

			Umbro & Sons Construction Corp. Boston, MA		N&M Excavating Brewster, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	Q07414.	BASE BID Sewers Complete in Place				
1a	157	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$2,500.00	\$392,500.00	\$2,000.00	\$314,000.00
1b	363	8-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$600.00	\$217,800.00	\$1,000.00	\$363,000.00
1c	21	12-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$2,500.00	\$52,500.00	\$2,000.00	\$42,000.00
1d	70	12-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$600.00	\$42,000.00	\$1,000.00	\$70,000.00
1e	10	15-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$600.00	\$6,000.00	\$2,400.00	\$24,000.00
1f	623	24-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$825.00	\$513,975.00	\$1,150.00	\$716,450.00
1g 2	20	6-inch PVC sewer service chimneys, per vertical foot Sewer Manholes and Appurtenances	\$100.00	\$2,000.00	\$200.00	\$4,000.00
2a	4	Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$53,000.00	\$212,000.00	\$20,000.00	\$80,000.00
2b 3	32	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot Removal and Disposal of Asbestos Cement Pipe	\$100.00	\$3,200.00	\$0.01	\$0.32
3a 4	36	Removal and disposal of asbestos cement pipe, per linear foot Tree Removal	\$50.00	\$1,800.00	\$50.00	\$1,800.00
4a	7	Pre-Excavation Tree and Stump Removal, where excavation is less than 5 feet from tree trunk, per tree	\$2,000.00	\$14,000.00	\$1,000.00	\$7,000.00
4b 5	2	Post-Excavation Tree and Stump Removal, where excavation is greater than or equal to 5 feet from tree trunk, per tree Additional Earthwork	\$2,000.00	\$4,000.00	\$1,000.00	\$2,000.00
5 5a	100	Earth excavation and backfill above normal grade, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
5b	100	Earth excavation and backfill below normal grade, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
5c 5d	100 50	Disposal of Group A material from within Disposal Site Boundary, per ton Rock excavation and disposal, per cubic yard (minimum)	\$100.00 \$60.00	\$10,000.00 \$3,000.00	\$100.00 \$60.00	\$10,000.00 \$3,000.00
5e	50	Rock excavation and disposal, per cubic yard (additional)	\$0.01	\$0.50	\$100.00	\$5,000.00 \$5,000.00
5f	100	Test pits, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
5g	100	Additional crushed stone, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
5h	100	Additional gravel, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
6 6a 7	1	Special Dewatering within Disposal Site Boundary Special Dewatering within Disposal Site Boundary, lump sum Pavement and Sidewalk Replacement	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00
7a	893	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$0.01	\$8.93	\$0.01	\$8.93
7b	925	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$0.01	\$9.25	\$75.00	\$69,375.00
7c 7d	25 1	Additional pavement, per ton Pavement markings, lump sum	\$150.00 \$4,000.00	\$3,750.00 \$4,000.00	\$0.01 \$15,000.00	\$0.25 \$15,000.00
7e	501	Temporary hot mix asphalt sidewalk, per linear foot	\$0.01	\$5.01	\$0.01	\$5.01
7f	461	Permanent concrete sidewalk, per linear foot	\$100.00	\$46,100.00	\$200.00	\$92,200.00
8 8a 9	11	Water and Drain Reconstruction Water and drain reconstruction within sewer trench limits, each Sewer Line Chemical Root Treatment	\$0.01	\$0.11	\$2,000.00	\$22,000.00
9a 10	3,028	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot Structural Cured-in-Place Pipe	\$3.50	\$10,598.00	\$4.00	\$12,112.00
10a	7,964	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$37.00	\$294,668.00	\$43.00	\$342,452.00
10b	326	Structural Cured-in-place pipe for 10-inch sewers, per linear foot	\$44.00 \$61.00	\$14,344.00 \$152.561.00	\$53.00 \$53.00	\$17,278.00
10c 10d		Structural Cured-in-place pipe for 12-inch sewers, per linear foot Structural Cured-in-place pipe for 15-inch sewers, per linear foot	\$61.00 \$64.00	\$152,561.00 \$73,856.00	\$53.00 \$56.00	\$132,553.00 \$64,624.00
10e		Grout reinstated service connections, per service	\$424.00	\$67,840.00	\$420.00	\$67,200.00
11		Service Connection Rehabilitation				
11a	18	Cutting of protruding service connections, per service	\$275.00	\$4,950.00	\$380.00	\$6,840.00
12 12a	552	Sewer Manhole Rehabilitation Cementitious lining of manholes, per vertical foot	\$220.00	\$121,440.00	\$220.00	\$121,440.00
12a 12b	6	Grout and patch manhole to stop leaks, per manhole	\$900.00	\$5,400.00	\$1,600.00	\$9,600.00
12c		Furnish and install manhole frame and cover, per frame and cover	\$2,000.00	\$22,000.00	\$2,400.00	\$26,400.00
13		Heavy Cleaning and Inspection of Sewers				
13a		Heavy cleaning and television inspection of 8-inch to 12-inch diameter sewers, per linear foot	\$8.00	\$8,184.00	\$4.00	\$4,092.00
13b		Heavy cleaning and television inspection of 15-inch to 18-inch diameter sewers, per linear foot	\$11.00	\$9,031.00	\$8.00	\$6,568.00
13c 13d		Heavy cleaning and television inspection of 21-inch diameter sewers, per linear foot Debris disposal, per ton	\$12.00 \$50.00	\$2,556.00 \$750.00	\$12.00 \$220.00	\$2,556.00 \$3,300.00
14	13	Construction Zone Safety Plan	φ30.00	ψ1 30.00	ΨΖΖΟ.00	
14a 15	1	Construction Zone Safety Plan, lump sum Mobilization	\$31,000.00	\$31,000.00	\$20,000.00	\$20,000.00
15a	1	Mobilization, lump sum (not more than 5% of Items 1 to 14) TOTAL BASE BID	\$117,000.00	\$117,000.00 \$2,473,331.80	\$100,000.00	\$100,000.00 \$2,787,859.51



