

Bid Tabulation for Sewer System Rehabilitation and Improvements - Contract III & IV

City of Lawrence, Massachusetts

Bid Opening - October 24, 2018

	Bidder	Base Bid	Alternate A 2 Mill Street	Alternate B Miscellaneous Improvements	Total (Base Bid + Alternates)
1	Insituform	\$ 7,584,984.25	\$ 2,487,385.50	\$ 549,702.50	\$ 10,622,072.25
2	Revoli Construction	\$ 9,881,723.25	\$ 2,580,392.19	\$ 854,176.00	\$ 13,316,291.44
3	DeFelice Corporation	\$ 11,087,197.35	\$ 3,661,300.00	\$ 582,351.75	\$ 15,330,849.10
4	Albanese D&S Inc.	\$ 11,836,035.35	\$ 3,075,140.00	\$ 753,137.25	\$ 15,664,312.60
5	Northern Construction	\$ 13,894,390.00	\$ 3,025,475.00	\$ 810,395.00	\$ 17,730,260.00
6	Albanese Brothers Inc.	\$ 14,488,012.60	\$ 3,220,444.60	\$ 1,099,085.75	\$ 18,807,542.95

Bid Tabulation for Sewer System Rehabilitation and Improvements - Contract III & IV

City of Lawrence, Massachusetts

Bid Opening - October 24, 2018

BASE BID				Instituform		Revoli Construction		DeFelice Corporation		Albanese D&S Inc.		Northern Construction		Albanese Brothers Inc.	
Item No.	Description	Unit	Quantity	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price
1	Mobilization and Demobilization	LS	1	\$300,000.00	\$300,000.00	\$450,000.00	\$450,000.00	\$450,000.00	\$450,000.00	\$510,000.00	\$510,000.00	\$690,000.00	\$690,000.00	\$600,000.00	\$600,000.00
2a	Clean and CCTV Inspect 8-inch to 12-inch Pipe	LF	110	\$5.25	\$577.50	\$8.00	\$880.00	\$2.20	\$242.00	\$10.00	\$1,100.00	\$6.00	\$660.00	\$4.00	\$440.00
2b	Clean and CCTV Inspect 15-inch to 24-inch Pipe	LF	500	\$8.50	\$4,250.00	\$10.00	\$5,000.00	\$4.95	\$2,475.00	\$12.00	\$6,000.00	\$9.00	\$4,500.00	\$12.00	\$6,000.00
2c	Clean and CCTV Inspect 27-inch to 48-inch Pipe	LF	875	\$13.00	\$11,375.00	\$15.00	\$13,125.00	\$16.50	\$14,437.50	\$16.00	\$14,000.00	\$15.00	\$13,125.00	\$13.00	\$11,375.00
3a	8-inch Cured-in-Place Pipe (CIPP)	LF	2775	\$34.00	\$94,350.00	\$50.00	\$138,750.00	\$43.00	\$119,325.00	\$50.00	\$138,750.00	\$56.00	\$155,400.00	\$79.00	\$219,225.00
3b	10-inch Cured-in-Place Pipe (CIPP)	LF	10700	\$35.00	\$374,500.00	\$50.00	\$535,000.00	\$44.00	\$470,800.00	\$55.00	\$588,500.00	\$45.00	\$481,500.00	\$81.00	\$866,700.00
3c	12-inch Cured-in-Place Pipe (CIPP)	LF	3200	\$43.00	\$137,600.00	\$60.00	\$192,000.00	\$46.00	\$147,200.00	\$65.00	\$208,000.00	\$65.00	\$208,000.00	\$83.00	\$265,600.00
3d	15-inch Cured-in-Place Pipe (CIPP)	LF	4350	\$61.00	\$265,350.00	\$70.00	\$304,500.00	\$60.00	\$261,000.00	\$70.00	\$304,500.00	\$77.00	\$334,950.00	\$114.00	\$495,900.00
3e	18-inch Cured-in-Place Pipe (CIPP)	LF	1800	\$77.00	\$138,600.00	\$75.00	\$135,000.00	\$72.00	\$129,600.00	\$83.00	\$149,400.00	\$106.00	\$190,800.00	\$127.00	\$228,600.00
3f	20-inch Cured-in-Place Pipe (CIPP)	LF	1900	\$77.00	\$146,300.00	\$85.00	\$161,500.00	\$120.00	\$228,000.00	\$135.00	\$256,500.00	\$110.00	\$209,000.00	\$195.00	\$370,500.00
3g	22-inch Cured-in-Place Pipe (CIPP)	LF	40	\$300.00	\$12,000.00	\$285.00	\$11,400.00	\$150.00	\$6,000.00	\$170.00	\$6,800.00	\$905.00	\$36,200.00	\$281.00	\$11,240.00
