

**Bid Comparison**  
**2015 Sewer On-Call Services**  
**Dedham, Massachusetts**  
**January 8, 2015**

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION	Engineer's Estimate		National Water Main Cleaning Co.		After Hours Drain Service		Municipal Sales, Inc.	
				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	\$ 1,100.00	\$ 22,000.00	nb	No Bid
1b	20	hr	Emergency Cleaning of Sewers	\$ 150.00	\$ 3,000.00	\$ 275.00	\$ 5,500.00	\$ 275.00	\$ 5,500.00	nb	No Bid
1c	30	tn	Storage, Testing, and Disposal of Sewer Debris	\$ 0.01	\$ 0.30	\$ 0.01	\$ 0.30	\$ 1.00	\$ 30.00	nb	No Bid
			<b>Total Contract #1</b>		<b>\$ 19,000.30</b>		<b>\$ 15,500.30</b>		<b>\$ 27,530.00</b>		<b>No Bid</b>
2			<i>Hourly Rate for Cleaning &amp; Inspection</i>								
2a	30	wo	Cleaning & Inspection of Sewers	\$ 3,200.00	\$ 96,000.00	\$ 2,800.00	\$ 84,000.00	nb	No Bid	nb	No Bid
2b	40	hr	Cleaning & Inspection of Sewers	\$ 50.00	\$ 2,000.00	\$ 40.00	\$ 1,600.00	nb	No Bid	nb	No Bid
2c	30	tn	Storage, Testing, and Disposal of Sewer Debris	\$ 0.01	\$ 0.30	\$ 0.01	\$ 0.30	nb	No Bid	nb	No Bid
			<b>Total Contract #2</b>		<b>\$ 98,000.30</b>		<b>\$ 85,600.30</b>		<b>No Bid</b>		<b>No Bid</b>
3			<i>Light Cleaning of Sewers</i>								
3a	4000	lf	Light Cleaning of 6-inch sewers	\$ 0.01	\$ 40.00	\$ 0.01	\$ 40.00	nb	No Bid	nb	No Bid
3b	8000	lf	Light Cleaning of 8-inch sewers	\$ 0.01	\$ 800.00	\$ 0.01	\$ 800.00	nb	No Bid	nb	No Bid
3c	5000	lf	Light Cleaning of 10-inch sewers	\$ 0.01	\$ 50.00	\$ 0.01	\$ 50.00	nb	No Bid	nb	No Bid
3d	12000	lf	Light Cleaning of 12-inch sewers	\$ 0.01	\$ 120.00	\$ 0.01	\$ 120.00	nb	No Bid	nb	No Bid
3e	7000	lf	Light Cleaning of 15-inch sewers	\$ 0.01	\$ 70.00	\$ 0.01	\$ 70.00	nb	No Bid	nb	No Bid
3f	3000	lf	Light Cleaning of 18-inch sewers	\$ 0.01	\$ 30.00	\$ 0.01	\$ 30.00	nb	No Bid	nb	No Bid
3g	500	lf	Light Cleaning of 20-inch sewers	\$ 0.01	\$ 5.00	\$ 0.01	\$ 5.00	nb	No Bid	nb	No Bid
3h	2000	lf	Light Cleaning of 21-inch sewers	\$ 0.01	\$ 20.00	\$ 0.01	\$ 20.00	nb	No Bid	nb	No Bid
3i	500	lf	Light Cleaning of 22-inch sewers	\$ 0.01	\$ 5.00	\$ 0.01	\$ 5.00	nb	No Bid	nb	No Bid
3j	6000	lf	Light Cleaning of 24-inch sewers	\$ 0.01	\$ 60.00	\$ 0.01	\$ 60.00	nb	No Bid	nb	No Bid