			Umbro & Sons Construction Corp. Boston, MA		N&M Excavating Brewster, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
	QUAN.	BID ALTERNATE 1				
16		Sewers Complete in Place				
16a	22	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,500.00	\$33,000.00	\$2,200.00	\$48,400.00
16b	8	10-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$700.00	\$5,600.00	\$2,300.00	\$18,400.00
16c	39	10-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear	\$700.00	\$27,300.00	\$1,200.00	
17		foot Additional Earthwork	******	7=1,000100	* 1,=22.22	****
17a	25	Earth excavation and backfill above normal grade, per cubic yard	\$0.01	\$0.25	\$0.01	\$0.25
17b	25	Earth excavation and backfill below normal grade, per cubic yard	\$0.01	\$0.25	\$0.01	\$0.25
17c 17d	15 15	Test pits, per cubic yard Additional crushed stone, per cubic yard	\$0.01 \$0.01	\$0.15 \$0.15	\$0.01 \$0.01	\$0.15 \$0.15
17e	15	Additional gravel, per cubic yard	\$0.01	\$0.15	\$0.01	\$0.15
18 18a	76	Pavement Replacement Permanent binder course trench width pavement (6-inches thick), per linear foot	\$130.00	\$9,880.00	\$0.01	\$0.76
18b	84	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$100.00	\$8,400.00	\$100.00	
18c 19	5	Additional pavement, per ton Water and Drain Reconstruction	\$150.00	\$750.00	\$0.01	\$0.05
19a	2	Water and drain reconstruction within sewer trench limits, each	\$0.01	\$0.02	\$2,000.00	\$4,000.00
20 20a	313	Sewer Line Chemical Root Treatment Chemical root treatment of 8-inch to 12-inch sewers, per linear foot	\$3.50	\$1,095.50	\$4.00	\$1,252.00
20a 21	313	Structural Cured-in-Place Pipe	φ3.30	\$1,095.50	φ4.00	φ1,232.00
21a	1,253	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$34.00	\$42,602.00	\$43.00	
21b 21c	397 240	Structural Cured-in-place pipe for 10-inch sewers, per linear foot Structural Cured-in-place pipe for 15-inch storm sewers, per linear foot	\$64.00 \$72.00	\$25,408.00 \$17,280.00	\$53.00 \$56.00	\$21,041.00 \$13,440.00
21d	75	Grout reinstated service connections, per service	\$400.00	\$30,000.00	\$420.00	
22 22a	6	Service Connection Rehabilitation	\$275.00	¢1 650 00	\$290.00	\$2,280.00
22a 23	0	Cutting of protruding service connections, per service Sewer Manhole Rehabilitation	\$275.00	\$1,650.00	\$380.00	\$2,260.00
23a	41	Cementitious lining of manholes, per vertical foot	\$225.00	\$9,225.00	\$220.00	\$9,020.00
23b 24	1	Grout and patch manhole to stop leaks, per manhole Construction Zone Safety Plan	\$900.00	\$900.00	\$1,600.00	\$1,600.00
24a	1	Construction Zone Safety Plan, lump sum	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
25 25a		Mobilization	£40,200,00	£40, 200, 00	£10,000,00	£40,000,00
258	'	Mobilization, lump sum (not more than 5% of Items 16 to 24) TOTAL BID ALTERNATE 1	\$10,200.00	\$10,200.00 \$228,291.47	\$10,000.00	\$10,000.00 \$277,513.76
00		BID ALTERNATE 2				
26	00	Sewers Complete in Place	04 500 00	0.45.000.00	***	200 000 00
26a	30	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,500.00	\$45,000.00	\$2,000.00	\$60,000.00
27		Building Connection Systems				
27a	1	8x6 inch wye for PVC pipe, not specifically included in mainline pipe replacements, per wye	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
28		Sewer Manholes and Appurtenances				
28a	1	Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$53,000.00	\$53,000.00	\$28,000.00	\$28,000.00
28b	10	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot	\$100.00	\$1,000.00	\$0.01	\$0.10
29 29a	10	Additional Earthwork Earth excavation and backfill above normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
29b	10	Earth excavation and backfill below normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
29c 29d	10 10	Rock excavation and disposal, per cubic yard (minimum) Rock excavation and disposal, per cubic yard (additional)	\$60.00 \$0.01	\$600.00 \$0.10	\$60.00 \$0.01	\$600.00 \$0.10
29e	10	Test pits, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
29f 29g	10 10	Additional crushed stone, per cubic yard Additional gravel, per cubic yard	\$0.01 \$0.01	\$0.10 \$0.10	\$0.01 \$0.01	\$0.10 \$0.10
29g 30	10	Pavement Replacement	φυ.υ ι	φυ. 10	φυ.υ ι	φυ.10
30a	36	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$130.00	\$4,680.00	\$0.01	\$0.36
30b	42	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$130.00	\$5,460.00	\$100.00	\$4,200.00
30c	5	Additional pavement, per ton	\$150.00	\$750.00	\$0.01	\$0.05
30d 31	1	Pavement markings, lump sum Water and Drain Reconstruction	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
31a	3	Water and drain reconstruction within sewer trench limits, each	\$0.01	\$0.03	\$2,000.00	\$6,000.00
32	204	Sewer Line Chemical Root Treatment	00.50	8004.00	04.00	e4 400 00
32a 33	∠84	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot Structural Cured-in-Place Pipe	\$3.50	\$994.00	\$4.00	\$1,136.00
33a	3,554	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$38.00	\$135,052.00	\$43.00	
33b 33c	386 118	Structural Cured-in-place pipe for 12-inch sewers, per linear foot Grout reinstated service connections, per service	\$51.00 \$400.00	\$19,686.00 \$47,200.00	\$53.00 \$420.00	\$20,458.00 \$49,560.00
34		Service Connection Rehabilitation	ψ-100.00	ψ-11,200.00	Ψ-120.00	
34a	4	Cutting of protruding service connections, per service	\$275.00	\$1,100.00	\$380.00	\$1,520.00
35 35a	143	Sewer Manhole Rehabilitation Cementitious lining of manholes, per vertical foot	\$225.00	\$32,175.00	\$220.00	\$31,460.00
35b	1	Grout and patch manhole to stop leaks, per manhole	\$900.00	\$900.00	\$1,600.00	
36 36a	1	Construction Zone Safety Plan Construction Zone Safety Plan, lump sum	\$2,500.00	\$2,500.00	\$7,500.00	\$7,500.00
36a 37	'	Mobilization	φ2,500.00	φ2,500.00	φι,500.00	φι,500.00
37a	1	Mobilization, lump sum (not more than 5% of Items 26 to 36)	\$15,100.00		\$10,000.00	
		TOTAL BID ALTERNATE 2		\$376,197.63		\$399,857.11