3h	24-inch Cured-in-Place Pipe (CIPP)	LF	100	\$220.00	\$22,000.00	\$350.00	\$35,000.00	\$155.00	\$15,500.00	\$175.00	\$17,500.00	\$510.00	\$51,000.00	\$257.00	\$25,700.00
3i	26-inch Cured-in-Place Pipe (CIPP)	LF	130	\$180.00	\$23,400.00	\$250.00	\$32,500.00	\$185.00	\$24,050.00	\$205.00	\$26,650.00	\$635.00	\$82,550.00	\$357.00	\$46,410.00
3j	30-inch Cured-in-Place Pipe (CIPP)	LF	810	\$160.00	\$129,600.00	\$400.00	\$324,000.00	\$280.00	\$226,800.00	\$350.00	\$283,500.00	\$240.00	\$194,400.00	\$600.00	\$486,000.00
3k	31-inch Cured-in-Place Pipe (CIPP)	LF	40	\$400.00	\$16,000.00	\$350.00	\$14,000.00	\$372.00	\$14,880.00	\$320.00	\$12,800.00	\$1,100.00	\$44,000.00	\$480.00	\$19,200.00
3l	36-inch Cured-in-Place Pipe (CIPP)	LF	1050	\$200.00	\$210,000.00	\$300.00	\$315,000.00	\$268.00	\$281,400.00	\$430.00	\$451,500.00	\$265.00	\$278,250.00	\$500.00	\$525,000.00
3m	42-inch Cured-in-Place Pipe (CIPP)	LF	1100	\$235.00	\$258,500.00	\$310.00	\$341,000.00	\$372.00	\$409,200.00	\$620.00	\$682,000.00	\$290.00	\$319,000.00	\$600.00	\$660,000.00
3n	54-inch Cured-in-Place Pipe (CIPP)	LF	1150	\$333.00	\$382,950.00	\$350.00	\$402,500.00	\$445.00	\$511,750.00	\$690.00	\$793,500.00	\$420.00	\$483,000.00	\$700.00	\$805,000.00
3o	16x20-inch Cured-in-Place Pipe (CIPP)	LF	300	\$87.00	\$26,100.00	\$250.00	\$75,000.00	\$105.00	\$31,500.00	\$120.00	\$36,000.00	\$420.00	\$126,000.00	\$200.00	\$60,000.00
3p	17x22-inch Cured-in-Place Pipe (CIPP)	LF	215	\$107.00	\$23,005.00	\$260.00	\$55,900.00	\$112.00	\$24,080.00	\$130.00	\$27,950.00	\$560.00	\$120,400.00	\$300.00	\$64,500.00
3q	20x30-inch Cured-in-Place Pipe (CIPP)	LF	1175	\$145.00	\$170,375.00	\$270.00	\$317,250.00	\$155.00	\$182,125.00	\$180.00	\$211,500.00	\$260.00	\$305,500.00	\$350.00	\$411,250.00
3r	24x30-inch Cured-in-Place Pipe (CIPP)	LF	600	\$125.00	\$75,000.00	\$250.00	\$150,000.00	\$146.00	\$87,600.00	\$170.00	\$102,000.00	\$340.00	\$204,000.00	\$400.00	\$240,000.00
3s	36x60-inch Cured-in-Place Pipe (CIPP)	LF	90	\$500.00	\$45,000.00	\$500.00	\$45,000.00	\$525.00	\$47,250.00	\$480.00	\$43,200.00	\$1,800.00	\$162,000.00	\$800.00	\$72,000.00
4a	8-inch Pre-Liner	LF	160	\$2.00	\$320.00	\$3.00	\$480.00	\$0.01	\$1.60	\$0.01	\$1.60	\$2.50	\$400.00	\$0.01	\$1.60
4b	10-inch Pre-Liner	LF	1025	\$2.00	\$2,050.00	\$4.00	\$4,100.00	\$0.01	\$10.25	\$0.01	\$10.25	\$2.70	\$2,767.50	\$0.01	\$10.25
4c	12-inch Pre-Liner	LF	775	\$2.50	\$1,937.50	\$4.00	\$3,100.00	\$0.01	\$7.75	\$0.01	\$7.75	\$3.00	\$2,325.00	\$0.01	\$7.75
4d	15-inch Pre-Liner	LF	1125	\$2.70	\$3,037.50	\$5.00	\$5,625.00	\$0.01	\$11.25	\$0.01	\$11.25	\$3.30	\$3,712.50	\$0.01	\$11.25
4e	30-inch Pre-Liner	LF	450	\$5.00	\$2,250.00	\$8.00	\$3,600.00	\$0.01	\$4.50	\$0.01	\$4.50	\$5.50	\$2,475.00	\$0.01	\$4.50
5	Cut Protruding Service Connection	EA	133	\$380.00	\$50,540.00	\$350.00	\$46,550.00	\$250.00	\$33,250.00	\$450.00	\$59,850.00	\$405.00	\$53,865.00	\$800.00	\$106,400.00
