

Town of Dedham  
 Engineering Department  
 55 River Street  
 Dedham, MA

**Bid Comparison  
 2020 Sewer On-Call Services  
 Dedham, Massachusetts  
 February 6, 2020**

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION	Engineer's Estimate		National Water Main		Green Mountain	
				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	\$ 800.00	\$ 16,000.00	\$ 3,000.00	\$ 60,000.00
1b	20	hr	Emergency Cleaning of Sewers	\$ 275.00	\$ 5,500.00	\$ 400.00	\$ 8,000.00	\$ 375.00	\$ 7,500.00
1c	30	tn	Storage, Testing, and Disposal of Sewer Debris	\$ 1.00	\$ 30.00	\$ 0.01	\$ 0.30	\$ 375.00	\$ 11,250.00
2			<i>Hourly Rate for Cleaning &amp; Inspection</i>						
2a	30	wo	Cleaning & Inspection of Sewers	\$ 3,200.00	\$ 96,000.00	\$ 2,600.00	\$ 78,000.00	\$ 2,800.00	\$ 84,000.00
2b	40	hr	Cleaning & Inspection of Sewers	\$ 50.00	\$ 2,000.00	\$ 0.01	\$ 0.40	\$ 350.00	\$ 14,000.00
2c	30	tn	Storage, Testing, and Disposal of Sewer Debris	\$ 1.00	\$ 30.00	\$ 100.00	\$ 3,000.00	\$ 375.00	\$ 11,250.00
3			<i>Heavy Cleaning of Sewers</i>						
3a	250	lf	Heavy Cleaning of 4-inch sewers	\$ 1.50	\$ 375.00	\$ 0.01	\$ 2.50	\$ 11.00	\$ 2,750.00
3b	600	lf	Heavy Cleaning of 6-inch sewers	\$ 1.50	\$ 900.00	\$ 0.01	\$ 6.00	\$ 2.00	\$ 1,200.00
3c	5000	lf	Heavy Cleaning of 8-inch sewers	\$ 1.00	\$ 5,000.00	\$ 0.50	\$ 2,500.00	\$ 2.00	\$ 10,000.00
3d	1000	lf	Heavy Cleaning of 10-inch sewers	\$ 1.50	\$ 1,500.00	\$ 0.25	\$ 250.00	\$ 2.00	\$ 2,000.00
3e	500	lf	Heavy Cleaning of 12-inch sewers	\$ 1.50	\$ 750.00	\$ 5.00	\$ 2,500.00	\$ 2.50	\$ 1,250.00
3f	100	lf	Heavy Cleaning of 15-inch sewers	\$ 3.00	\$ 300.00	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00
3g	250	lf	Heavy Cleaning of 18-inch sewers	\$ 3.00	\$ 750.00	\$ 0.50	\$ 125.00	\$ 6.50	\$ 1,625.00
3h	250	lf	Heavy Cleaning of 20-inch sewers	\$ 3.00	\$ 750.00	\$ 0.50	\$ 125.00	\$ 6.50	\$ 1,625.00
3i	250	lf	Heavy Cleaning of 21-inch sewers	\$ 3.00	\$ 750.00	\$ 0.50	\$ 125.00	\$ 6.50	\$ 1,625.00
3j	250	lf	Heavy Cleaning of 22-inch sewers	\$ 3.00	\$ 750.00	\$ 0.50	\$ 125.00	\$ 7.50	\$ 1,875.00
3k	1000	lf	Heavy Cleaning of 24-inch sewers	\$ 3.00	\$ 3,000.00	\$ 5.00	\$ 5,000.00	\$ 10.00	\$ 10,000.00
4			<i>Inspection of Sewers</i>						
4a	650	lf	Inspection of 4-inch sewers	\$ 1.60	\$ 1,040.00	\$ 5.00	\$ 3,250.00	\$ 7.50	\$ 4,875.00
4b	9500	lf	Inspection of 6-inch sewers	\$ 1.60	\$ 15,200.00	\$ 1.30	\$ 12,350.00	\$ 2.75	\$ 26,125.00
4c	80000	lf	Inspection of 8-inch sewers	\$ 1.60	\$ 128,000.00	\$ 1.10	\$ 88,000.00	\$ 2.30	\$ 184,000.00
4d	4500	lf	Inspection of 10-inch sewers	\$ 1.60	\$ 7,200.00	\$ 1.10	\$ 4,950.00	\$ 2.30	\$ 10,350.00
4e	16000	lf	Inspection of 12-inch sewers	\$ 1.60	\$ 25,600.00	\$ 1.10	\$ 17,600.00	\$ 2.50	\$ 40,000.00
4f	7000	lf	Inspection of 15-inch sewers	\$ 1.70	\$ 11,900.00	\$ 1.10	\$ 7,700.00	\$ 2.75	\$ 19,250.00
4g	5000	lf	Inspection of 18-inch sewers	\$ 1.70	\$ 8,500.00	\$ 1.10	\$ 5,500.00	\$ 2.75	\$ 13,750.00
4h	3000	lf	Inspection of 20-inch sewers	\$ 1.70	\$ 5,100.00	\$ 1.10	\$ 3,300.00	\$ 2.75	\$ 8,250.00
4i	500	lf	Inspection of 21-inch sewers	\$ 1.70	\$ 850.00	\$ 1.10	\$ 550.00	\$ 2.75	\$ 1,375.00
4j	500	lf	Inspection of 22-inch sewers	\$ 1.70	\$ 850.00	\$ 1.10	\$ 550.00	\$ 2.75	\$ 1,375.00
4k	12000	lf	Inspection of 24-inch sewers	\$ 1.70	\$ 20,400.00	\$ 1.10	\$ 13,200.00	\$ 3.00	\$ 36,000.00
5			<i>Mobilization</i>						
5a	1	ls	Mobilization for Items 3-4, lump sum (not to exceed 5% of total)		\$ 11,902.50	\$ 8,410.43	\$ 1,000.00	\$ 18,990.00	\$ 28,930.00
6			<i>On-Call Sewer Repair</i>						
6a	10	lf	Structural short liners of 6-inch sewers	\$ 500.00	\$ 5,000.00	\$ 50.00	\$ 500.00	\$ 450.00	\$ 4,500.00
6b	75	lf	Structural short liners of 8-inch sewers	\$ 350.00	\$ 26,250.00	\$ 350.00	\$ 26,250.00	\$ 450.00	\$ 33,750.00
6c	10	lf	Structural short liners of 10-inch sewers	\$ 600.00	\$ 6,000.00	\$ 50.00	\$ 500.00	\$ 500.00	\$ 5,000.00
6d	50	lf	Structural short liners of 12-inch sewers	\$ 700.00	\$ 35,000.00	\$ 375.00	\$ 18,750.00	\$ 500.00	\$ 25,000.00
6e	10	lf	Structural short liners of 15-inch sewers	\$ 750.00	\$ 7,500.00	\$ 50.00	\$ 500.00	\$ 800.00	\$ 8,000.00
6f	10	lf	Structural short liners of 18-inch sewers	\$ 750.00	\$ 7,500.00	\$ 50.00	\$ 500.00	\$ 1,000.00	\$ 10,000.00
6g	250	lf	Structural line pipe (cured-in-place) of 6-inch sewers	\$ 50.00	\$ 12,500.00	\$ 30.00	\$ 7,500.00	\$ 45.00	\$ 11,250.00
6h	11750	lf	Structural line pipe (cured-in-place) of 8-inch sewers	\$ 50.00	\$ 587,500.00	\$ 46.00	\$ 540,500.00	\$ 37.00	\$ 434,750.00

