

Town of Dedham
 Engineering Department
 55 River Street
 Dedham, MA

**Bid Comparison
 2018 Sewer On-Call Services
 Dedham, Massachusetts
 December 21, 2017**

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION	Engineer's Estimate		Rapid Flow, Inc.		National Water Main		Diversified Infrastructure Services		Municipal Sales, Inc.	
				UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1			<i>Hourly Rate for Emergency Cleaning</i>										
1a	20	wo	Emergency Cleaning of Sewers	\$ 800.00	\$ 16,000.00	\$ 500.00	\$ 10,000.00	\$ 1,200.00	\$ 24,000.00	nb	No Bid	nb	No Bid
1b	20	hr	Emergency Cleaning of Sewers	\$ 275.00	\$ 5,500.00	\$ 100.00	\$ 2,000.00	\$ 175.00	\$ 3,500.00	nb	No Bid	nb	No Bid
1c	30	tn	Storage, Testing, and Disposal of Sewer Debris	\$ 1.00	\$ 30.00	\$ 0.01	\$ 0.30	\$ 0.01	\$ 0.30	nb	No Bid	nb	No Bid
			Total Contract #1		\$ 21,530.00		\$ 12,000.30		\$ 27,500.30		No Bid		No Bid
2			<i>Hourly Rate for Cleaning & Inspection</i>										
2a	30	wo	Cleaning & Inspection of Sewers	\$ 3,200.00	\$ 96,000.00	\$ 2,600.00	\$ 78,000.00	\$ 2,600.00	\$ 78,000.00	nb	No Bid	nb	No Bid
2b	40	hr	Cleaning & Inspection of Sewers	\$ 50.00	\$ 2,000.00	\$ 100.00	\$ 4,000.00	\$ 0.01	\$ 0.40	nb	No Bid	nb	No Bid
2c	30	tn	Storage, Testing, and Disposal of Sewer Debris	\$ 1.00	\$ 30.00	\$ 0.01	\$ 0.30	\$ 120.00	\$ 3,600.00	nb	No Bid	nb	No Bid
			Total Contract #2		\$ 98,030.00		\$ 82,000.30		\$ 81,600.40		No Bid		No Bid
3			<i>Heavy Cleaning of Sewers</i>										
3a	600	lf	Heavy Cleaning of 6-inch sewers	\$ 1.50	\$ 900.00	\$ 0.50	\$ 300.00	\$ 0.01	\$ 6.00	\$ 2.50	\$ 1,500.00	nb	No Bid
3b	7000	lf	Heavy Cleaning of 8-inch sewers	\$ 1.00	\$ 7,000.00	\$ 0.50	\$ 3,500.00	\$ 0.75	\$ 5,250.00	\$ 2.50	\$ 17,500.00	nb	No Bid
3c	1000	lf	Heavy Cleaning of 10-inch sewers	\$ 1.50	\$ 1,500.00	\$ 0.50	\$ 500.00	\$ 0.25	\$ 250.00	\$ 3.00	\$ 3,000.00	nb	No Bid
3d	4000	lf	Heavy Cleaning of 12-inch sewers	\$ 1.50	\$ 6,000.00	\$ 1.00	\$ 4,000.00	\$ 0.25	\$ 1,000.00	\$ 3.50	\$ 14,000.00	nb	No Bid
3e	1000	lf	Heavy Cleaning of 15-inch sewers	\$ 3.00	\$ 3,000.00	\$ 2.00	\$ 2,000.00	\$ 5.25	\$ 5,250.00	\$ 6.00	\$ 6,000.00	nb	No Bid
3f	500	lf	Heavy Cleaning of 18-inch sewers	\$ 3.00	\$ 1,500.00	\$ 2.00	\$ 1,000.00	\$ 0.75	\$ 375.00	\$ 10.00	\$ 5,000.00	nb	No Bid
3g	250	lf	Heavy Cleaning of 20-inch sewers	\$ 3.00	\$ 750.00	\$ 4.00	\$ 1,000.00	\$ 0.75	\$ 187.50	\$ 15.00	\$ 3,750.00	nb	No Bid
3h	250	lf	Heavy Cleaning of 21-inch sewers	\$ 3.00	\$ 750.00	\$ 4.00	\$ 1,000.00	\$ 5.25	\$ 1,312.50	\$ 15.00	\$ 3,750.00	nb	No Bid
3i	250	lf	Heavy Cleaning of 22-inch sewers	\$ 3.00	\$ 750.00	\$ 4.00	\$ 1,000.00	\$ 0.75	\$ 187.50	\$ 15.00	\$ 3,750.00	nb	No Bid