6a	Testing of Mainline Joints 8-inch to 12-inch Pipe	EA	400	\$37.00	\$14,800.00	\$25.00	\$10,000.00	\$36.00	\$14,400.00	\$45.00	\$18,000.00	\$40.00	\$16,000.00	\$500.00	\$200,000.00
6b	Testing of Mainline Joints 15-inch to 24-inch Pipe	EA	400	\$53.00	\$21,200.00	\$25.00	\$10,000.00	\$45.00	\$18,000.00	\$63.00	\$25,200.00	\$56.00	\$22,400.00	\$500.00	\$200,000.00
7a	Sealing of Mainline Joints 8-inch to 12-inch Pipe	EA	400	\$19.00	\$7,600.00	\$30.00	\$12,000.00	\$10.00	\$4,000.00	\$23.00	\$9,200.00	\$22.00	\$8,800.00	\$500.00	\$200,000.00
7b	Sealing of Mainline Joints 15-inch to 24-inch Pipe	EA	400	\$38.00	\$15,200.00	\$40.00	\$16,000.00	\$18.00	\$7,200.00	\$46.00	\$18,400.00	\$40.00	\$16,000.00	\$500.00	\$200,000.00
8	Grout Service Connection	EA	100	\$420.00	\$42,000.00	\$100.00	\$10,000.00	\$350.00	\$35,000.00	\$500.00	\$50,000.00	\$440.00	\$44,000.00	\$734.00	\$73,400.00
9	Additional Grout Pumped	GAL	175	\$16.00	\$2,800.00	\$50.00	\$8,750.00	\$9.50	\$1,662.50	\$20.00	\$3,500.00	\$17.00	\$2,975.00	\$35.00	\$6,125.00
10a	8-inch Gravity Sewer	LF	1275	\$211.00	\$269,025.00	\$150.00	\$191,250.00	\$260.00	\$331,500.00	\$300.00	\$382,500.00	\$450.00	\$573,750.00	\$200.00	\$255,000.00
10b	10-inch Gravity Sewer	LF	325	\$238.00	\$77,350.00	\$160.00	\$52,000.00	\$510.00	\$165,750.00						

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Item No.	Description	Unit	Quantity	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price
19	26-Inch Standard Manhole Frames and Covers	EA	83	\$900.00	\$74,700.00	\$750.00	\$62,250.00	\$625.00	\$51,875.00	\$2,500.00	\$207,500.00	\$1,650.00	\$136,950.00	\$1,800.00	\$149,400.00
20	Raise Manhole to Grade	EA	10	\$310.00	\$3,100.00	\$275.00	\$2,750.00	\$5,000.00	\$50,000.00	\$600.00	\$6,000.00	\$400.00	\$4,000.00	\$350.00	\$3,500.00
21	Precast Concrete Catch Basin Complete with Frame and Grate	EA	14	\$5,800.00	\$81,200.00	\$9,500.00	\$133,000.00	\$10,000.00	\$140,000.00	\$10,000.00	\$140,000.00	\$6,200.00	\$86,800.00	\$8,000.00	\$112,000.00
22	Provide Catch Basin Protection	EA	82	\$210.00	\$17,220.00	\$50.00	\$4,100.00	\$60.00	\$4,920.00	\$60.00	\$4,920.00	\$270.00	\$22,140.00	\$80.00	\$6,560.00
23a	Furnish and Install 1-inch Corporation Stop	EA	10	\$0.01	\$0.10	\$2,250.00	\$22,500.00	\$2,900.00	\$29,000.00	\$60.00	\$600.00	\$625.00	\$6,250.00	\$1,000.00	\$10,000.00
23b	Furnish and Install 2-inch Corporation Stop	EA	10	\$0.01	\$0.10	\$2,750.00	\$27,500.00	\$5,450.00	\$54,500.00	\$600.00	\$6,000.00	\$625.00	\$6,250.00	\$2,000.00	\$20,000.00
23c	Furnish and Install 1-inch Curb Stop and Box	EA	10	\$0.01	\$0.10	\$200.00	\$2,000.00	\$3,000.00	\$30,000.00	\$200.00	\$2,000.00	\$580.00	\$5,800.00	\$500.00	\$5,000.00
23d	Furnish and Install 2-inch Curb Stop and Box	EA	10	\$0.01	\$0.10	\$600.00	\$6,000.00	\$4,000.00	\$40,000.00	\$600.00	\$6,000.00	\$760.00	\$7,600.00	\$1,000.00	\$10,000.00
24a	Furnish and Install 1-inch Type K Copper Tubing	LF	100	\$0.01	\$1.00	\$100.00	\$10,000.00	\$4.50	\$450.00	\$20.00	\$2,000.00	\$95.00	\$9,500.00	\$100.00	\$10,000.00
