

Bid Date: May 11, 2016
 Place: Lowell Purchasing Office
 Time: 11:00 AM

LOWELL, MASSACHUSETTS
Marginal Sewer Relief Pipe and LRTA Drainage Improvements
Contract 2-241/IFB 16-89
Bid Comparison

Bid Item	Description	Bid Quantity	RJV Construction Corp Canton, MA		Albanese Brothers Inc Dracut, MA		P. Gioioso & Sons, Inc. Hyde Park, MA		DeFelice Corp Dracut, MA		I.W. Harding Construction Co. Inc West Bridgewater, MA		Waterline Industries Corp Seabrook, NH	
			Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total
PART A - MARGINAL RELIEF PIPE														
A.1a	24-inch RCP sewer pipe (LF)	525	\$400.00	\$210,000.00	\$250.00	\$131,250.00	\$874.00	\$458,850.00	\$450.00	\$236,250.00	\$140.00	\$73,500.00	\$200.00	\$105,000.00
A.2a	This item not used in Part A	0	-	-	-	-	-	-	-	-	-	-	-	-
A.3a	4-inch thru 8-inch restrained joint Class 52 cement-lined ductile iron water pipe; All Depths (lin. ft.)	80	\$250.00	\$20,000.00	\$200.00	\$16,000.00	\$150.00	\$12,000.00	\$175.00	\$14,000.00	\$600.00	\$48,000.00	\$50.00	\$4,000.00
A.3b	cement lined ductile iron restrained joint fittings, couplings, and caps for 8-inch diameter ductile iron pipe (lbs)	280	\$5.00	\$1,400.00	\$0.01	\$2.80	\$3.00	\$840.00	\$1.00	\$280.00	\$0.01	\$2.80	\$10.00	\$2,800.00
A.4a	4-foot diameter precast concrete sewer manholes (vert. ft.)	25	\$450.00	\$11,250.00	\$350.00	\$8,750.00	\$269.00	\$6,725.00	\$775.00	\$19,375.00	\$600.00	\$15,000.00	\$100.00	\$2,500.00
A.4b	5-foot diameter precast concrete sewer manholes (vert. ft.)	30	\$550.00	\$16,500.00	\$500.00	\$15,000.00	\$298.00	\$8,940.00	\$980.00	\$29,400.00	\$700.00	\$21,000.00	\$330.00	\$9,900.00
A.4c	6-foot diameter precast concrete doghouse sewer manhole (l.s.)	1	-	\$50,000.00	-	\$90,000.00	-	\$24,600.00	-	\$125,000.00	-	\$85,000.00	-	\$50,000.00
A.5	Test pits (cu. Yds)	30	\$75.00	\$2,250.00	\$150.00	\$4,500.00	\$25.00	\$750.00	\$125.00	\$3,750.00	\$300.00	\$9,000.00	\$20.00	\$600.00
A.6a	Rock and Boulder Excavation Fixed Bid (cu. yds.)	375	\$110.00	\$41,250.00	\$110.00	\$41,250.00	\$110.00	\$41,250.00	\$110.00	\$41,250.00	\$110.00	\$41,250.00	\$110.00	\$41,250.00
A.6b	Rock and Boulder Excavation Additional Bid (cu. yds.)	375	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$375.00	\$0.01	\$3.75	\$40.00	\$15,000.00	\$50.00	\$18,750.00
A.7	Earth excavation below normal grade	25	\$0.01	\$0.25	\$100.00	\$2,500.00	\$0.01	\$0.25	\$10.00	\$250.00	\$70.00	\$1,750.00	\$40.00	\$1,000.00
A.8a	Bank-run gravel (cu. yds.)	1670	\$0.01	\$16.70	\$25.00	\$41,750.00	\$0.01	\$16.70	\$16.00	\$26,720.00	\$1.00	\$1,670.00	\$22.00	\$36,740.00
A.8b	Screened gravel (cu. yds.)	25	\$0.01	\$0.25	\$40.00	\$1,000.00	\$25.00	\$625.00	\$50.00	\$1,250.00	\$90.00	\$2,250.00	\$30.00	\$750.00
A.8c	Crushed stone for utility crossings and miscellaneous purposes (cu. yds.)	30	\$0.01	\$0.30	\$22.00	\$660.00	\$25.00	\$750.00	\$25.00	\$750.00	\$90.00	\$2,700.00	\$40.00	\$1,200.00