3j	500	lf	Heavy Cleaning of 24-inch sewers	\$ 3.00	\$ 1,500.00	\$ 4.00	\$ 2,000.00	\$ 5.25	\$ 2,625.00	\$ 18.50	\$ 9,250.00	nb	No Bid
4			<i>Inspection of Sewers</i>										
4a	1600	lf	Inspection of 6-inch sewers	\$ 1.60	\$ 2,560.00	\$ 0.75	\$ 1,200.00	\$ 1.20	\$ 1,920.00	\$ 1.75	\$ 2,800.00	nb	No Bid
4b	80000	lf	Inspection of 8-inch sewers	\$ 1.60	\$ 128,000.00	\$ 0.75	\$ 60,000.00	\$ 1.00	\$ 80,000.00	\$ 1.50	\$ 120,000.00	nb	No Bid
4c	4000	lf	Inspection of 10-inch sewers	\$ 1.60	\$ 6,400.00	\$ 0.75	\$ 3,000.00	\$ 1.00	\$ 4,000.00	\$ 1.50	\$ 6,000.00	nb	No Bid
4d	13000	lf	Inspection of 12-inch sewers	\$ 1.60	\$ 20,800.00	\$ 0.75	\$ 9,750.00	\$ 1.00	\$ 13,000.00	\$ 1.50	\$ 19,500.00	nb	No Bid
4e	7000	lf	Inspection of 15-inch sewers	\$ 1.70	\$ 11,900.00	\$ 0.75	\$ 5,250.00	\$ 1.00	\$ 7,000.00	\$ 1.75	\$ 12,250.00	nb	No Bid
4f	3000	lf	Inspection of 18-inch sewers	\$ 1.70	\$ 5,100.00	\$ 0.75	\$ 2,250.00	\$ 1.00	\$ 3,000.00	\$ 1.75	\$ 5,250.00	nb	No Bid
4g	500	lf	Inspection of 20-inch sewers	\$ 1.70	\$ 850.00	\$ 0.75	\$ 375.00	\$ 1.00	\$ 500.00	\$ 2.50	\$ 1,250.00	nb	No Bid
4h	2200	lf	Inspection of 21-inch sewers	\$ 1.70	\$ 3,740.00	\$ 0.75	\$ 1,650.00	\$ 1.00	\$ 2,200.00	\$ 2.50	\$ 5,500.00	nb	No Bid
4i	500	lf	Inspection of 22-inch sewers	\$ 1.70	\$ 850.00	\$ 0.75	\$ 375.00	\$ 1.00	\$ 500.00	\$ 2.75	\$ 1,375.00	nb	No Bid
4j	7000	lf	Inspection of 24-inch sewers	\$ 1.70	\$ 11,900.00	\$ 0.75	\$ 5,250.00	\$ 1.00	\$ 7,000.00	\$ 3.00	\$ 21,000.00	nb	No Bid
4k	125	ea	Clean & Inspection of 4 to 6-inch laterals			\$ 100.00	\$ 12,500.00	\$ 250.00	\$ 31,250.00	\$ 460.00	\$ 57,500.00		
5			<i>Mobilization</i>										
5a	1	ls	Mobilization for Items 3-4, lump sum (not to exceed 5% of total)	\$ 10,787.50	\$ 10,787.50	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 12,617.00	\$ 12,617.00	nb	No Bid
			Total Contract #3		\$ 226,537.50		\$ 120,400.00		\$ 167,813.50		\$ 332,542.00		No Bid
6			<i>On-Call Sewer Repair</i>										
6a	10	lf	Structural short liners of 6-inch sewers	\$ 425.00	\$ 4,250.00	\$ 350.00	\$ 3,500.00	\$ 300.00	\$ 3,000.00	nb	No Bid	nb	No Bid
6b	50	lf	Structural short liners of 8-inch sewers	\$ 425.00	\$ 21,250.00	\$ 350.00	\$ 17,500.00	\$ 400.00	\$ 20,000.00	nb	No Bid	nb	No Bid
6c	10	lf	Structural short liners of 10-inch sewers	\$ 475.00	\$ 4,750.00	\$ 350.00	\$ 3,500.00	\$ 450.00	\$ 4,500.00	nb	No Bid	nb	No Bid
6d	10	lf	Structural short liners of 12-inch sewers	\$ 525.00	\$ 5,250.00	\$ 350.00	\$ 3,500.00	\$ 500.00	\$ 5,000.00	nb	No Bid	nb	No Bid
6e	10	lf	Structural short liners of 15-inch sewers	\$ 625.00	\$ 6,250.00	\$ 400.00	\$ 4,000.00	\$ 400.00	\$ 4,000.00	nb	No Bid	nb	No Bid
6f	10	lf	Structural short liners of 18-inch sewers	\$ 725.00	\$ 7,250.00	\$ 400.00	\$ 4,000.00	\$ 300.00	\$ 3,000.00	nb	No Bid	nb	No Bid