	Umbro & Sons Constru Boston, MA			N&M Excavating Brewster, MA		
	CONT.			1		T -
ITEM NO.	QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
38		BID ALTERNATE 3				
		Sewers Complete in Place				
38a	37	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,000.00	\$37,000.00	\$2,400.00	\$88,800.00
38b	29	12-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$600.00	\$17,400.00	\$1,000.00	\$29,000.00
39		Building Connection Systems				
39a	1	8x6 inch wye for PVC pipe, not specifically included in mainline pipe replacements, per wye	\$40,000.00	\$40,000.00	\$22,000.00	\$22,000.00
40		Sewer Manholes and Appurtenances				
40a	1	Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$22,900.00	\$22,900.00	\$20,000.00	\$20,000.00
40b	9	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot	\$100.00	\$900.00	\$0.01	\$0.09
41 41a	6	Removal and Disposal of Asbestos Cement Pipe Removal and disposal of asbestos cement pipe, per linear foot	\$100.00	\$600.00	\$0.01	\$0.06
42	· ·	Tree Removal	φ100.00	φοσ.σσ	φ0.01	φ0.00
42a	1	Pre-Excavation Tree and Stump Removal, where excavation is less than 5 feet from tree trunk, per	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
43		tree Additional Earthwork				
43a	10	Earth excavation and backfill above normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
43b		Earth excavation and backfill below normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
43c	-	Rock excavation and disposal, per cubic yard (minimum)	\$60.00	\$600.00	\$60.00	\$600.00
43d		Rock excavation and disposal, per cubic yard (additional)	\$0.01	\$0.10	\$0.01	\$0.10
43e		Test pits, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
43f	10	Additional crushed stone, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
43g	10	Additional gravel, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
44		Pavement Replacement		·		
44a	39	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$130.00	\$5,070.00	\$0.01	\$0.39
44b	45	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$130.00	\$5,850.00	\$100.00	\$4,500.00
44c	5	Additional pavement, per ton	\$150.00	\$750.00	\$0.01	\$0.05
44d	1	Pavement markings, lump sum	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00
45		Water and Drain Reconstruction				
45a	2	Water and drain reconstruction within sewer trench limits, each	\$0.01	\$0.02	\$2,000.00	\$4,000.00
46		Sewer Line Chemical Root Treatment				
46a	363	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot	\$3.50	\$1,270.50	\$4.00	\$1,452.00
47		Structural Cured-in-Place Pipe				
47a	1,190	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$39.00	\$46,410.00	\$43.00	\$51,170.00
47b	637	Structural Cured-in-place pipe for 10-inch sewers, per linear foot	\$50.00	\$31,850.00	\$53.00	\$33,761.00
47c		Structural Cured-in-place pipe for 12-inch sewers, per linear foot	\$47.00	\$19,505.00	\$53.00	\$21,995.00
47d	60	Grout reinstated service connections, per service	\$400.00	\$24,000.00	\$420.00	\$25,200.00
48		Service Connection Rehabilitation				
48a	1	Cutting of protruding service connections, per service	\$275.00	\$275.00	\$380.00	\$380.00
49		Sewer Manhole Rehabilitation				
49a		Cementitious lining of manholes, per vertical foot	\$225.00	\$32,175.00	\$220.00	
49b		Grout and patch manhole to stop leaks, per manhole	\$900.00	\$900.00	\$1,600.00	\$1,600.00
49c 50	1	Build manhole bench and invert in manhole S2-2734 on Illinois Avenue Heavy Cleaning and Inspection of Sewers	\$4,000.00	\$4,000.00	\$1,600.00	\$1,600.00
50a	356	Heavy cleaning and television inspection of 8-inch to 12-inch diameter sewers, per linear foot	\$9.00	\$3,204.00	\$6.00	\$2,136.00
50b			\$50.00	\$5,204.00 \$500.00	\$220.00	\$2,130.00
50b 51	10	Debris disposal, per ton Construction Zone Safety Plan	φ30.00	დაიი.00	φ220.00	φ2,200.00
51 51a	1	Construction Zone Safety Plan, lump sum	\$2,000.00	\$2,000.00	\$7,500.00	\$7,500.00
51a 52	'	Mobilization	φ2,000.00	φ2,000.00	φ1,500.00	φ1,500.00
52 52a	1		\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
o∠a	'	Mobilization, lump sum (not more than 5% of Items 38 to 51) TOTAL BID ALTERNATE 3	φ15,000.00	\$15,000.00 \$315,160.12	φ10,000.00	\$10,000.00 \$366,355.19
	TOTAL BASE BID			\$2,473,331.80		\$2,787,859.51
		TOTAL BASE BID PLUS BID ALTERNATE 1		\$2,701,623.27		\$3,065,373.27
		TOTAL BASE BID PLUS BID ALTERNATE 1 TOTAL BASE BID PLUS BID ALTERNATE 1 AND 2		\$3,077,820.90		\$3,465,230.38
		TOTAL BASE BID PLUS BID ALTERNATE 1, 2 AND 3		\$3,392,981.02		\$3,831,585.57

^{*} Corrected calculation error

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IFB 25-55 - 2025 Sewer Rehabilitations