A.8d	Common fill (cu. yds.)	25	\$0.01	\$0.25	\$38.00	\$950.00	\$0.01	\$0.25	\$32.00	\$800.00	\$1.00	\$25.00	\$21.00	\$525.00
A.8e	Sand for utility crossings and miscellaneous purposes (cu. yds.)	35	\$0.01	\$0.35	\$30.00	\$1,050.00	\$25.00	\$875.00	\$14.00	\$490.00	\$90.00	\$3,150.00	\$21.00	\$735.00
A.9	Dewatering and Drainage (L.S.)	1	-	\$50,000.00	-	\$50,000.00	-	\$7,000.00	-	\$65,000.00	-	\$150,000.00	-	\$190,000.00
A.10a	Miscellaneous Concrete (cu. yds.)	25	\$0.01	\$0.25	\$128.00	\$3,200.00	\$0.01	\$0.25	\$130.00	\$3,250.00	\$500.00	\$12,500.00	\$170.00	\$4,250.00
A.10b	Controlled Density Fill (cu. yds.)	25	\$0.01	\$0.25	\$122.00	\$3,050.00	\$100.00	\$2,500.00	\$100.00	\$2,500.00	\$120.00	\$3,000.00	\$140.00	\$3,500.00
A.11a	temporary trench width bituminous pavement (Binder; 3.5-inch thick) (sq. yds.)	810	\$30.00	\$24,300.00	\$20.00	\$16,200.00	\$30.00	\$24,300.00	\$10.20	\$8,262.00	\$39.00	\$31,590.00	\$25.00	\$20,250.00
A.11b	final trench width bituminous pavement (2-inch Binder; 1.5-inch Top) (sq. yds.)	4620	\$35.00	\$161,700.00	\$25.00	\$115,500.00	\$25.00	\$115,500.00	\$10.20	\$47,124.00	\$21.00	\$97,020.00	\$27.00	\$124,740.00
A.11c	Cold plane (grind) full width pavement on streets (sq. yds.)	6560	\$2.50	\$16,400.00	\$3.00	\$19,680.00	\$3.00	\$19,680.00	\$3.05	\$20,008.00	\$4.00	\$26,240.00	\$5.75	\$37,720.00
A.11d	final full-width 1.5-inch overlay pavement (Top Course 1.5-inch thick) (sq. yds.)	6560	\$12.00	\$78,720.00	\$14.00	\$91,840.00	\$9.00	\$59,040.00	\$7.50	\$49,200.00	\$9.00	\$59,040.00	\$10.50	\$68,880.00
A.12	Industrial street sweeper and operator (hrs.)	20	\$0.01	\$0.20	\$0.01	\$0.20	\$125.00	\$2,500.00	\$145.00	\$2,900.00	\$250.00	\$5,000.00	\$120.00	\$2,400.00
A.13a	Removal and disposal of contaminated soil to an in-state unlined landfill -Fixed Bid (Tons)	470	\$0.01	\$4.70	\$60.00	\$28,200.00	\$55.00	\$25,850.00	\$41.85	\$19,669.50	\$70.00	\$32,900.00	\$72.00	\$33,840.00
A.13b	Removal and disposal of contaminated soil to a lined landfill -Fixed Bid (Tons)	160	\$0.01	\$1.60	\$65.00	\$10,400.00	\$60.00	\$9,600.00	\$49.80	\$7,968.00	\$73.00	\$11,680.00	\$75.00	\$12,000.00
A.13c	Removal and disposal of contaminated soil as RCRA hazardous waste (Tons)	20	\$0.01	\$0.20	\$600.00	\$12,000.00	\$200.00	\$4,000.00	\$420.00	\$8,400.00	\$345.00	\$6,900.00	\$1,150.00	\$23,000.00
A.13d	Removal and disposal of contaminated soil as asbestos-containing waste (Tons)	20	\$0.01	\$0.20	\$200.00	\$4,000.00	\$150.00	\$3,000.00	\$155.00	\$3,100.00	\$174.00	\$3,480.00	\$200.00	\$4,000.00
A.14	Railroad inspection services/flagman (L.S. - fixed)	1	-	\$18,000.00	-	\$18,000.00	-	\$18,000.00	-	\$18,000.00	-	\$18,000.00	-	\$18,000.00
A.15	Pipe jacking under railraod property (L.S.)	1	-	\$650,000.00	-	\$630,000.00	-	\$550,000.00	-	\$600,000.00	-	\$820,000.00	-	\$500,000.00