Town of Dedham
 Engineering Department
 55 River Street
 Dedham, MA

**Bid Comparison
 2018 Sewer On-Call Services
 Dedham, Massachusetts
 December 21, 2017**

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION	Engineer's Estimate		Rapid Flow, Inc.		National Water Main		Diversified Infrastructure Services		Municipal Sales, Inc.	
				UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
6g	250	lf	Structural line pipe (cured-in-place) of 6-inch sewers	\$ 55.00	\$ 13,750.00	\$ 40.00	\$ 10,000.00	\$ 35.00	\$ 8,750.00	nb	No Bid	nb	No Bid
6h	5500	lf	Structural line pipe (cured-in-place) of 8-inch sewers	\$ 45.00	\$ 247,500.00	\$ 30.00	\$ 165,000.00	\$ 46.30	\$ 254,650.00	nb	No Bid	nb	No Bid
6i	800	lf	Structural line pipe (cured-in-place) of 10-inch sewers	\$ 50.00	\$ 40,000.00	\$ 34.00	\$ 27,200.00	\$ 49.55	\$ 39,640.00	nb	No Bid	nb	No Bid
6j	500	lf	Structural line pipe (cured-in-place) of 12-inch sewers	\$ 60.00	\$ 30,000.00	\$ 44.00	\$ 22,000.00	\$ 52.75	\$ 26,375.00	nb	No Bid	nb	No Bid
6k	250	lf	Structural line pipe (cured-in-place) of 15-inch sewers	\$ 70.00	\$ 17,500.00	\$ 50.00	\$ 12,500.00	\$ 50.00	\$ 12,500.00	nb	No Bid	nb	No Bid
6l	250	lf	Structural line pipe (cured-in-place) of 18-inch sewers	\$ 80.00	\$ 20,000.00	\$ 75.00	\$ 18,750.00	\$ 80.00	\$ 20,000.00	nb	No Bid	nb	No Bid
6m	250	lf	Structural line pipe (cured-in-place) of 20-inch sewers	\$ 90.00	\$ 22,500.00	\$ 85.00	\$ 21,250.00	\$ 55.00	\$ 13,750.00	nb	No Bid	nb	No Bid
6n	300	lf	Structural line pipe (cured-in-place) of 24-inch sewers	\$ 200.00	\$ 60,000.00	\$ 125.00	\$ 37,500.00	\$ 80.00	\$ 24,000.00	nb	No Bid	nb	No Bid
6o	15	ea	Full Wrap Lateral Liner (cured-in-place) of 4 to 6-inch laterals	\$ 4,000.00	\$ 60,000.00	\$ 1,850.00	\$ 27,750.00	\$ 1,100.00	\$ 16,500.00	nb	No Bid	nb	No Bid
6p	15	ea	Clean & Inspection of 4 to 6-inch laterals	\$ 1,000.00	\$ 15,000.00	\$ 500.00	\$ 7,500.00	\$ 700.00	\$ 10,500.00	nb	No Bid	nb	No Bid
7			<i>Manhole Rehabilitation</i>										
7a	400	vf	Exterior chemical grouting and interior cementitious	\$ 150.00	\$ 60,000.00	\$ 120.00	\$ 48,000.00	\$ 130.00	\$ 52,000.00	nb	No Bid	nb	No Bid
8			<i>Mobilization</i>										
8a	1	ls	Mobilization for Items 6-7, (not to exceed 5% of total)	\$ 17,959.37	\$ 17,959.37	\$ 15,000.00	\$ 15,000.00	\$ 5,500.00	\$ 5,500.00	nb	No Bid	nb	No Bid
9			<i>Alternate Bid #1</i>										