24b	Furnish and Install 2-inch Type K Copper Tubing	LF	100	\$0.01	\$1.00	\$120.00	\$12,000.00	\$12.50	\$1,250.00	\$30.00	\$3,000.00	\$110.00	\$11,000.00	\$200.00	\$20,000.00
25a	Furnish and Install 6-inch Gate Valve and Box	EA	1	\$1,050.00	\$1,050.00	\$1,500.00	\$1,500.00	\$12,500.00	\$12,500.00	\$4,500.00	\$4,500.00	\$2,400.00	\$2,400.00	\$1,231.00	\$1,231.00
25b	Furnish and Install 10-inch Gate Valve and Box	EA	1	\$1,320.00	\$1,320.00	\$3,250.00	\$3,250.00	\$13,500.00	\$13,500.00	\$5,000.00	\$5,000.00	\$3,600.00	\$3,600.00	\$2,411.00	\$2,411.00
25c	Furnish and Install 12-inch Gate Valve and Box	EA	1	\$2,800.00	\$2,800.00	\$4,750.00	\$4,750.00	\$14,950.00	\$14,950.00	\$6,000.00	\$6,000.00	\$4,100.00	\$4,100.00	\$2,911.00	\$2,911.00
26a	Furnish and Install 6-inch Cement Lined Ductile Iron Pipe	LF	40	\$120.00	\$4,800.00	\$125.00	\$5,000.00	\$300.00	\$12,000.00	\$300.00	\$12,000.00	\$245.00	\$9,800.00	\$500.00	\$20,000.00
26b	Furnish and Install 8-inch Cement Lined Ductile Iron Pipe	LF	25	\$196.00	\$4,900.00	\$128.00	\$3,200.00	\$500.00	\$12,500.00	\$300.00	\$7,500.00	\$210.00	\$5,250.00	\$800.00	\$20,000.00
26c	Furnish and Install 10-inch Cement Lined Ductile Iron Pipe	LF	45	\$210.00	\$9,450.00	\$150.00	\$6,750.00	\$525.00	\$23,625.00	\$375.00	\$16,875.00	\$240.00	\$10,800.00	\$500.00	\$22,500.00
26d	Furnish and Install 12-inch Cement Lined Ductile Iron Pipe	LF	110	\$238.00	\$26,180.00	\$200.00	\$22,000.00	\$500.00	\$55,000.00	\$375.00	\$41,250.00	\$220.00	\$24,200.00	\$600.00	\$66,000.00
27	Furnish and Install Cement Lined Ductile Iron Fittings	LB	125	\$0.01	\$1.25	\$40.00	\$5,000.00	\$100.00	\$12,500.00	\$50.00	\$6,250.00	\$9.00	\$1,125.00	\$0.01	\$1.25
28	Disinfection, Pressure and Bacteria Testing of Water Mains	LS	1	\$16,000.00	\$16,000.00	\$500.00	\$500.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$16,500.00	\$16,500.00	\$20,000.00	\$20,000.00
29a	2-Inch Temporary Trench Pavement	SY	1500	\$21.00	\$31,500.00	\$9.00	\$13,500.00	\$30.00	\$45,000.00	\$16.00	\$24,000.00	\$80.00	\$120,000.00	\$80.00	\$120,000.00
29b	5-Inch Temporary Trench Pavement	SY	5300	\$38.00	\$201,400.00	\$15.00	\$79,500.00	\$42.00	\$222,600.00	\$50.00	\$265,000.00	\$110.00	\$583,000.00	\$85.00	\$450,500.00
29c	Binder Leveling Course	SY	670	\$13.00	\$8,710.00	\$0.01	\$6.70	\$10.00	\$6,700.00	\$8.00	\$5,360.00	\$35.00	\$23,450.00	\$25.00	\$16,750.00
30a	Permanent Trench Pavement	SY	2250	\$47.00	\$105,750.00	\$15.00	\$33,750.00	\$20.00	\$45,000.00	\$50.00	\$112,500.00	\$70.00	\$157,500.00	\$100.00	\$225,000.00
30b	Full Width Mill and Overly	SY	19600	\$19.00	\$372,400.00	\$25.00	\$490,000.00	\$13.50	\$264,600.00	\$20.00	\$392,000.00	\$50.00	\$980,000.00	\$30.00	\$588,000.00
31	Furnish and Install Temporary Trench Pavement in MassDOT Roadway	SY	150	\$48.00	\$7,200.00	\$90.00	\$13,500.00	\$75.00	\$11,250.00	\$70.00	\$10,500.00	\$85.00	\$12,750.00	\$149.00	\$22,350.00
