	\$40.00	\$8,000.00	\$75.00	\$15,000.00	\$70.00	\$14,000.00	\$20.00	\$4,000.00
49	BITUMINOUS CONCRETE EXCAVATION BY COLD PLANER - 1 1/2-INCH DEPTH	910	S.Y.	\$11.00	\$10,010.00	\$14.50	\$13,195.00	\$12.00	\$10,920.00	\$18.00	\$16,380.00	\$20.00	\$18,200.00
50	1 1/2-INCH BITUMINOUS CONCRETE OVERLAY PAVEMENT	910	S.Y.	\$18.00	\$16,380.00	\$18.00	\$16,380.00	\$25.00	\$22,750.00	\$18.00	\$16,380.00	\$22.00	\$20,020.00
51	RESTORE BITUMINOUS CONCRETE SIDEWALK	50	S.Y.	\$40.00	\$2,000.00	\$52.00	\$2,600.00	\$60.00	\$3,000.00	\$80.00	\$4,000.00	\$30.00	\$1,500.00
52	RESTORE CONCRETE SIDEWALK	50	S.Y.	\$90.00	\$4,500.00	\$74.00	\$3,700.00	\$165.00	\$8,250.00	\$100.00	\$5,000.00	\$40.00	\$2,000.00
53	REMOVE AND RESET GRANITE CURB	75	L.F.	\$55.00	\$4,125.00	\$75.00	\$5,625.00	\$30.00	\$2,250.00	\$40.00	\$3,000.00	\$15.00	\$1,125.00
54	REMOVE AND REPLACE BITUMINOUS CONCRETE CURB	100	L.F.	\$20.00	\$2,000.00	\$11.00	\$1,100.00	\$18.00	\$1,800.00	\$30.00	\$3,000.00	\$6.00	\$600.00
55	TEMPORARY ACCESS ROADS	1	L.S.	\$137,000.00	\$137,000.00	\$432,000.00	\$432,000.00	\$400,000.00	\$400,000.00	\$600,000.00	\$600,000.00	\$50,000.00	\$50,000.00
56	SURFACE RESTORATION	1	L.S.	\$50,000.00	\$50,000.00	\$92,800.00	\$92,800.00	\$80,000.00	\$80,000.00	\$150,000.00	\$150,000.00	\$60,000.00	\$60,000.00
57	WETLAND RESTORATION	1	L.S.	\$60,000.00	\$60,000.00	\$162,000.00	\$162,000.00	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00	\$40,000.00	\$40,000.00
58	EROSION CONTROL	1	L.S.	\$20,000.00	\$20,000.00	\$58,000.00	\$58,000.00	\$35,000.00	\$35,000.00	\$250,000.00	\$250,000.00	\$20,000.00	\$20,000.00
59	TEMPORARY WATER MANAGEMENT	1	L.S.	\$100,000.00	\$100,000.00	\$236,000.00	\$236,000.00	\$700,000.00	\$700,000.00	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00
60	CALCIUM CHLORIDE (50 LB BAG)	50	BAG	\$50.00	\$2,500.00	\$40.00	\$2,000.00	\$60.00	\$3,000.00	\$50.00	\$2,500.00	\$25.00	\$1,250.00
61	STEEL SHEETING AND BRACING ORDERED LEFT IN PLACE	11360	S.F.	\$35.00	\$397,600.00	\$63.00	\$715,680.00	\$0.01	\$113.60	\$80.00	\$908,800.00	\$1.00	\$11,360.00
62	POLICE DETAILS	1	ALLOW	\$232,000.00	\$232,000.00	\$232,000.00	\$232,000.00	\$232,000.00	\$232,000.00	\$232,000.00	\$232,000.00	\$232,000.00	\$232,000.00
63	CSX RAILWAY COORDINATION AND FEES	1	ALLOW	\$900,000.00	\$900,000.00	\$900,000.00	\$900,000.00	\$900,000.00	\$900,000.00	\$900,000.00	\$900,000.00	\$900,000.00	\$900,000.00
64	TRAFFIC CONTROLS	1	L.S.	\$600,000.00	\$600,000.00	\$190,000.00	\$190,000.00	\$100,000.00	\$100,000.00	\$500,000.00	\$500,000.00	\$100,000.00	\$100,000.00