9a	1	ls	Structural line pipe (cured-in-place) of 12-inch sewer segment AA10-AA5	\$ 25,000.00	\$ 25,000.00	\$ 75,000.00	\$ 75,000.00	\$ 44,350.00	\$ 44,350.00	nb	No Bid		
10			<i>Alternate Bid #2</i>										
10a	1	ls	Structural line pipe (cured-in-place) of 24-inch sewer segment JJ460-JJ370	\$ 25,000.00	\$ 25,000.00	\$ 75,000.00	\$ 75,000.00	\$ 73,650.00	\$ 73,650.00	nb	No Bid		
11			<i>Alternate Bid #3</i>										
11a	1	ls	Structural line pipe (cured-in-place) of 8-inch sewer segments HH930-HH920, HH920-HH910 & HH910-HH900	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 44,350.00	\$ 44,350.00	nb	No Bid		
			Total Contract #4		\$ 653,209.37		\$ 448,450.00		\$ 523,665.00		No Bid		No Bid
			BASE BID plus ALTERNATE BID No. 1 (Items 6 - 9)		\$ 678,209.37		\$ 523,450.00		\$ 568,015.00		No Bid		
			BASE BID plus ALTERNATE BID Nos. 1 & 2 (Items 6 - 10)		\$ 703,209.37		\$ 598,450.00		\$ 641,665.00		No Bid		
			BASE BID plus ALTERNATE BID Nos. 1, 2 & 3 (Items 6 - 11)		\$ 728,209.37		\$ 623,450.00		\$ 686,015.00		No Bid		
12			<i>Chemical Root Treatment</i>										
12a	500	lf	Chemical root treatment of 6-inch sewers	\$ 1.80	\$ 900.00	\$ 2.00	\$ 1,000.00	\$ 1.75	\$ 875.00	nb	No Bid	\$ 1.20	\$ 600.00
12b	25000	lf	Chemical root treatment of 8-inch sewers	\$ 1.80	\$ 45,000.00	\$ 2.00	\$ 50,000.00	\$ 1.75	\$ 43,750.00	nb	No Bid	\$ 1.25	\$ 31,250.00
12c	1000	lf	Chemical root treatment of 10-inch sewers	\$ 2.00	\$ 2,000.00	\$ 2.00	\$ 2,000.00	\$ 1.75	\$ 1,750.00	nb	No Bid	\$ 1.30	\$ 1,300.00
12d	1000	lf	Chemical root treatment of 12-inch sewers	\$ 2.30	\$ 2,300.00	\$ 2.00	\$ 2,000.00	\$ 1.75	\$ 1,750.00	nb	No Bid	\$ 1.40	\$ 1,400.00
12e	300	lf	Chemical root treatment of 15-inch sewers	\$ 2.95	\$ 885.00	\$ 3.00	\$ 900.00	\$ 2.00	\$ 600.00	nb	No Bid	\$ 1.55	\$ 465.00
12f	300	lf	Chemical root treatment of 18-inch sewers	\$ 4.20	\$ 1,260.00	\$ 3.00	\$ 900.00	\$ 3.00	\$ 900.00	nb	No Bid	\$ 1.75	\$ 525.00
12g	300	lf	Chemical root treatment of 20-inch sewers	\$ 4.20	\$ 1,260.00	\$ 3.00	\$ 900.00	\$ 3.00	\$ 900.00	nb	No Bid	\$ 2.00	\$ 600.00
12h	10	ea	Chemical root treatment of manholes	\$ 250.00	\$ 2,500.00	\$ 250.00	\$ 2,500.00	\$ 250.00	\$ 2,500.00	nb	No Bid	\$ 150.00	\$ 1,500.00
12			<i>Mobilization</i>										
12a	1	ea	Mobilization for Item 12, (not to exceed 5% of total)	\$ 2,805.25	\$ 2,805.25	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00	nb	No Bid	\$ -	\$ -
			Total Contract #5		\$ 58,910.25		\$ 61,700.00		\$ 53,525.00		No Bid		\$ 37,640.00