32	Furnish and Install Permanent Trench Pavement in MassDOT Roadway	SY	2600	\$48.00	\$124,800.00	\$120.00	\$312,000.00	\$20.00	\$52,000.00	\$70.00	\$182,000.00	\$95.00	\$247,000.00	\$98.00	\$254,800.00
33	Additional Bituminous Pavement	TON	20	\$105.00	\$2,100.00	\$0.01	\$0.20	\$150.00	\$3,000.00	\$140.00	\$2,800.00	\$295.00	\$5,900.00	\$179.00	\$3,580.00
34	Bituminous Curbing	LF	75	\$21.00	\$1,575.00	\$10.00	\$750.00	\$5.00	\$375.00	\$25.00	\$1,875.00	\$7.00	\$525.00	\$61.00	\$4,575.00
35	Remove and Reset Vertical Granite Curb	LF	150	\$69.00	\$10,350.00	\$35.00	\$5,250.00	\$25.00	\$3,750.00	\$50.00	\$7,500.00	\$75.00	\$11,250.00	\$200.00	\$30,000.00
36	Concrete Sidewalk	SY	150	\$106.00	\$15,900.00	\$80.00	\$12,000.00	\$80.00	\$12,000.00	\$120.00	\$18,000.00	\$60.00	\$9,000.00	\$200.00	\$30,000.00
37	Miscellaneous Concrete	CY	20	\$158.00	\$3,160.00	\$0.01	\$0.20	\$200.00	\$4,000.00	\$150.00	\$3,000.00	\$1,200.00	\$24,000.00	\$262.00	\$5,240.00
38	Crosswalk Striping	EA	19	\$900.00	\$17,100.00	\$100.00	\$1,900.00	\$3,200.00	\$60,800.00	\$300.00	\$5,700.00	\$1,500.00	\$28,500.00	\$437.00	\$8,303.00
39	Test Pits	CY	60	\$265.00	\$15,900.00	\$100.00	\$6,000.00	\$260.00	\$15,600.00	\$200.00	\$12,000.00	\$135.00	\$8,100.00	\$100.00	\$6,000.00
40	Pipe Bursting	LS	1	\$160,000.00	\$160,000.00	\$150,000.00	\$150,000.00	\$275,000.00	\$275,000.00	\$520,000.00	\$520,000.00	\$250,000.00	\$250,000.00	\$490,000.00	\$490,000.00
41	Excavation and Backfill Above Normal Grade	CY	150	\$0.01	\$1.50	\$0.01	\$1.50	\$1.00	\$150.00	\$35.00	\$5,250.00	\$85.00	\$12,750.00	\$40.00	\$6,000.00
42	Excavation and Backfill Below Normal Grade	CY	300	\$0.01	\$3.00	\$0.01	\$3.00	\$1.00	\$300.00	\$45.00	\$13,500.00	\$85.00	\$25,500.00	\$60.00	\$18,000.00
43	Special Pipe Bedding	LF	60	\$0.01	\$0.60	\$0.01	\$0.60	\$1.00	\$60.00	\$30.00	\$1,800.00	\$22.00	\$1,320.00	\$100.00	\$6,000.00
44	Disposal of Cobblestones</														

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BID ALTERNATE A				InSituform		Revoli Construction		DeFelice Corporation		Albanese D&S Inc.		Northern Construction		Albanese Brothers Inc.	
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A-1	Mobilization/Demobilization (Not to Exceed 5% of Base Bid)	LS	1	\$108,000.00	\$108,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$100,000.00	\$100,000.00	\$30,000.00	\$30,000.00	\$100,000.00	\$100,000.00
A-2a	8" Gravity Sewer	LF	120	\$211.00	\$25,320.00	\$180.00	\$21,600.00	\$308.00	\$36,960.00	\$230.00	\$27,600.00	\$440.00	\$52,800.00	\$245.00	\$29,400.00
A-2b	12" Gravity Sewer	LF	80	\$238.00	\$19,040.00	\$200.00	\$16,000.00	\$335.00	\$26,800.00	\$230.00	\$18,400.00	\$680.00	\$54,400.00	\$177.00	\$14,160.00
A-2c	15" Gravity Sewer	LF	200	\$275.00	\$55,000.00	\$215.00	\$43,000.00	\$325.00	\$65,000.00	\$230.00	\$46,000.00	\$420.00	\$84,000.00	\$192.00	\$38,400.00
A-2d	24" Gravity Sewer	LF	720	\$440.00	\$316,800.00	\$700.00	\$504,000.00	\$540.00	\$388,800.00	\$500.00	\$360,000.00	\$620.00	\$446,400.00	\$460.00	\$331,200.00