BID DATE: April 24, 2025



			N. Granese and Sons, Inc. Salem, MA		Albanese D&S, Inc. Dracut, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1		BASE BID Sewers Complete in Place				
1a	157	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$2,000.00	\$314,000.00	\$1,500.00	\$235,500.00
1b	363	8-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$1,100.00	\$399,300.00	\$1,500.00	\$544,500.00
1c	21	12-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$2,500.00	\$52,500.00	\$1,500.00	\$31,500.00
1d	70	12-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$950.00	\$66,500.00	\$1,500.00	\$105,000.00
1e	10	15-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$3,450.00	\$34,500.00	\$1,500.00	\$15,000.00
1f	623	24-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$1,100.00	\$685,300.00	\$1,000.00	\$623,000.00
1g 2	20	6-inch PVC sewer service chimneys, per vertical foot Sewer Manholes and Appurtenances	\$100.00	\$2,000.00	\$250.00	\$5,000.00
2a	4	Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$35,000.00	\$140,000.00	\$25,000.00	\$100,000.00
2b 3	32	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot Removal and Disposal of Asbestos Cement Pipe	\$100.00	\$3,200.00	\$1,000.00	\$32,000.00
3a 4	36	Removal and disposal of asbestos cement pipe, per linear foot Tree Removal	\$40.00	\$1,440.00	\$250.00	\$9,000.00
4a	7	Pre-Excavation Tree and Stump Removal, where excavation is less than 5 feet from tree trunk, per tree	\$2,500.00	\$17,500.00	\$3,000.00	\$21,000.00
4b	2	Post-Excavation Tree and Stump Removal, where excavation is greater than or equal to 5 feet from tree trunk, per tree	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
5 5a	100	Additional Earthwork Earth excavation and backfill above normal grade, per cubic yard	\$60.00	\$6,000.00	\$50.00	\$5,000.00
5b	100	Earth excavation and backfill below normal grade, per cubic yard	\$60.00	\$6,000.00	\$50.00	\$5,000.00
5c	100	Disposal of Group A material from within Disposal Site Boundary, per ton	\$110.00	\$11,000.00	\$100.00	\$10,000.00
5d	50	Rock excavation and disposal, per cubic yard (minimum)	\$60.00	\$3,000.00	\$60.00	\$3,000.00
5e	50	Rock excavation and disposal, per cubic yard (additional)	\$0.01	\$0.50	\$240.00	\$12,000.00 \$20,000.00
5f 5g	100 100	Test pits, per cubic yard Additional crushed stone, per cubic yard	\$0.01 \$0.01	\$1.00 \$1.00	\$200.00 \$0.01	\$20,000.00 \$1.00
5g 5h		Additional gravel, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
6		Special Dewatering within Disposal Site Boundary	****	*	*****	*****
6a 7	1	Special Dewatering within Disposal Site Boundary, lump sum Pavement and Sidewalk Replacement	\$5,000.00	\$5,000.00	\$1.00	\$1.00
7a	893	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$230.00	\$205,390.00	\$90.00	\$80,370.00
7b	925	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$40.00	\$37,000.00	\$90.00	\$83,250.00
7c	25	Additional pavement, per ton	\$140.00	\$3,500.00	\$300.00	\$7,500.00
7d	1	Pavement markings, lump sum	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
7e 7f	501 461	Temporary hot mix asphalt sidewalk, per linear foot	\$100.00 \$150.00	\$50,100.00	\$100.00	\$50,100.00
8	401	Permanent concrete sidewalk, per linear foot Water and Drain Reconstruction	\$150.00	\$69,150.00	\$200.00	\$92,200.00
8a 9	11	Water and drain reconstruction within sewer trench limits, each Sewer Line Chemical Root Treatment	\$5,000.00	\$55,000.00	\$1,000.00	\$11,000.00
9a 10	3,028	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot Structural Cured-in-Place Pipe	\$4.00	\$12,112.00	\$3.50	\$10,598.00
10a	7,964	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$38.00	\$302,632.00	\$38.00	\$302,632.00
10b	326	Structural Cured-in-place pipe for 10-inch sewers, per linear foot	\$46.00	\$14,996.00	\$46.00	\$14,996.00
10c			\$64.00	\$160,064.00	\$63.00	
10d 10e		Structural Cured-in-place pipe for 15-inch sewers, per linear foot Grout reinstated service connections, per service	\$67.00 \$440.00	\$77,318.00 \$70,400.00		\$77,318.00 \$70,400.00
11	100	Service Connection Rehabilitation	φ440.00	\$70,400.00	φ440.00	\$70,400.00
11a 12	18	Cutting of protruding service connections, per service Sewer Manhole Rehabilitation	\$250.00	\$4,500.00	\$280.00	\$5,040.00
12a	552	Cementitious lining of manholes, per vertical foot	\$230.00	\$126,960.00	\$230.00	\$126,960.00
12b	6	Grout and patch manhole to stop leaks, per manhole	\$850.00	\$5,100.00	\$930.00	\$5,580.00
12c 13	11	Furnish and install manhole frame and cover, per frame and cover Heavy Cleaning and Inspection of Sewers	\$3,000.00	\$33,000.00	\$1,500.00	\$16,500.00
13a	1,023	Heavy cleaning and television inspection of 8-inch to 12-inch diameter sewers, per linear foot	\$9.00	\$9,207.00	\$9.00	\$9,207.00
13b	821	Heavy cleaning and television inspection of 15-inch to 18-inch diameter sewers, per linear foot	\$11.00	\$9,031.00	\$11.00	\$9,031.00
13c	213	Heavy cleaning and television inspection of 21-inch diameter sewers, per linear foot	\$11.00	\$2,343.00	\$12.00	\$2,556.00
13d	15	Debris disposal, per ton	\$200.00	\$3,000.00	\$250.00	\$3,750.00
14 14a 15	1	Construction Zone Safety Plan Construction Zone Safety Plan, lump sum Mobilization	\$150,000.00	\$150,000.00	\$384,000.00	\$384,000.00
15a	1	Mobilization, lump sum (not more than 5% of Items 1 to 14) TOTAL BASE BID	\$140,000.00	\$140,000.00 \$3,298,046.50	\$150,000.00	\$150,000.00 \$3,457,054.00