4			<i>Heavy Cleaning of Sewers</i>								
4a	600	lf	Heavy Cleaning of 6-inch sewers	\$ 2.00	\$ 1,200.00	\$ 1.20	\$ 720.00	nb	No Bid	nb	No Bid
4b	10000	lf	Heavy Cleaning of 8-inch sewers	\$ 1.00	\$ 10,000.00	\$ 0.01	\$ 100.00	nb	No Bid	nb	No Bid
4c	1000	lf	Heavy Cleaning of 10-inch sewers	\$ 1.00	\$ 1,000.00	\$ 1.20	\$ 1,200.00	nb	No Bid	nb	No Bid
4d	1000	lf	Heavy Cleaning of 12-inch sewers	\$ 1.00	\$ 1,000.00	\$ 1.20	\$ 1,200.00	nb	No Bid	nb	No Bid
4e	500	lf	Heavy Cleaning of 15-inch sewers	\$ 1.00	\$ 500.00	\$ 2.55	\$ 1,275.00	nb	No Bid	nb	No Bid
4f	500	lf	Heavy Cleaning of 18-inch sewers	\$ 2.00	\$ 1,000.00	\$ 2.55	\$ 1,275.00	nb	No Bid	nb	No Bid
4g	250	lf	Heavy Cleaning of 20-inch sewers	\$ 2.00	\$ 500.00	\$ 2.55	\$ 637.50	nb	No Bid	nb	No Bid
4h	250	lf	Heavy Cleaning of 21-inch sewers	\$ 2.00	\$ 500.00	\$ 2.55	\$ 637.50	nb	No Bid	nb	No Bid
4i	250	lf	Heavy Cleaning of 22-inch sewers	\$ 2.00	\$ 500.00	\$ 2.55	\$ 637.50	nb	No Bid	nb	No Bid
4j	1000	lf	Heavy Cleaning of 24-inch sewers	\$ 3.00	\$ 3,000.00	\$ 2.55	\$ 2,550.00	nb	No Bid	nb	No Bid
5			<i>Inspection of Sewers</i>								
5a	4000	lf	Inspection of 6-inch sewers	\$ 1.50	\$ 6,000.00	\$ 1.03	\$ 4,120.00	nb	No Bid	nb	No Bid
5b	8000	lf	Inspection of 8-inch sewers	\$ 1.50	\$ 120,000.00	\$ 1.03	\$ 82,400.00	nb	No Bid	nb	No Bid
5c	5000	lf	Inspection of 10-inch sewers	\$ 1.50	\$ 7,500.00	\$ 1.03	\$ 5,150.00	nb	No Bid	nb	No Bid
5d	12000	lf	Inspection of 12-inch sewers	\$ 1.50	\$ 18,000.00	\$ 1.03	\$ 12,360.00	nb	No Bid	nb	No Bid
5e	7000	lf	Inspection of 15-inch sewers	\$ 1.50	\$ 10,500.00	\$ 1.20	\$ 8,400.00	nb	No Bid	nb	No Bid
5f	3000	lf	Inspection of 18-inch sewers	\$ 1.50	\$ 4,500.00	\$ 1.20	\$ 3,600.00	nb	No Bid	nb	No Bid
5g	500	lf	Inspection of 20-inch sewers	\$ 1.50	\$ 750.00	\$ 1.20	\$ 600.00	nb	No Bid	nb	No Bid
5h	2000	lf	Inspection of 21-inch sewers	\$ 1.50	\$ 3,000.00	\$ 1.20	\$ 2,400.00	nb	No Bid	nb	No Bid

**Bid Comparison**  
**2015 Sewer On-Call Services**  
**Dedham, Massachusetts**  
**January 8, 2015**

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION	Engineer's Estimate		National Water Main Cleaning Co.		After Hours Drain Service		Municipal Sales, Inc.	
				UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
5i	500	lf	Inspection of 22-inch sewers	\$ 1.50	\$ 750.00	\$ 1.20	\$ 600.00	nb	No Bid	nb	No Bid
5j	6000	lf	Inspection of 24-inch sewers	\$ 1.50	\$ 9,000.00	\$ 1.20	\$ 7,200.00	nb	No Bid	nb	No Bid
6			<i>Top-Side Manhole Inspection</i>								
6a	500	ea	Top-Side Manhole Inspection	\$ 38.00	\$ 19,000.00	\$ 25.00	\$ 12,500.00	nb	No Bid	nb	No Bid
7			<i>Mobilization</i>								
7a	1	ls	Mobilization for Items 3-6, lump sum (not to exceed 5% of total)	\$ 10,970.00	\$ 10,970.00	\$ 0.01	\$ 0.01	nb	No Bid	nb	No Bid
8			<b>Total Contract #3</b>		<b>\$ 230,370.00</b>		<b>\$ 150,762.51</b>		<b>No Bid</b>		<b>No Bid</b>
			<i>On-Call Sewer Repair</i>								
8a	10	lf	Structural short liners of 6-inch sewers	\$ 425.00	\$ 4,250.00	\$ 385.00	\$ 3,850.00	nb	No Bid	nb	No Bid
8b	150	lf	Structural short liners of 8-inch sewers	\$ 425.00	\$ 63,750.00	\$ 410.00	\$ 61,500.00	nb	No Bid	nb	No Bid
8c	10	lf	Structural short liners of 10-inch sewers	\$ 475.00	\$ 4,750.00	\$ 460.00	\$ 4,600.00	nb	No Bid	nb	No Bid
8d	10	lf	Structural short liners of 12-inch sewers	\$ 525.00	\$ 5,250.00	\$ 510.00	\$ 5,100.00	nb	No Bid	nb	No Bid
8e	10	lf	Structural short liners of 15-inch sewers	\$ 625.00	\$ 6,250.00	\$ 610.00	\$ 6,100.00	nb	No Bid	nb	No Bid
8f	10	lf	Structural short liners of 18-inch sewers	\$ 725.00	\$ 7,250.00	\$ 710.00	\$ 7,100.00	nb	No Bid	nb	No Bid
8g	350	lf	Structural line pipe (cured-in-place) of 6-inch sewers	\$ 40.00	\$ 14,000.00	\$ 52.50	\$ 18,375.00	nb	No Bid	nb	No Bid
8h	21100	lf	Structural line pipe (cured-in-place) of 8-inch sewers	\$ 40.00	\$ 844,000.00	\$ 42.83	\$ 903,713.00	nb	No Bid	nb	No Bid
8i	1500	lf	Structural line pipe (cured-in-place) of 10-inch sewers	\$ 45.00	\$ 67,500.00	\$ 48.74	\$ 73,110.00	nb	No Bid	nb	No Bid
8j	1500	lf	Structural line pipe (cured-in-place) of 12-inch sewers	\$ 55.00	\$ 82,500.00	\$ 57.88	\$ 86,820.00	nb	No Bid	nb	No Bid
8k	250	lf	Structural line pipe (cured-in-place) of 15-inch sewers	\$ 65.00	\$ 16,250.00	\$ 68.63	\$ 17,157.50	nb	No Bid	nb	No Bid
8l	250	lf	Structural line pipe (cured-in-place) of 18-inch sewers	\$ 85.00	\$ 21,250.00	\$ 79.38	\$ 19,845.00	nb	No Bid	nb	No Bid
8m	250	lf	Structural line pipe (cured-in-place) of 20-inch sewers	\$ 105.00	\$ 26,250.00	\$ 86.90	\$ 21,725.00	nb	No Bid	nb	No Bid
8n	300	lf	Structural line pipe (cured-in-place) of 24-inch sewers	\$ 120.00	\$ 36,000.00	\$ 251.38	\$ 75,414.00	nb	No Bid	nb	No Bid
