

City of Beverly

16-024 Water System Improvements

COMPANY	BID-CERTIFICATION	BID PRICE	ADDENDUM 1	Bid Deposit
N. Granese & Sons Inc.	✓	2,061,607.20	✓	✓
Dewcon Inc.	✓	2,761,009.70	✓	✓
BIS 2KO Contracting Corp.	✓	2,592,400.75	✓	✓
J Fletcher & Creamer + Sons Inc	✓	4,018,062.00	✓	✓

Opening - April 27, 2016, I certify the above listing includes all price bids opened.

SIGNATURE 

UPDATED BID PRICING PAGES
THESE REPLACE THE BID PRICING PAGES IN THE ORIGINAL BID DOCUMENT

The undersigned proposes to perform the Work, furnish all materials, and complete the Work in its entirety in the manner and under the conditions required at the prices listed as follows:

Item #	Est. Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
1a	3,500	Cleaning, CCTV and lining of 6-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 56.00	Per linear foot	\$ 196,000.00
1b	500	Cleaning, CCTV and lining of 8-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 56.00	Per linear foot	\$ 28,000.00
1c	100	Cleaning, CCTV and lining of 10-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 56.00	Per linear foot	\$ 5,600.00
1d	15,500	Cleaning, CCTV and lining of 12-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 56.00	Per linear foot	\$ 868,000.00
1e	50	Cleaning, CCTV and lining of 14-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 56.00	Per linear foot	\$ 2,800.00
1f	50	Cleaning, CCTV and lining of 16-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 56.00	Per linear foot	\$ 2,800.00
1g	5	Additional cost to furnish and install 4 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,000.00	Each	\$ 5,000.00
1h	10	Additional cost to furnish and install 6 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,000.00	Each	\$ 10,000.00
1i	20	Additional cost to furnish and install 8 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 750.00	Each	\$ 15,000.00

lj	1	Additional cost to furnish and install 10 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 100.00	Each	\$ 100.00
lk	5	Additional cost to furnish and install 12 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,000.00	Each	\$ 5,000.00
ll	5	Additional cost to furnish and install 6 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 7,000.00	Each	\$ 35,000.00
lm	10	Additional cost to furnish and install 8 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,000.00	Each	\$ 10,000.00
ln	1	Additional cost to furnish and install 10 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,000.00	Each	\$ 1,000.00
lo	45	Additional cost to furnish and install 12 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 2,000.00	Each	\$ 90,000.00
2a	50	Install 1 in. corporation stops, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 100.00	Each	\$ 5,000.00
2b	50	Install 1 in. curb stops, including curb box, earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 100.00	Each	\$ 5,000.00
2c	1,250	Install 1 in. type K copper tubing and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 80.00	Per linear foot	\$ 100,000.00
2d	-	Removed	-	-	-
2e	100	Install 1-1/4 : 2 in. type K copper tubing, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 40.00	Per linear foot	\$ 4,000.00
2f	100	Install 4 in. DI service, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 50.00	Per linear foot	\$ 5,000.00

Item #	Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
3	100	Miscellaneous concrete and/or controlled density fill	\$ 150.00	Per cubic yard	\$ 15,000.00
4a	75	Rock excavation	\$.61	Per cubic yard	\$.75
4b	75	Boulder excavation	\$.01	Per cubic yard	\$.75
5a	300	Screened gravel for utility crossings and miscellaneous purposes	\$.01	Per cubic yard	\$ 3.00
5b	250	Common fill replacement of unsuitable backfill and miscellaneous purposes	\$.01	Per cubic yard	\$ 2.50
6	250	Excavation below normal grade, including backfill to return to normal grade	\$.01	Per cubic yard	\$ 2.50
7	15	Install new hydrant assemblies including: 6-in gate valve with box cover; 6-in restrained joint, cement-lined ductile iron water main; new hydrant, earth excavation and backfill; temporary pavement and permanent pavement.	\$ 12,500.00	Per cubic yard	\$ 187,500.00
8	20	Remove obstructions including: cutting existing Piping; refitting piping; replacing bends and fittings earth excavation and Backfill; bracing; temporary pavement and permanent pavement.	\$.01	Each	\$.20
9a	20	Relay 4-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 40.00	LF	\$ 800.00
9b	20	Relay 6-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 60.00	LF	\$ 1,200.00
9c	500	Relay 8-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 60.00	LF	\$ 30,000.00
9d	20	Relay 10-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 60.00	LF	\$ 1,200.00
9e	200	Relay 12-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 60.00	LF	\$ 12,000.00
10	1	All temporary service / by-pass	\$ 98,500.00	Lump Sum	\$ 98,500.00

The quantities listed in the proposal are estimates. The City of Beverly, therefore, reserves the right to order the adjustment of a greater or a lesser quantity than shown.