			N. Granese and Sons, Inc. Salem, MA		Albanese D&S, Inc. Dracut, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
		BID ALTERNATE 1				
16		Sewers Complete in Place				
16a		8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$2,000.00	\$44,000.00	\$1,500.00	\$33,000.00
16b	8	10-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot 10-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear	\$2,500.00	\$20,000.00	\$1,500.00	\$12,000.00
16c	39	foot	\$1,000.00	\$39,000.00	\$1,500.00	\$58,500.00
17 17a	25	Additional Earthwork Earth excavation and backfill above normal grade, per cubic yard	\$60.00	\$1,500.00	\$50.00	\$1,250.00
17b	25	Earth excavation and backfill below normal grade, per cubic yard	\$60.00 \$0.01	\$1,500.00	\$50.00	\$1,250.00
17c 17d	15 15	Test pits, per cubic yard Additional crushed stone, per cubic yard	\$0.01	\$0.15 \$1.50	\$200.00 \$0.01	\$3,000.00 \$0.15
17e 18	15	Additional gravel, per cubic yard Pavement Replacement	\$70.00	\$1,050.00	\$0.01	\$0.15
18a	76	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$140.00	\$10,640.00	\$90.00	\$6,840.00
18b	84	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$40.00	\$3,360.00	\$90.00	\$7,560.00
18c	5	Additional pavement, per ton	\$140.00	\$700.00	\$300.00	\$1,500.00
19 19a	2	Water and Drain Reconstruction Water and drain reconstruction within sewer trench limits, each	\$2,500.00	\$5,000.00	\$1,000.00	\$2,000.00
20	040	Sewer Line Chemical Root Treatment	0.4.00	* 4.050.00		04.005.50
20a 21	313	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot Structural Cured-in-Place Pipe	\$4.00	\$1,252.00	\$3.50	\$1,095.50
21a 21b	1,253 397	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$40.00 \$70.00	\$50,120.00 \$27,790.00	\$38.00 \$72.00	
21b	240	Structural Cured-in-place pipe for 10-inch sewers, per linear foot Structural Cured-in-place pipe for 15-inch storm sewers, per linear foot	\$80.00	\$19,200.00	\$72.00 \$81.00	\$19,440.00
21d 22	75	Grout reinstated service connections, per service Service Connection Rehabilitation	\$400.00	\$30,000.00	\$440.00	\$33,000.00
22a	6	Cutting of protruding service connections, per service	\$250.00	\$1,500.00	\$280.00	\$1,680.00
23 23a	41	Sewer Manhole Rehabilitation Cementitious lining of manholes, per vertical foot	\$300.00	\$12,300.00	\$230.00	\$9,430.00
23b		Grout and patch manhole to stop leaks, per manhole	\$850.00	\$850.00	\$930.00	
24 24a	1	Construction Zone Safety Plan Construction Zone Safety Plan, lump sum	\$20,000.00	\$20,000.00	\$83,000.00	\$83,000.00
25		Mobilization				
25a	1	Mobilization, lump sum (not more than 5% of Items 16 to 24) TOTAL BID ALTERNATE 1	\$10,000.00	\$10,000.00 \$299,763.65	\$15,000.00	\$15,000.00 \$366,673.80
26		BID ALTERNATE 2 Sewers Complete in Place				
26a	30	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$2,000.00	\$60,000.00	\$2,500.00	\$75,000.00
27		Building Connection Systems				
27a	1	8x6 inch wye for PVC pipe, not specifically included in mainline pipe replacements, per wye	\$18,000.00	\$18,000.00	\$2,500.00	\$2,500.00
28		Sewer Manholes and Appurtenances				
28a		Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$35,000.00	\$35,000.00	\$30,000.00	
28b 29	10	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot Additional Earthwork	\$100.00	\$1,000.00	\$1,000.00	\$10,000.00
29a	10	Earth excavation and backfill above normal grade, per cubic yard	\$60.00	\$600.00	\$50.00	\$500.00
29b 29c		Earth excavation and backfill below normal grade, per cubic yard Rock excavation and disposal, per cubic yard (minimum)	\$60.00 \$60.00	\$600.00 \$600.00	\$50.00 \$60.00	\$500.00 \$600.00
29d	10	Rock excavation and disposal, per cubic yard (additional)	\$0.01	\$0.10	\$240.00	
29e 29f	10 10	Test pits, per cubic yard Additional crushed stone, per cubic yard	\$0.01 \$0.01	\$0.10 \$0.10	\$200.00 \$0.01	\$2,000.00 \$0.10
29g 30	10	Additional gravel, per cubic yard Pavement Replacement	\$0.01	\$0.10	\$0.01	\$0.10
30a	36	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$210.00	\$7,560.00	\$90.00	\$3,240.00
30b	42	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$40.00	\$1,680.00	\$90.00	\$3,780.00
30c	5	Additional pavement, per ton	\$180.00	\$900.00	\$300.00	
30d 31	1	Pavement markings, lump sum Water and Drain Reconstruction	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
31a	3	Water and drain reconstruction within sewer trench limits, each	\$2,500.00	\$7,500.00	\$1,000.00	\$3,000.00
32 32a	284	Sewer Line Chemical Root Treatment Chemical root treatment of 8-inch to 12-inch sewers, per linear foot	\$4.00	\$1,136.00	\$3.50	\$994.00
33		Structural Cured-in-Place Pipe				
33a 33b	3,554 386	Structural Cured-in-place pipe for 8-inch sewers, per linear foot Structural Cured-in-place pipe for 12-inch sewers, per linear foot	\$44.00 \$60.00	\$156,376.00 \$23,160.00	\$42.00 \$57.00	\$22,002.00
33c 34	118	Grout reinstated service connections, per service Service Connection Rehabilitation	\$460.00	\$54,280.00	\$440.00	\$51,920.00
34a	4	Cutting of protruding service connections, per service	\$300.00	\$1,200.00	\$280.00	\$1,120.00
35 35a	143	Sewer Manhole Rehabilitation Cementitious lining of manholes, per vertical foot	\$240.00	\$34,320.00	\$230.00	\$32,890.00
35b		Grout and patch manhole to stop leaks, per manhole	\$1,000.00	\$1,000.00	\$930.00	
36 36a	1	Construction Zone Safety Plan Construction Zone Safety Plan, lump sum	\$15,000.00	\$15,000.00	\$80,000.00	\$80,000.00
37		Mobilization				
37a	1	Mobilization, lump sum (not more than 5% of Items 26 to 36) TOTAL BID ALTERNATE 2	\$20,000.00	\$20,000.00 \$441,912.40	\$23,000.00	\$23,000.00 \$499,644.20



			N. Granese and Sons, Inc. Salem, MA		Albanese D&S, Inc. Dracut, MA	
ITEM NO.	CONT.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
	QUAN.	BID ALTERNATE 3				
38		Sewers Complete in Place				
38a	37	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,700.00	\$62,900.00	\$1,500.00	\$55,500.00
38b	29	12-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$1,700.00	\$49,300.00	\$1,500.00	\$43,500.00
39		Building Connection Systems				
39a	1	8x6 inch wye for PVC pipe, not specifically included in mainline pipe replacements, per wye	\$15,000.00	\$15,000.00	\$2,500.00	\$2,500.00
40		Sewer Manholes and Appurtenances				
40a		Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$30,000.00	\$30,000.00	\$25,000.00	
40b 41	9	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot Removal and Disposal of Asbestos Cement Pipe	\$100.00	\$900.00	\$1,000.00	\$9,000.00
41a 42	6	Removal and disposal of asbestos cement pipe, per linear foot Tree Removal	\$30.00	\$180.00	\$200.00	\$1,200.00
42a		Pre-Excavation Tree and Stump Removal, where excavation is less than 5 feet from tree trunk, per	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00
43	•	tree Additional Earthwork	Ψ2,000.00	Ψ2,000.00	ψο,σσσ.σσ	ψο,σσσ.σσ
43a	10	Earth excavation and backfill above normal grade, per cubic yard	\$60.00	\$600.00	\$50.00	\$500.00
43b		Earth excavation and backfill below normal grade, per cubic yard	\$60.00		\$50.00	
43c		Rock excavation and disposal, per cubic yard (minimum)	\$60.00		\$60.00	
43d		Rock excavation and disposal, per cubic yard (additional)	\$0.01	\$0.10	\$240.00	
43e		Test pits, per cubic yard	\$0.01	\$0.10	\$200.00	
43f		Additional crushed stone, per cubic yard	\$0.01 \$0.01	\$0.10 \$0.10	\$0.01 \$0.01	\$0.10 \$0.10
43g	10	Additional gravel, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
44 44a	39	Pavement Replacement Permanent binder course trench width pavement (6-inches thick), per linear foot	\$300.00	\$11,700.00	\$90.00	\$3,510.00
44b	45	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$40.00	\$1,800.00	\$90.00	\$4,050.00
44c		Additional pavement, per ton	\$140.00	\$700.00	\$300.00	
44d	1	Pavement markings, lump sum	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
45		Water and Drain Reconstruction				
45a	2	Water and drain reconstruction within sewer trench limits, each	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00
46		Sewer Line Chemical Root Treatment				
46a 47	363	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot	\$4.00	\$1,452.00	\$3.50	\$1,270.50
47 47a	1 100	Structural Cured-in-Place Pipe Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$45.60	\$54,264.00	\$44.00	\$52,360.00
47a 47b		Structural Cured-in-place pipe for 10-inch sewers, per linear foot	\$58.80	\$34,264.00 \$37.455.60	\$44.00 \$56.00	
47b		Structural Cured-in-place pipe for 12-inch sewers, per linear foot	\$55.20	, , , , , , , ,	\$56.00 \$56.00	
47d		Grout reinstated service connections, per service	\$462.00		\$440.00	
48		Service Connection Rehabilitation	****	* ,	*******	,,
48a 49	1	Cutting of protruding service connections, per service Sewer Manhole Rehabilitation	\$300.00	\$300.00	\$280.00	\$280.00
49a	1/13	Cementitious lining of manholes, per vertical foot	\$240.00	\$34,320.00	\$430.00	\$61,490.00
49a 49b		Grout and patch manhole to stop leaks, per manhole	\$240.00 \$978.00		\$430.00 \$930.00	
49b 49c		Build manhole bench and invert in manhole S2-2734 on Illinois Avenue	\$3,000.00		\$3,000.00	
50		Heavy Cleaning and Inspection of Sewers	ψο,σσσ.σσ	ψο,σσσ.σσ	ψο,σσσ.σσ	ψο,σσσ.σσ
50a	356	Heavy cleaning and television inspection of 8-inch to 12-inch diameter sewers, per linear foot	\$9.60		\$9.00	
50b 51	10	Debris disposal, per ton Construction Zone Safety Plan	\$200.00	\$2,000.00	\$250.00	\$2,500.00
51a 52	1	Construction Zone Safety Plan, lump sum Mobilization	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
52 52a	1	Mobilization, lump sum (not more than 5% of Items 38 to 51)	\$5,000.00		\$15,000.00	
		TOTAL BID ALTERNATE 3		\$384,595.60		\$404,606.70
	TOTAL BASE BID			\$3,298,046.50		\$3,457,054.00
	TOTAL BASE BID PLUS BID ALTERNATE 1			\$3,597,810.15		\$3,823,727.80
	TOTAL BASE BID PLUS BID ALTERNATE 1 AND 2			\$4,039,722.55		\$4,323,372.00
		TOTAL BASE BID PLUS BID ALTERNATE 1, 2 AND 3		\$4,424,318.15		\$4,727,978.70