A.16	Precast Marginal Sewer Relief Control Structure including all interior components and connections (L.S.)	1	-	\$125,000.00	-	\$150,000.00	-	\$85,500.00	-	\$225,000.00	-	\$200,000.00	-	\$1,039,347.00
A.17 - A.21	These items not used in Part A	0	-	-	-	-	-	-	-	-	-	-	-	-
A.22	Miscellaneous Work and Cleanup (L.S.)	1	-	\$80,000.00	-	\$31,000.00	-	\$65,000.00	-	\$75,000.00	-	\$370,000.00	-	\$25,000.00
A.23	Mobilization - No greater than five percent of Total Bid Price excluding this item itself (L.S.)	1	-	\$70,000.00	-	\$60,000.00	-	\$65,000.00	-	\$75,000.00	-	\$90,000.00	-	\$75,000.00
Total Part A:				\$1,626,795.50		\$1,597,733.00		\$1,613,067.45		\$1,729,950.25		\$2,256,647.80		\$2,457,677.00

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Bid Item	Description	Bid Quantity	RJV Construction Corp Canton, MA		Albanese Brothers Inc Dracut, MA		P. Gioioso & Sons, Inc. Hyde Park, MA		DeFelice Corp Dracut, MA		L.W. Harding Construction Co. Inc West Bridgewater, MA		Waterline Industries Corp Seabrook, NH	
			Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total
PART B - LRTA Drainage Improvements														
B.1a	This item not used in Part B	0	-	-	-	-	-	-	-	-	-	-	-	-
B.2a	60-inch Class IV RCP pipe	225	\$560.00	\$126,000.00	\$500.00	\$112,500.00	\$1,150.00	\$258,750.00	\$1,050.00	\$236,250.00	\$290.00	\$65,250.00	\$550.00	\$123,750.00
B.3a - B.3b	These items not used in Part B	0	-	-	-	-	-	-	-	-	-	-	-	-
B.4a - B.4.c	These items not used in Part B	0	-	-	-	-	-	-	-	-	-	-	-	-
B.5	Test pits (cu. Yds)	30	\$75.00	\$2,250.00	\$150.00	\$4,500.00	\$25.00	\$750.00	\$125.00	\$3,750.00	\$300.00	\$9,000.00	\$20.00*	\$600.00
B.6a	Rock and Boulder Excavation Fixed Bid (cu. yds.)	150	\$110.00	\$16,500.00	\$110.00	\$16,500.00	\$110.00	\$16,500.00	\$110.00	\$16,500.00	\$110.00	\$16,500.00	\$110.00	\$16,500.00
B.6b	Rock and Boulder Excavation Additional Bid (cu. yds.)	150	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$150.00	\$0.01	\$1.50	\$40.00	\$6,000.00	\$50.00*	\$7,500.00
B.7	Earth excavation below normal grade	225	\$0.01	\$2.25	\$100.00	\$22,500.00	\$0.01	\$2.25	\$10.00	\$2,250.00	\$70.00	\$15,750.00	\$40.00*	\$9,000.00
B.8a	Bank-run gravel (cu. yds.)	5	\$0.01	\$0.05	\$25.00	\$125.00	\$0.01	\$0.05	\$16.00	\$80.00	\$1.00	\$5.00	\$22.00*	\$110.00
B.8b	Screened gravel (cu. yds.)	5	\$0.01	\$0.05	\$40.00	\$200.00	\$25.00	\$125.00	\$50.00	\$250.00	\$90.00	\$450.00	\$30.00*	\$150.00
B.8c	Crushed stone for utility crossings and miscellaneous purposes (cu. yds.)	5	\$0.01	\$0.05	\$22.00	\$110.00	\$25.00	\$125.00	\$25.00	\$125.00	\$90.00	\$450.00	\$40.00	\$200.00
B.8d	Common fill (cu. yds.)	1025	\$0.01	\$10.25	\$38.00	\$38,950.00	\$0.01	\$10.25	\$32.00	\$32,800.00	\$1.00	\$1,025.00	\$21.00*	\$21,525.00
B.8e	Sand for utility crossings and miscellaneous purposes (cu. yds.)	5	\$0.01	\$0.05	\$30.00	\$150.00	\$25.00	\$125.00	\$14.00	\$70.00	\$90.00	\$450.00	\$21.00*	\$105.00