A-2e	30" Gravity Sewer	LF	760	\$450.00	\$342,000.00	\$750.00	\$570,000.00	\$1,060.00	\$805,600.00	\$520.00	\$395,200.00	\$600.00	\$456,000.00	\$519.00	\$394,440.00
A-3a	6" PVC Sewer Service Lateral	LF	35	\$106.00	\$3,710.00	\$100.00	\$3,500.00	\$275.00	\$9,625.00	\$180.00	\$6,300.00	\$280.00	\$9,800.00	\$314.00	\$10,990.00
A-3b	8" PVC Sewer Service Lateral	LF	100	\$132.00	\$13,200.00	\$125.00	\$12,500.00	\$275.00	\$27,500.00	\$180.00	\$18,000.00	\$250.00	\$25,000.00	\$236.00	\$23,600.00
A-3c	12" PVC Sewer Service Lateral	LF	40	\$158.00	\$6,320.00	\$150.00	\$6,000.00	\$450.00	\$18,000.00	\$185.00	\$7,400.00	\$280.00	\$11,200.00	\$328.19	\$13,127.60
A-3d	Precast Concrete Gravity Sewer Service Chimneys	VF	35	\$317.00	\$11,095.00	\$100.00	\$3,500.00	\$25.00	\$875.00	\$150.00	\$5,250.00	\$290.00	\$10,150.00	\$782.00	\$27,370.00
A-4a	4-foot Diameter Precast Concrete Sewer Manhole Base Section	EA	4	\$4,300.00	\$17,200.00	\$6,500.00	\$26,000.00	\$12,500.00	\$50,000.00	\$1,850.00	\$7,400.00	\$4,600.00	\$18,400.00	\$6,000.00	\$24,000.00
A-4b	4-foot Diameter Precast Concrete Sewer Manhole Extended Base Section	EA	1	\$4,800.00	\$4,800.00	\$6,750.00	\$6,750.00	\$12,500.00	\$12,500.00	\$2,000.00	\$2,000.00	\$4,900.00	\$4,900.00	\$6,500.00	\$6,500.00
A-4c	5-foot Diameter Precast Concrete Sewer Manhole Base Section	EA	6	\$5,300.00	\$31,800.00	\$7,000.00	\$42,000.00	\$14,500.00	\$87,000.00	\$3,850.00	\$23,100.00	\$5,100.00	\$30,600.00	\$8,000.00	\$48,000.00
A-4d	5-foot Diameter Precast Concrete Sewer Manhole Extended Base Section	EA	1	\$5,900.00	\$5,900.00	\$7,300.00	\$7,300.00	\$14,500.00	\$14,500.00	\$4,000.00	\$4,000.00	\$5,200.00	\$5,200.00	\$8,500.00	\$8,500.00
A-4e	6-foot Diameter Precast Concrete Sewer Manhole Base Section	EA	4	\$6,400.00	\$25,600.00	\$7,500.00	\$30,000.00	\$18,500.00	\$74,000.00	\$7,650.00	\$30,600.00	\$5,400.00	\$21,600.00	\$10,200.00	\$40,800.00
A-4f	6-foot Diameter Precast Concrete Sewer Manhole Extended Base Section	EA	1	\$6,900.00	\$6,900.00	\$7,800.00	\$7,800.00	\$18,500.00	\$18,500.00	\$8,100.00	\$8,100.00	\$6,200.00	\$6,200.00	\$10,500.00	\$10,500.00
A-4g	4-foot Diameter Precast Concrete Sewer Manhole Riser Section	VF	30	\$265.00	\$7,950.00	\$100.00	\$3,000.00	\$60.00	\$1,800.00	\$440.00	\$13,200.00	\$230.00	\$6,900.00	\$150.00	\$4,500.00
A-4h	5-foot Diameter Precast Concrete Sewer Manhole Riser Section	VF	65	\$317.00	\$20,605.00	\$125.00	\$8,125.00	\$110.00	\$7,150.00	\$500.00	\$32,500.00	\$300.00	\$19,500.00	\$240.00	\$15,600.00
A-4i	6-foot Diameter Precast Concrete Sewer Manhole Riser Section	VF	50	\$423.00	\$21,150.00	\$500.00	\$25,000.00	\$175.00	\$8,750.00	\$700.00	\$35,000.00	\$370.00	\$18,500.00	\$315.00	\$15,750.00
A-5	26-Inch Standard Sewer/Drain Manhole Frames and Covers	EA	14	\$900.00	\$12,600.00	\$750.00	\$10,500.00	\$700.00	\$9,800.00	\$2,500.00	\$35,000.00	\$1,200.00	\$16,800.00	\$1,800.00	\$25,200.00