^{*} Corrected calculation error

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			GVC Construction, Inc. Lunenburg, MA		D'Allessandro Corp. West Bridgewater, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1		BASE BID Sewers Complete in Place				
1a	157	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,775.00	\$278,675.00	\$2,000.00	\$314,000.00
1b	363	8-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$1,975.00	\$716,925.00	\$1,600.00	\$580,800.00
1c	21	12-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$2,775.00	\$58,275.00	\$2,500.00	\$52,500.00
1d	70	12-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear	\$1,975.00	\$138,250.00	\$850.00	\$59,500.00
1e	10	foot 15-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,975.00	\$19,750.00	\$900.00	\$9,000.00
		24-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear				
1f	623	foot	\$725.00	\$451,675.00	\$660.00	\$411,180.00
1g 2	20	6-inch PVC sewer service chimneys, per vertical foot Sewer Manholes and Appurtenances	\$0.01	\$0.20	\$100.00	\$2,000.00
2a	4	Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$11,500.00	\$46,000.00	\$25,000.00	\$100,000.00
2b 3	32	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot Removal and Disposal of Asbestos Cement Pipe	\$275.00	\$8,800.00	\$500.00	\$16,000.00
3a 4	36	Removal and disposal of asbestos cement pipe, per linear foot Tree Removal	\$200.00	\$7,200.00	\$350.00	\$12,600.00
4a	7	Pre-Excavation Tree and Stump Removal, where excavation is less than 5 feet from tree trunk, per tree	\$250.00	\$1,750.00	\$1,500.00	\$10,500.00
4b	2	Post-Excavation Tree and Stump Removal, where excavation is greater than or equal to 5 feet from tree trunk, per tree	\$250.00	\$500.00	\$1,500.00	\$3,000.00
5	400	Additional Earthwork	20.04	24.00		40,000,00
5a 5b	100	Earth excavation and backfill above normal grade, per cubic yard Earth excavation and backfill below normal grade, per cubic yard	\$0.01 \$0.01	\$1.00 \$1.00	\$30.00 \$0.01	\$3,000.00 \$1.00
5c	100	Disposal of Group A material from within Disposal Site Boundary, per ton	\$150.00	\$15,000.00	\$190.00	\$19,000.00
5d	50	Rock excavation and disposal, per cubic yard (minimum)	\$60.00	\$3,000.00	\$60.00	\$3,000.00
5e	50	Rock excavation and disposal, per cubic yard (additional)	\$215.00	\$10,750.00	\$0.01	\$0.50
5f	100	Test pits, per cubic yard	\$100.00	\$10,000.00 *	\$0.01	\$1.00
5g	100	Additional crushed stone, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
5h	100	Additional gravel, per cubic yard	\$0.01	\$1.00	\$0.01	\$1.00
6 6a 7	1	Special Dewatering within Disposal Site Boundary Special Dewatering within Disposal Site Boundary, lump sum Pavement and Sidewalk Replacement	\$100,000.00	\$100,000.00	\$0.01	\$0.01
7a	893	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$72.00	\$64,296.00	\$150.00	\$133,950.00
7b	925	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$48.00	\$44,400.00	\$80.00	\$74,000.00
7c	25	Additional pavement, per ton	\$300.00	\$7,500.00	\$0.01	\$0.25
7d	1	Pavement markings, lump sum	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
7e	501	Temporary hot mix asphalt sidewalk, per linear foot	\$66.51	\$33,321.51	\$15.00	\$7,515.00
7f 8	461	Permanent concrete sidewalk, per linear foot	\$323.66	\$149,207.26	\$200.00	\$92,200.00
8a 9	11	Water and Drain Reconstruction Water and drain reconstruction within sewer trench limits, each Sewer Line Chemical Root Treatment	\$5,750.00	\$63,250.00	\$0.01	\$0.11
9a 10	3,028	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot Structural Cured-in-Place Pipe	\$3.00	\$9,084.00	\$3.00	\$9,084.00
10a	7,964	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$41.00	\$326,524.00	\$42.00	\$334,488.00
10b	326	Structural Cured-in-place pipe for 10-inch sewers, per linear foot	\$50.00	\$16,300.00	\$45.00	\$14,670.00
10c	2,501	Structural Cured-in-place pipe for 12-inch sewers, per linear foot	\$68.00	\$170,068.00	\$60.00	\$150,060.00
10d	1,154		\$72.00	\$83,088.00	\$62.00	\$71,548.00
10e	160	Grout reinstated service connections, per service	\$478.00	\$76,480.00	\$400.00	\$64,000.00
11	10	Service Connection Rehabilitation	0040.00	ØF 500 00	0075.00	04.050.00
11a 12	18	Cutting of protruding service connections, per service	\$310.00	\$5,580.00	\$275.00	\$4,950.00
12 12a	552	Sewer Manhole Rehabilitation Cementitious lining of manholes, per vertical foot	\$248.00	\$136,896.00	\$220.00	\$121,440.00
12a 12b	6	Grout and patch manhole to stop leaks, per manhole	\$1,010.00	\$6,060.00	\$220.00 \$850.00	\$5,100.00
12c	11	Furnish and install manhole frame and cover, per frame and cover	\$3,475.00	\$38,225.00	\$1,800.00	\$19,800.00
13		Heavy Cleaning and Inspection of Sewers				
13a	1,023	Heavy cleaning and television inspection of 8-inch to 12-inch diameter sewers, per linear foot	\$9.50	\$9,718.50	\$10.00	\$10,230.00
13b	821	Heavy cleaning and television inspection of 15-inch to 18-inch diameter sewers, per linear foot	\$12.50	\$10,262.50	\$12.00	\$9,852.00
13c	213	Heavy cleaning and television inspection of 21-inch diameter sewers, per linear foot	\$15.25	\$3,248.25	\$12.00	\$2,556.00
13d	15	Debris disposal, per ton	\$400.00	\$6,000.00	\$50.00	\$750.00
14 14a	1	Construction Zone Safety Plan Construction Zone Safety Plan, lump sum	\$265,000.00	\$265,000.00	\$50,000.00	\$50,000.00
15 15a	1	Mobilization Mobilization, lump sum (not more than 5% of Items 1 to 14)	\$75,000.00	\$75,000.00	\$100,000.00	\$100,000.00
	1	TOTAL BASE BID		\$3,481,063.22 *	l	\$2,877,277.87