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ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION	Engineer's Estimate		National Water Main		Green Mountain	
				UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
6i	800	lf	Structural line pipe (cured-in-place) of 10-inch sewers	\$ 55.00	\$ 44,000.00	\$ 46.00	\$ 36,800.00	\$ 37.50	\$ 30,000.00
6j	1000	lf	Structural line pipe (cured-in-place) of 12-inch sewers	\$ 65.00	\$ 65,000.00	\$ 44.00	\$ 44,000.00	\$ 38.50	\$ 38,500.00
6k	250	lf	Structural line pipe (cured-in-place) of 15-inch sewers	\$ 75.00	\$ 18,750.00	\$ 50.00	\$ 12,500.00	\$ 60.00	\$ 15,000.00
6l	250	lf	Structural line pipe (cured-in-place) of 18-inch sewers	\$ 85.00	\$ 21,250.00	\$ 75.00	\$ 18,750.00	\$ 85.00	\$ 21,250.00
6m	250	lf	Structural line pipe (cured-in-place) of 20-inch sewers	\$ 90.00	\$ 22,500.00	\$ 75.00	\$ 18,750.00	\$ 120.00	\$ 30,000.00
6n	300	lf	Structural line pipe (cured-in-place) of 24-inch sewers	\$ 150.00	\$ 45,000.00	\$ 80.00	\$ 24,000.00	\$ 150.00	\$ 45,000.00
7			<i>Manhole Rehabilitation</i>						
7a	1700	vf	Exterior chemical grouting and interior cementitious	\$ 175.00	\$ 297,500.00	\$ 150.00	\$ 255,000.00	\$ 200.00	\$ 340,000.00
8			<i>Mobilization</i>						
8a	1	ls	Mobilization for Items 6-7, (not to exceed 5% of total)	\$ 17,959.37	\$ 60,062.50	\$ 50,240.00	\$ 45,000.00	\$ 52,600.00	\$ 52,600.00
			<b>Total Contract</b>		<b>\$ 1,632,240.00</b>		<b>\$ 1,324,009.20</b>		<b>\$ 1,701,330.00</b>