B.9	Dewatering and Drainage (L.S.)	1	-	\$15,000.00	-	\$30,000.00	-	\$5,000.00	-	\$17,500.00	-	\$1.00	-	\$45,000.00
B.10a	Miscellaneous Concrete (cu. yds.)	5	\$0.01	\$0.05	\$128.00	\$640.00	\$0.01	\$0.05	\$130.00	\$650.00	\$500.00	\$2,500.00	\$170.00*	\$850.00
B.10b	Controlled Density Fill (cu. yds.)	5	\$0.01	\$0.05	\$122.00	\$610.00	\$100.00	\$500.00	\$100.00	\$500.00	\$120.00	\$600.00	\$140.00*	\$700.00
B.11a - B.11b	These items not used in Part B	0	-	-	-	-	-	-	-	-	-	-	-	-
B.11c	Cold plane (grind) full width pavement on streets (sq. yds.)	575	\$2.50*	\$1,437.50	\$3.00	\$1,725.00	\$3.00	\$1,725.00	\$3.05	\$1,753.75	\$4.00	\$2,300.00	\$5.75*	\$3,306.25
B.11d	final full-width 1.5-inch overlay pavement (Top Course 1.5-inch thick) (sq. yds.)	575	\$12.00*	\$6,900.00	\$14.00	\$8,050.00	\$9.00	\$5,175.00	\$7.50	\$4,312.50	\$9.00	\$5,175.00	\$10.50*	\$6,037.50
B.12	Industrial street sweeper and operator (hrs.)	10	\$0.01	\$0.10	\$0.01	\$0.10	\$125.00	\$1,250.00	\$145.00	\$1,450.00	\$250.00	\$2,500.00	\$120.00	\$1,200.00
B.13a - B.13d	These items not used in Part B	0	-	-	-	-	-	-	-	-	-	-	-	-
B.14	This item not used in Part B	0	-	-	-	-	-	-	-	-	-	-	-	-
B.15 - B.16	These items not used in Part B	0	-	-	-	-	-	-	-	-	-	-	-	-
B.17	Heavy Cleaning of 42-inch diameter culvert, including permitting (L.S.)	1	-	\$100,000.00	-	\$125,000.00	-	\$110,000.00	-	\$45,000.00	-	\$50,000.00	-	\$92,400.00
B.18	Complete subsurface boring program to characterize pipe bedding (L.S.)	1	-	\$5,000.00	-	\$1,000.00	-	\$10,000.00	-	\$1.00	-	\$1.00	-	\$25,000.00
B.19	Furnish and Install DMH 4-1, 10-ft diameter, and all work to connect existing piping (L.S.)	1	-	\$50,000.00	-	\$77,000.00	-	\$35,000.00	-	\$80,000.00	-	\$40,000.00	-	\$309,152.00
B.20	Furnish and Install DMH 4-2, 4-ft diameter, and all work to connect existing piping (L.S.)	1	-	\$25,000.00	-	\$25,000.00	-	\$3,500.00	-	\$5,500.00	-	\$30,000.00	-	\$17,500.00
B.21	Furnish and Install DMH 4-3, 8X12 precast concrete junction structure; DMH 4-4, 5-ft diameter, and all work etc (L.S.)	1	-	\$115,000.00	-	\$50,000.00	-	\$50,000.00	-	\$70,000.00	-	\$70,000.00	-	\$150,000.00
B.22	Miscellaneous Work and Cleanup (L.S.)	1	-	\$25,000.00	-	\$10,000.00	-	\$25,000.00	-	\$45,000.00	-	\$240,000.00	-	\$10,000.00
B.23	Mobilization - No greater than five percent of Total Bid Price excluding this item itself (L.S.)	1	-	\$12,000.00	-	\$22,500.00	-	\$20,000.00	-	\$25,000.00	-	\$25,000.00	-	\$30,000.00
Total Part B:				\$500,100.40 *		\$547,060.10		\$543,687.60		\$588,743.75		\$582,957.00		\$870,585.75 *
Total Part A:				\$1,626,795.50		\$1,597,733.00		\$1,613,067.45		\$1,729,950.25		\$2,256,647.80		\$2,457,677.00
Total Parts A&B:				\$2,126,895.90		\$2,144,793.10		\$2,156,755.05		\$2,318,694.00		\$2,839,604.80		\$3,328,262.75

NOTES:
 *Corrected prices in Part B per Section 00300-Bid Form instruction to "Transfer unit bid price from Item A.#" from Part A.