A-6	2 Mill Street Parking Lot Manhole Rehabilitation	LS	1	\$370,000.00	\$370,000.00	\$235,000.00	\$235,000.00	\$750,000.00	\$750,000.00	\$737,500.00	\$737,500.00	\$250,000.00	\$250,000.00	\$640,554.00	\$640,554.00
A-7	12-inch Storm Drain Pipe	LF	900	\$100.00	\$90,000.00	\$150.00	\$135,000.00	\$246.95	\$222,255.00	\$170.00	\$153,000.00	\$210.00	\$189,000.00	\$158.00	\$142,200.00
A-8a	4-Foot Diameter Drain Manhole Complete with Frame and Cover	EA	4	\$4,225.00	\$16,900.00	\$6,500.00	\$26,000.00	\$7,250.00	\$29,000.00	\$2,600.00	\$10,400.00	\$4,900.00	\$19,600.00	\$6,000.00	\$24,000.00
A-8b	4-Foot Diameter Drain Manhole Complete with Frame and Cover Extended Base	EA	1	\$5,825.00	\$5,825.00	\$6,750.00	\$6,750.00	\$7,250.00	\$7,250.00	\$2,750.00	\$2,750.00	\$5,100.00	\$5,100.00	\$6,500.00	\$6,500.00
A-8c	4-Foot Diameter Precast Concrete Drain Manhole Riser Section	VF	20	\$265.00	\$5,300.00	\$125.00	\$2,500.00	\$62.00	\$1,240.00	\$440.00	\$8,800.00	\$230.00	\$4,600.00	\$150.00	\$3,000.00
A-9	Precast Concrete Catch Basin Complete with Frame and Grate	EA	2	\$5,800.00	\$11,600.00	\$9,875.00	\$19,750.00	\$8,500.00	\$17,000.00	\$4,000.00	\$8,000.00	\$6,000.00	\$12,000.00	\$7,500.00	\$15,000.00
A-10	Abandon Existing Drain Structure	EA	9	\$1,050.00	\$9,450.00	\$0.01	\$0.09	\$2,300.00	\$20,700.00	\$400.00	\$3,600.00	\$700.00	\$6,300.00	\$6,362.00	\$57,258.00
A-11a	Evacuation and Backfill Above Normal Grade	CY	150	\$0.01	\$1.50	\$0.01	\$1.50	\$1.00	\$150.00	\$35.00	\$5,250.00	\$85.00	\$12,750.00	\$38.00	\$5,700.00
A-11b	Evacuation and Backfill Below Normal Grade	CY	300	\$0.01	\$3.00	\$0.01	\$3.00	\$1.00	\$300.00	\$45.00	\$13,500.00	\$85.00	\$25,500.00	\$63.00	\$18,900.00
A-12	Special Pipe Bedding	LF	550	\$0.01	\$5.50	\$0.01	\$5.50	\$1.00	\$550.00	\$30.00	\$16,500.00	\$22.00	\$12,100.00	\$74.00	\$40,700.00
A-13	Disposal of Cobblestones	CY	250	\$0.01	\$2.50	\$30.00	\$7,500.00	\$12.00	\$3,000.00	\$45.00	\$11,250.00	\$12.00	\$3,000.00	\$69.00	\$17,250.00
A-14	Rock and Boulder Excavation	CY	50	\$265.00	\$13,250.00	\$150.00	\$7,500.00	\$75.00	\$3,750.00	\$100.00	\$5,000.00	\$240.00	\$12,000.00	\$100.00	\$5,000.00
A-15a	5-inch Temporary Trench Pavement	SY	1600	\$38.00	\$60,800.00	\$55.00	\$88,000.00	\$40.00	\$64,000.00	\$55.00	\$88,000.00	\$90.00	\$144,000.00	\$66.00	\$105,600.00
A-15b	Binder Leveling Course	SY	160	\$12.75	\$2,040.00	\$0.01	\$1.60	\$10.00	\$1,600.00	\$8.00	\$1,280.00	\$30.00	\$4,800.00	\$25.00	\$4,000.00
A-15c	Full Width Mill & Overlay	SY	8200	\$19.00	\$155,800.00	\$25.00	\$205,000.00	\$18.00	\$147,600.00	\$20.00	\$164,000.00	\$25.00	\$205,000.00	\$31.00	\$254,200.00
A-16	Additional Bituminous Pavement	TON	500	\$106.00	\$53,000.00	\$0.01	\$5.00	\$200.00	\$100,000.00	\$0.01	\$5.00	\$280.00	\$140,000.00	\$179.00	\$89,500.00
A-17	Remove														

Bid Tabulation for Sewer System Rehabilitation and Improvements - Contract III & IV

City of Lawrence, Massachusetts

Bid Opening - October 24, 2018

BID ALTERNATE B				Insituform		Revoli Construction		DeFelice Corporation		Albanese D&S Inc.		Northern Construction		Albanese Brothers Inc.		