			GVC Construction, Inc. Lunenburg, MA		D'Allessandro Corp. West Bridgewater, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
	Q07.11.	BID ALTERNATE 1				
16		Sewers Complete in Place				
16a	22	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,775.00	\$39,050.00	\$1,700.00	\$37,400.00
16b	8	10-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,975.00	\$15,800.00	\$1,700.00	\$13,600.00
16c	39	10-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$1,975.00	\$77,025.00	\$2,000.00	\$78,000.00
17		Additional Earthwork				
17a 17b	25 25	Earth excavation and backfill above normal grade, per cubic yard Earth excavation and backfill below normal grade, per cubic yard	\$0.01 \$0.01	\$0.25 \$0.25	\$0.01 \$0.01	\$0.25 \$0.25
17c	15	Test pits, per cubic yard	\$125.00	\$1,875.00	\$0.01	\$0.15
17d 17e	15 15	Additional crushed stone, per cubic yard Additional gravel, per cubic yard	\$0.01 \$0.01	\$0.15 \$0.15	\$0.01 \$0.01	\$0.15 \$0.15
18		Pavement Replacement				
18a	76	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$72.00	\$5,472.00	\$150.00	\$11,400.00
18b	84	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$48.00	\$4,032.00	\$80.00	\$6,720.00
18c 19	5	Additional pavement, per ton Water and Drain Reconstruction	\$300.00	\$1,500.00	\$0.01	\$0.05
19a	2	Water and drain reconstruction within sewer trench limits, each	\$5,750.00	\$11,500.00	\$0.01	\$0.02
20 20a	313	Sewer Line Chemical Root Treatment Chemical root treatment of 8-inch to 12-inch sewers, per linear foot	\$3.00	\$939.00	\$3.00	\$939.00
21		Structural Cured-in-Place Pipe	ψ3.00	ψ333.00	ψ5.00	ψ333.00
21a 21b	1,253 397	Structural Cured-in-place pipe for 8-inch sewers, per linear foot Structural Cured-in-place pipe for 10-inch sewers, per linear foot	\$41.00 \$78.00	\$51,373.00 \$30,966.00	\$40.00 \$65.00	\$50,120.00 \$25,805.00
21c	240	Structural Cured-in-place pipe for 15-inch storm sewers, per linear foot	\$88.00	\$21,120.00	\$75.00 \$75.00	\$18,000.00
21d 22	75	Grout reinstated service connections, per service Service Connection Rehabilitation	\$478.00	\$35,850.00	\$400.00	\$30,000.00
22a	6	Cutting of protruding service connections, per service	\$310.00	\$1,860.00	\$275.00	\$1,650.00
23	44	Sewer Manhole Rehabilitation	\$248.00	040,400,00	#000 00	#0.000.00
23a 23b	41 1	Cementitious lining of manholes, per vertical foot Grout and patch manhole to stop leaks, per manhole	\$248.00 \$1,010.00	\$10,168.00 \$1,010.00	\$220.00 \$850.00	\$9,020.00 \$850.00
24		Construction Zone Safety Plan	240 750 00	040 750 00	040,000,00	040,000,00
24a 25	1	Construction Zone Safety Plan, lump sum Mobilization	\$46,750.00	\$46,750.00	\$10,000.00	\$10,000.00
25a	1	Mobilization, lump sum (not more than 5% of Items 16 to 24)	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
		TOTAL BID ALTERNATE 1 BID ALTERNATE 2		\$371,290.80		\$303,505.02
26		Sewers Complete in Place				
26a	30	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,775.00	\$53,250.00	\$3,000.00	\$90,000.00
27		Building Connection Systems				
27a	1	8x6 inch wye for PVC pipe, not specifically included in mainline pipe replacements, per wye	\$17,775.00	\$17,775.00	\$15,000.00	\$15,000.00
28		Sewer Manholes and Appurtenances				
28a	1	Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$11,500.00	\$11,500.00	\$25,000.00	\$25,000.00
28b	10	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot	\$275.00	\$2,750.00	\$500.00	\$5,000.00
29 29a	10	Additional Earthwork Earth excavation and backfill above normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
29b	10	Earth excavation and backfill below normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
29c 29d		Rock excavation and disposal, per cubic yard (minimum) Rock excavation and disposal, per cubic yard (additional)	\$60.00 \$215.00	\$600.00 \$2,150.00	\$60.00 \$0.01	\$600.00 \$0.10
29e	10	Test pits, per cubic yard	\$125.00	\$1,250.00	\$0.01	\$0.10
29f 29g	10 10	Additional crushed stone, per cubic yard Additional gravel, per cubic yard	\$0.01 \$0.01	\$0.10 \$0.10	\$0.01 \$0.01	\$0.10 \$0.10
30		Pavement Replacement				
30a			\$72.00	\$2,592.00	\$300.00	\$10,800.00
30b		Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$48.00	\$2,016.00	\$300.00	\$12,600.00
30c 30d	5 1	Additional pavement, per ton Pavement markings, lump sum	\$300.00 \$5,000.00	\$1,500.00 \$5,000.00	\$0.01 \$5,000.00	\$0.05 \$5,000.00
31		Water and Drain Reconstruction				
31a 32	3	Water and drain reconstruction within sewer trench limits, each Sewer Line Chemical Root Treatment	\$5,750.00	\$17,250.00	\$0.01	\$0.03
32a	284	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot	\$3.00	\$852.00	\$3.00	\$852.00
33 33a	3,554	Structural Cured-in-Place Pipe Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$46.00	\$163.484.00	\$45.00	\$159,930.00
33b	386	Structural Cured-in-place pipe for 12-inch sewers, per linear foot	\$62.00	\$23,932.00	\$55.00	\$21,230.00
33c 34	118	Grout reinstated service connections, per service Service Connection Rehabilitation	\$478.00	\$56,404.00	\$400.00	\$47,200.00
34a	4	Cutting of protruding service connections, per service	\$310.00	\$1,240.00	\$275.00	\$1,100.00
35 353	140	Sewer Manhole Rehabilitation	¢0.40.00	605 464 00	\$220.00	¢24.460.00
35a 35b	143	Cementitious lining of manholes, per vertical foot Grout and patch manhole to stop leaks, per manhole	\$248.00 \$1,010.00	\$35,464.00 \$1,010.00	\$220.00 \$850.00	\$31,460.00 \$850.00
36 363	_	Construction Zone Safety Plan Jump sum	\$20,000,00	\$20,000,00	£10,000,00	640,000,00
36a 37	1	Construction Zone Safety Plan, lump sum Mobilization	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
37a	1	Mobilization, lump sum (not more than 5% of Items 26 to 36)	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
	l	TOTAL BID ALTERNATE 2		\$440,019.40]	\$456,622.68