Bid Summary Worksheet

Total for Item #1a	\$ <u>196,000.00</u>
Total for Item #1b	\$ <u>28,000.00</u>
Total for Item #1c	\$ <u>5,600.00</u>
Total for Item #1d	\$ <u>868,000.00</u>
Total for Item #1e	\$ <u>2,800.00</u>
Total for Item #1f	\$ <u>2,800.00</u>
Total for Item #1g	\$ <u>5,000.00</u>
Total for Item #1h	\$ <u>10,000.00</u>
Total for Item #1i	\$ <u>150,000.00</u>
Total for Item #1j	\$ <u>100.00</u>
Total for Item #1k	\$ <u>5,000.00</u>
Total for Item #1l	\$ <u>35,000.00</u>
Total for Item #1m	\$ <u>10,000.00</u>
Total for Item #1n	\$ <u>1,000.00</u>
Total for Item #1o	\$ <u>90,000.00</u>
Total for Item #2a	\$ <u>5,000.00</u>
Total for Item #2b	\$ <u>5,000.00</u>
Total for Item #2c	\$ <u>100,000.00</u>
Total for Item #2d	\$ REMOVED
Total for Item #2e	\$ <u>4,000.00</u>
Total for Item #2f	\$ <u>5,000.00</u>
Total for Item #3	\$ <u>15,000.00</u>

Total for Item #4a	\$ <u>.75</u>
Total for Item #4b	\$ <u>.75</u>
Total for Item #5a	\$ <u>3.00</u>
Total for Item #5b	\$ <u>2.50</u>
Total for Item #6	\$ <u>2.50</u>
Total for Item #7	\$ <u>187,500.00</u>
Total for Item #8	\$ <u>.20</u>
Total for Item #9a	\$ <u>800.00</u>
Total for Item #9b	\$ <u>1,200.00</u>
Total for Item #9c	\$ <u>30,000.00</u>
Total for Item 9d	\$ <u>1,200.00</u>
Total for Item 9e	\$ <u>12,000.00</u>
Total for Item 10	\$ <u>985,000.00</u>
TOTAL BID PRICE:	\$ <u>2,761,009.70</u>

Dewcon, Inc.

UPDATED BID PRICING PAGES
THESE REPLACE THE BID PRICING PAGES IN THE ORIGINAL BID DOCUMENT

The undersigned proposes to perform the Work, furnish all materials, and complete the Work in its entirety in the manner and under the conditions required at the prices listed as follows:

Item #	Est. Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
1a	3,500	Cleaning, CCTV and lining of 6-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ <i>50.00</i>	Per linear foot	\$ <i>175,000.00</i>
1b	500	Cleaning, CCTV and lining of 8-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ <i>75.00</i>	Per linear foot	\$ <i>37,500.00</i>
1c	100	Cleaning, CCTV and lining of 10-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ <i>75.00</i>	Per linear foot	\$ <i>7,500.00</i>
1d	15,500	Cleaning, CCTV and lining of 12-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ <i>85.00</i>	Per linear foot	\$ <i>1,317,500.00</i>
1e	50	Cleaning, CCTV and lining of 14-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ <i>50.00</i>	Per linear foot	\$ <i>2,500.00</i>
1f	50	Cleaning, CCTV and lining of 16-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ <i>50.00</i>	Per linear foot	\$ <i>2,500.00</i>
1g	5	Additional cost to furnish and install 4 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>800.00</i>	Each	\$ <i>4,000.00</i>
1h	10	Additional cost to furnish and install 6 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>3,000.00</i>	Each	\$ <i>30,000.00</i>
1i	20	Additional cost to furnish and install 8 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>4,000.00</i>	Each	\$ <i>80,000.00</i>