Item No.	Description	Unit	Quantity	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	Unit Bid Price	Total Bid Item Price	
B-1	Mobilization and Demobilization (Not to Exceed 5% of Base Bid)	LS	1	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$32,000.00	\$32,000.00	\$35,000.00	\$35,000.00	\$50,000.00	\$50,000.00	
B-2a	10-Inch Cured-In-Place Pipe (CIPP)	LF	2770	\$34.00	\$94,180.00	\$50.00	\$138,500.00	\$44.00	\$121,880.00	\$55.00	\$152,350.00	\$60.00	\$166,200.00	\$70.00	\$193,900.00	
B-2b	12-Inch Cured-In-Place Pipe (CIPP)	LF	1425	\$39.00	\$55,575.00	\$60.00	\$85,500.00	\$46.00	\$65,550.00	\$65.00	\$92,625.00	\$70.00	\$99,750.00	\$75.00	\$106,875.00	
B-2c	30-Inch Cured-In-Place Pipe (CIPP)	LF	400	\$142.00	\$56,800.00	\$400.00	\$160,000.00	\$171.00	\$68,400.00	\$235.00	\$94,000.00	\$280.00	\$112,000.00	\$340.00	\$136,000.00	
B-2d	36-Inch Cured-In-Place Pipe (CIPP)	LF	560	\$190.00	\$106,400.00	\$450.00	\$252,000.00	\$196.00	\$109,760.00	\$240.00	\$134,400.00	\$300.00	\$168,000.00	\$320.00	\$179,200.00	
B-3a	8-Inch Pre-Liner	LF	275	\$2.00	\$550.00	\$3.00	\$825.00	\$0.01	\$2.75	\$0.01	\$2.75	\$2.40	\$660.00	\$0.01	\$2.75	
B-3b	10-Inch Pre-Liner	LF	625	\$2.00	\$1,250.00	\$4.00	\$2,500.00	\$0.01	\$6.25	\$0.01	\$6.25	\$2.60	\$1,625.00	\$0.01	\$6.25	
B-3c	12-Inch Pre-Liner	LF	175	\$2.50	\$437.50	\$4.00	\$700.00	\$0.01	\$1.75	\$0.01	\$1.75	\$2.80	\$490.00	\$0.01	\$1.75	
B-4	Cut Protruding Service Connection	EA	43	\$380.00	\$16,340.00	\$350.00	\$15,050.00	\$262.00	\$11,266.00	\$450.00	\$19,350.00	\$380.00	\$16,340.00	\$700.00	\$30,100.00	
B-5	Additional Grout Pumped	GAL	25	\$16.00	\$400.00	\$50.00	\$1,250.00	\$10.00	\$250.00	\$20.00	\$500.00	\$16.00	\$400.00	\$30.00	\$750.00	
B-6	Curtain Grouting of Manhole	GAL	20	\$132.00	\$2,640.00	\$75.00	\$1,500.00	\$40.00	\$800.00	\$160.00	\$3,200.00	\$130.00	\$2,600.00	\$100.00	\$2,000.00	
B-7	Heavy Cleaning on Manhole	VF	130	\$26.00	\$3,380.00	\$60.00	\$7,800.00	\$26.00	\$3,380.00	\$33.00	\$4,290.00	\$26.00	\$3,380.00	\$100.00	\$13,000.00	
B-8a	Cementitious Coating of Manhole	VF	170	\$185.00	\$31,450.00	\$200.00	\$34,000.00	\$157.50	\$26,775.00	\$230.00	\$39,100.00	\$180.00	\$30,600.00	\$250.00	\$42,500.00	
B-8b	Epoxy Coating of Manhole	VF	120	\$395.00	\$47,400.00	\$250.00	\$30,000.00	\$325.50	\$39,060.00	\$490.00	\$58,800.00	\$400.00	\$48,000.00	\$600.00	\$72,000.00	
B-9	Rebuild Bench and Invert	EA	17	\$900.00	\$15,300.00	\$1,500.00	\$25,500.00	\$1,260.00	\$21,420.00	\$1,000.00	\$17,000.00	\$850.00	\$14,450.00	\$2,500.00	\$42,500.00	
B-10	26-Inch Standard Manhole Frames and Covers	EA	8	\$900.00	\$7,200.00	\$950.00	\$7,600.00	\$700.00	\$5,600.00	\$2,500.00	\$20,000.00	\$900.00	\$7,200.00	\$2,000.00	\$16,000.00	
B-11a	2-Inch Temporary Trench Pavement	SY	1050	\$21.00	\$22,050.00	\$9.00	\$9,450.00	\$30.00	\$31,500.00	\$0.01	\$10.50	\$30.00	\$31,500.00	\$50.00	\$52,500.00	
B-11b	Binder Leveling Course	SY	100	\$13.00	\$1,300.00	\$0.01	\$1.00	\$30.00	\$3,000.00	\$0.01	\$1.00	\$30.00	\$3,000.00	\$25.00	\$2,500.00	
B-12	Permanent Trench Pavement	SY	50	\$48.00	\$2,400.00	\$40.00	\$2,000.00	\$42.00	\$2,100.00	\$50.00	\$2,500.00	\$120.00	\$6,000.00	\$85.00	\$4,250.00	
B-13	Test Pits	CY	10	\$265.00	\$2,650.00	\$100.00	\$1,000.00	\$260.00	\$2,600.00	\$200.00	\$2,000.00	\$120.00	\$1,200.00	\$600.00	\$6,000.00	
B-14	Lexington Street Open Cut and Sliplining	LS	1	\$33,000.00	\$33,000.00	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00	\$57,000.00	\$57,000.00	\$38,000.00	\$38,000.00	\$125,000.00	\$125,000.00	
B-15	Owner's Contingency Allowance for Manhole Rehab	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
B-16	Owner's Contingency Allowance for Heavy Cleaning	NTE	1	\$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	\$15,000.00	\$15,000.00	\$15,000.00
B-17	Owner's Contingency Allowance for Materials Escalation Price Adjustment (Statutory)	NTE	1	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
		Total			\$549,702.50		\$854,176.00		\$582,351.75		\$753,137.25		\$810,395.00		\$1,099,085.75	
		Total (Base Bid+Alternates)			\$10,622,072.25		\$13,316,291.44		\$15,330,849.10		\$15,664,312.60		\$17,730,260.00		\$18,807,542.95	