			GVC Construction, Inc. Lunenburg, MA		D'Allessandro Corp. West Bridgewater, MA	
ITEM NO.	CONT. QUAN.	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
		BID ALTERNATE 3				
38		Sewers Complete in Place				
38a	37	8-inch PVC sewers, where excavation length is less than 20 linear feet, per linear foot	\$1,775.00	\$65,675.00	\$2,000.00	\$74,000.00
38b	29	12-inch PVC sewers, where excavation length is greater than or equal to 20 linear feet, per linear foot	\$2,775.00	\$80,475.00	\$2,500.00	\$72,500.00
39		Building Connection Systems				
39a	1	8x6 inch wye for PVC pipe, not specifically included in mainline pipe replacements, per wye	\$17,775.00	\$17,775.00	\$15,000.00	\$15,000.00
40		Sewer Manholes and Appurtenances				
40a	1	Precast concrete manhole base with standard frame and cover, 4.0 ft. diameter, per manhole	\$11,500.00	\$11,500.00	\$25,000.00	\$25,000.00
40b	9	Precast concrete manhole walls and cones, 4.0 ft. diameter, per vertical foot	\$275.00	\$2,475.00	\$500.00	\$4,500.00
41	6	Removal and Disposal of Asbestos Cement Pipe	¢200.00	¢1 200 00	\$250.00	\$2,100,00
41a 42	6	Removal and disposal of asbestos cement pipe, per linear foot Tree Removal	\$200.00	\$1,200.00	\$350.00	\$2,100.00
42a	1	Pre-Excavation Tree and Stump Removal, where excavation is less than 5 feet from tree trunk, per tree	\$250.00	\$250.00	\$1,500.00	\$1,500.00
43		Additional Earthwork				
43a	10	Earth excavation and backfill above normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
43b		Earth excavation and backfill below normal grade, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
43c 43d	10 10	Rock excavation and disposal, per cubic yard (minimum)	\$60.00	\$600.00	\$60.00 \$0.01	
430 43e	10	Rock excavation and disposal, per cubic yard (additional) Test pits, per cubic yard	\$215.00 \$125.00	\$2,150.00 \$1,250.00	\$0.01 \$0.01	\$0.10 \$0.10
436 43f		Additional crushed stone, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
43g		Additional gravel, per cubic yard	\$0.01	\$0.10	\$0.01	\$0.10
44		Pavement Replacement	Ψ0.0 .	40.10		\$0.10
44a	39	Permanent binder course trench width pavement (6-inches thick), per linear foot	\$72.00	\$2,808.00	\$150.00	\$5,850.00
44b	45	Permanent top course pavement (2-inches thick) including cold planing, per linear foot	\$48.00	\$2,160.00	\$80.00	\$3,600.00
44c	5	Additional pavement, per ton	\$300.00	\$1,500.00	\$0.01	\$0.05
44d	1	Pavement markings, lump sum	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
45		Water and Drain Reconstruction				
45a	2	Water and drain reconstruction within sewer trench limits, each	\$5,750.00	\$11,500.00	\$0.01	\$0.02
46	000	Sewer Line Chemical Root Treatment	#0.00	£4.000.00	60.00	#4 000 00
46a 47	363	Chemical root treatment of 8-inch to 12-inch sewers, per linear foot Structural Cured-in-Place Pipe	\$3.00	\$1,089.00	\$3.00	\$1,089.00
47a	1,190	Structural Cured-in-place pipe for 8-inch sewers, per linear foot	\$48.00	\$57,120.00	\$40.00	\$47,600.00
47b		Structural Cured-in-place pipe for 10-inch sewers, per linear foot Structural Cured-in-place pipe for 10-inch sewers, per linear foot	\$48.00 \$61.00	\$38,857.00	\$55.00	
47c		Structural Cured-in-place pipe for 12-inch sewers, per linear foot	\$58.00	\$24,070.00	\$55.00 \$55.00	
47d		Grout reinstated service connections, per service	\$478.00	\$28,680.00	\$400.00	
48		Service Connection Rehabilitation	Ţ 0.00	,	1	Ţ_ :,;;30:00
48a	1	Cutting of protruding service connections, per service	\$310.00	\$310.00	\$275.00	\$275.00
49		Sewer Manhole Rehabilitation				1
49a	143	Cementitious lining of manholes, per vertical foot	\$248.00	\$35,464.00	\$220.00	
49b	1	Grout and patch manhole to stop leaks, per manhole	\$1,010.00	\$1,010.00	\$850.00	
49c	1	Build manhole bench and invert in manhole S2-2734 on Illinois Avenue	\$2,675.00	\$2,675.00	\$2,500.00	\$2,500.00
50		Heavy Cleaning and Inspection of Sewers				
50a	356	Heavy cleaning and television inspection of 8-inch to 12-inch diameter sewers, per linear foot	\$9.50	\$3,382.00	\$10.00	\$3,560.00
50b	10	Debris disposal, per ton	\$400.00	\$4,000.00	\$50.00	\$500.00
51 51a	1	Construction Zone Safety Plan Construction Zone Safety Plan, lump sum	\$30,250.00	\$30,250.00	\$15,000.00	\$15,000.00
52		Mobilization				
52a	1	Mobilization, lump sum (not more than 5% of Items 38 to 51)	\$15,000.00	\$15,000.00	\$18,000.00	
		TOTAL BID ALTERNATE 3		\$448,225.40		\$412,344.67
		TOTAL BASE BID		\$3,481,063.22 *		\$2,877,277.87
		TOTAL BASE BID PLUS BID ALTERNATE 1		\$3,852,354.02 *		\$3,180,782.89
		TOTAL BASE BID PLUS BID ALTERNATE 1 AND 2		\$4,292,373.42 *		\$3,637,405.57
	TOTAL BASE BID PLUS BID ALTERNATE 1, 2 AND 3			\$4,740,598.82 *		\$4,049,750.24

^{*} Corrected calculation error

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