Town of Dedham
 Engineering Department
 55 River Street
 Dedham, MA

Bid Comparison
2018 Sewer On-Call Services
Dedham, Massachusetts
December 21, 2017

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION	Engineer's Estimate		Rapid Flow, Inc.		National Water Main		Diversified Infrastructure Services		Municipal Sales, Inc.	
				UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
			Total Contract #1	\$	21,530.00	\$	12,000.30	\$	27,500.30		No Bid		No Bid
			Total Contract #2	\$	98,030.00	\$	82,000.30	\$	81,600.40		No Bid		No Bid
			Total Contract #3	\$	226,537.50	\$	120,400.00	\$	167,813.50	\$	332,542.00		No Bid
			Total Contract #4										
			BASE BID (Items 6 - 8)	\$	653,209.37	\$	448,450.00	\$	523,665.00		No Bid		No Bid
			BASE BID plus ALTERNATE BID No. 1 (Items 6-9)	\$	678,209.37	\$	523,450.00	\$	568,015.00		No Bid		No Bid
			BASE BID plus ALTERNATE BID Nos. 1 & 2 (Items 6-10)	\$	703,209.37	\$	598,450.00	\$	641,665.00		No Bid		No Bid
			BASE BID plus ALTERNATE BID Nos. 1, 2 & 3 (Items 6-11)	\$	728,209.37	\$	623,450.00	\$	686,015.00		No Bid		No Bid
			Total Contract #5	\$	58,910.25	\$	61,700.00	\$	53,525.00		No Bid		\$ 37,640.00
			Total Contract 1-5										
			BASE BID	\$	1,058,217.12	\$	724,550.60	\$	854,104.20		NA		NA
			BASE BID plus ALTERNATE BID No. 1	\$	1,083,217.12	\$	799,550.60	\$	898,454.20		NA		NA
			BASE BID plus ALTERNATE BID Nos. 1 & 2	\$	1,108,217.12	\$	874,550.60	\$	972,104.20		NA		NA
			BASE BID plus ALTERNATE BID Nos. 1, 2 & 3	\$	1,133,217.12	\$	899,550.60	\$	1,016,454.20		NA		NA