65	IMPACTED - SOIL AND FILL IMPACTED ABOVE BACKGROUND	62	TON	\$34.00	\$2,108.00	\$29.00	\$1,798.00	\$30.00	\$1,860.00	\$50.00	\$3,100.00	\$40.00	\$2,480.00
66	UNLINED LANDFILL MATERIAL - SOIL AND FILL MEETS COMM 97-001 OR TO UNLINED IN-STATE LANDFILL	62	TON	\$65.00	\$4,030.00	\$59.00	\$3,658.00	\$66.00	\$4,092.00	\$80.00	\$4,960.00	\$50.00	\$3,100.00
67	LINED LANDFILL MATERIAL - SOIL AND FILL MEETS COMM 97-001 OR TO LINED IN-STATE LANDFILL	250	TON	\$65.00	\$16,250.00	\$60.00	\$15,000.00	\$66.00	\$16,500.00	\$70.00	\$17,500.00	\$60.00	\$15,000.00
68	ASPHALT BATCH PLANT MATERIAL - SOIL AND FILL MEETS INSTATE RECYCLING AT ASPHALT BATCHING PLANT	62	TON	\$75.00	\$4,650.00	\$75.00	\$4,650.00	\$78.00	\$4,836.00	\$80.00	\$4,960.00	\$80.00	\$4,960.00
69	OUT-OF-STATE NON-HAZARDOUS - SOIL AND FILL EXCLUDED FROM IN-STATE LINED OR UNLINED LANDFILL TO THERMAL PROCESSING FACILITIES OR OUT-OF-STATE RECYCLING FACILITIES (NOT A RCRA HAZARDOUS WASTE)	21	TON	\$105.00	\$2,205.00	\$119.00	\$2,499.00	\$114.00	\$2,394.00	\$150.00	\$3,150.00	\$100.00	\$2,100.00
70	HAZARDOUS WASTE - SOILS THAT CONTAIN "LISTED" OR "CHARACTERISTIC" HAZARDOUS WASTE CONSTITUENTS WHICH CANNOT BE TREATED ON-SITE AND MUST BE TRANSPORTED TO AN OUT-OF-STATE APPROVED RCRA SUBTITLE C HAZARDOUS WASTE DISPOSAL OR TREATMENT FACILITY UNDER A UNIFORM HAZARDOUS WASTE MANIFEST	42	TON	\$430.00	\$18,060.00	\$424.00	\$17,808.00	\$450.00	\$18,900.00	\$500.00	\$21,000.00	\$350.00	\$14,700.00
71	REMOVAL AND DISPOSAL OF ASBESTOS CEMENT PIPE	30	L.F.	\$100.00	\$3,000.00	\$85.00	\$2,550.00	\$120.00	\$3,600.00	\$250.00	\$7,500.00	\$100.00	\$3,000.00
72	CONSTRUCTION AND DEMOLITION WASTE	42	TON	\$60.00	\$2,520.00	\$125.00	\$5,250.00	\$120.00	\$5,040.00	\$500.00	\$21,000.00	\$100.00	\$4,200.00
73	ADDITIONAL CHARACTERIZATION TESTING	1	ALLOW	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
74	DISPOSAL OF CONTAMINATED LIQUID	415	GAL	\$8.00	\$3,320.00	\$5.00	\$2,075.00	\$5.00	\$2,075.00	\$10.00	\$4,150.00	\$3.00	\$1,245.00
75	TREATMENT OF CONTAMINATED GROUNDWATER	13	DAY	\$1,000.00	\$13,000.00	\$0.01	\$0.13	\$2,000.00	\$26,000.00	\$2,000.00	\$26,000.00	\$800.00	\$10,400.00
76	DISPUTE REVIEW BOARD	1	ALLOW	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
77	ABUTTER RELOCATION	1	ALLOW	\$10,500.00	\$10,500.00	\$10,500.00	\$10,500.00	\$10,500.00	\$10,500.00	\$10,500.00	\$10,500.00	\$10,500.00	\$10,500.00
TOTAL CONTRACT PRICE					\$18,839,642.79		\$19,475,735.78		\$21,842,599.60		\$23,351,283.00		\$26,625,215.00