8o	40	ea	Full Wrap Lateral Liner (cured-in-place) of 4 to 6-inch laterals	\$ 4,000.00	\$ 160,000.00	\$ 1,500.00	\$ 60,000.00	nb	No Bid	nb	No Bid
8p	40	ea	Clean & Inspection of 4 to 6-inch laterals	\$ 1,000.00	\$ 40,000.00	\$ 300.00	\$ 12,000.00	nb	No Bid	nb	No Bid
9			<i>Manhole Rehabilitation</i>								
9a	250	vf	Exterior chemical grouting and interior cementitious	\$ 150.00	\$ 37,500.00	\$ 140.00	\$ 35,000.00	nb	No Bid	nb	No Bid
10			<i>Mobilization</i>								
10a	4	ea	Mobilization for Items 8-9, (not to exceed 5% of total)	\$ 17,959.37	\$ 71,837.48	\$ 1,000.00	\$ 4,000.00	nb	No Bid	nb	No Bid
			<b>Total Contract #4</b>		<b>\$ 1,508,587.48</b>		<b>\$ 1,415,409.50</b>		<b>No Bid</b>		<b>No Bid</b>
11			<i>Chemical Root Treatment</i>								
11a	500	lf	Chemical root treatment of 6-inch sewers	\$ 1.80	\$ 900.00	\$ 1.59	\$ 795.00	nb	No Bid	\$ 1.00	\$ 500.00
11b	25000	lf	Chemical root treatment of 8-inch sewers	\$ 1.80	\$ 45,000.00	\$ 1.59	\$ 39,750.00	nb	No Bid	\$ 1.00	\$ 25,000.00
11c	1000	lf	Chemical root treatment of 10-inch sewers	\$ 2.00	\$ 2,000.00	\$ 1.76	\$ 1,760.00	nb	No Bid	\$ 1.00	\$ 1,000.00
11d	1000	lf	Chemical root treatment of 12-inch sewers	\$ 2.30	\$ 2,300.00	\$ 1.92	\$ 1,920.00	nb	No Bid	\$ 1.00	\$ 1,000.00
11e	300	lf	Chemical root treatment of 15-inch sewers	\$ 2.95	\$ 885.00	\$ 2.73	\$ 819.00	nb	No Bid	\$ 1.20	\$ 360.00
11f	300	lf	Chemical root treatment of 18-inch sewers	\$ 4.20	\$ 1,260.00	\$ 3.97	\$ 1,191.00	nb	No Bid	\$ 2.00	\$ 600.00
11g	300	lf	Chemical root treatment of 20-inch sewers	\$ 4.20	\$ 1,260.00	\$ 4.00	\$ 1,200.00	nb	No Bid	\$ 2.50	\$ 750.00
11h	10	ea	Chemical root treatment of manholes	\$ 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 11, (not to exceed 5% of total)	\$ 2,805.25	\$ 2,805.25	\$ 500.00	\$ 500.00	nb	No Bid	\$ -	\$ -
			<b>Total Contract #5</b>		<b>\$ 58,910.25</b>		<b>\$ 50,435.00</b>		<b>No Bid</b>		<b>\$ 30,710.00</b>

<b>Total Contract #1</b>	<b>\$ 19,000.30</b>	<b>\$ 15,500.30</b>	<b>\$ 27,530.00</b>	<b>No Bid</b>
<b>Total Contract #2</b>	<b>\$ 98,000.30</b>	<b>\$ 85,600.30</b>	<b>No Bid</b>	<b>No Bid</b>
<b>Total Contract #3</b>	<b>\$ 230,370.00</b>	<b>\$ 150,762.51</b>	<b>No Bid</b>	<b>No Bid</b>
<b>Total Contract #4</b>	<b>\$ 1,508,587.48</b>	<b>\$ 1,415,409.50</b>	<b>No Bid</b>	<b>No Bid</b>
<b>Total Contract #5</b>	<b>\$ 58,910.25</b>	<b>\$ 50,435.00</b>	<b>No Bid</b>	<b>\$ 30,710.00</b>
<b>Total Contract 1-5</b>	<b>\$ 1,914,868.33</b>	<b>\$ 1,717,707.61</b>	<b>\$ 27,530.00</b>	<b>\$ 30,710.00</b>