1j	1	Additional cost to furnish and install 10 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>3,000.00</i>	Each	\$ <i>3,000.00</i>
1k	5	Additional cost to furnish and install 12 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>4,000.00</i>	Each	\$ <i>20,000.00</i>
1l	5	Additional cost to furnish and install 6 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>3,000.00</i>	Each	\$ <i>15,000.00</i>
1m	10	Additional cost to furnish and install 8 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>4,000.00</i>	Each	\$ <i>40,000.00</i>
1n	1	Additional cost to furnish and install 10 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>3,000.00</i>	Each	\$ <i>3,000.00</i>
1o	45	Additional cost to furnish and install 12 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ <i>4,000.00</i>	Each	\$ <i>180,000.00</i>
2a	50	Install 1 in. corporation stops, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ <i>1,200.00</i>	Each	\$ <i>60,000.00</i>
2b	50	Install 1 in. curb stops, including curb box, earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ <i>500.00</i>	Each	\$ <i>25,000.00</i>
2c	1,250	Install 1 in. type K copper tubing and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ <i>20.00</i>	Per linear foot	\$ <i>25,000.00</i>
2d	-	Removed	-	-	-
2e	100	Install 1-1/4 : 2 in. type K copper tubing, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ <i>30.00</i>	Per linear foot	\$ <i>3,000.00</i>
2f	100	Install 4 in. DI service, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ <i>40.00</i>	Per linear foot	\$ <i>4,000.00</i>

Item #	Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
3	100	Miscellaneous concrete and/or controlled density fill	\$ 125.00	Per cubic yard	\$ 12,500.00
4a	75	Rock excavation	\$ 100.00	Per cubic yard	\$ 7,500.00
4b	75	Boulder excavation	\$.01	Per cubic yard	\$.75
5a	300	Screened gravel for utility crossings and miscellaneous purposes	\$ 20.00	Per cubic yard	\$ 6,000.00
5b	250	Common fill replacement of unsuitable backfill and miscellaneous purposes	\$ 10.00	Per cubic yard	\$ 2,500.00
6	250	Excavation below normal grade, including backfill to return to normal grade	\$ 10.00	Per cubic yard	\$ 2,500.00
7	15	Install new hydrant assemblies including: 6-in gate valve with box cover; 6-in restrained joint, cement-lined ductile iron water main; new hydrant, earth excavation and backfill; temporary pavement and permanent pavement.	\$ 4500.00	Per cubic yard	\$ 112,500.00
8	20	Remove obstructions including: cutting existing Piping; refitting piping; replacing bends and fittings earth excavation and Backfill; bracing; temporary pavement and permanent pavement.	\$ 10.00	Each	\$ 200.00
9a	20	Relay 4-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 10.00	LF	\$ 200.00
9b	20	Relay 6-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 100.00	LF	\$ 2,000.00
9c	500	Relay 8-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 150.00	LF	\$ 75,000.00
9d	20	Relay 10-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 100.00	LF	\$ 2,000.00
9e	200	Relay 12-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 175.00	LF	\$ 35,000.00
10	1	All temporary service / by-pass	\$ 300,000.00	Lump Sum	\$ 300,000.00

The quantities listed in the proposal are estimates. The City of Beverly, therefore, reserves the right to order the adjustment of a greater or a lesser quantity than shown.

Bid Summary Worksheet

Total for Item #1a	\$ <u>175,000.00</u>
Total for Item #1b	\$ <u>37,500.00</u>
Total for Item #1c	\$ <u>7,500.00</u>
Total for Item #1d	\$ <u>1,317,500.00</u>
Total for Item #1e	\$ <u>2,500.00</u>
Total for Item #1f	\$ <u>2,500.00</u>
Total for Item #1g	\$ <u>4,000.00</u>
Total for Item #1h	\$ <u>30,000.00</u>
Total for Item #1i	\$ <u>80,000.00</u>
Total for Item #1j	\$ <u>3,000.00</u>
Total for Item #1k	\$ <u>20,000.00</u>
Total for Item #1l	\$ <u>15,000.00</u>
Total for Item #1m	\$ <u>40,000.00</u>
Total for Item #1n	\$ <u>3,000.00</u>
Total for Item #1o	\$ <u>180,000.00</u>
Total for Item #2a	\$ <u>60,000.00</u>
Total for Item #2b	\$ <u>25,000.00</u>
Total for Item #2c	\$ <u>25,000.00</u>
Total for Item #2d	\$ REMOVED
Total for Item #2e	\$ <u>3,000.00</u>
Total for Item #2f	\$ <u>4,000.00</u>
Total for Item #3	\$ <u>12,500.00</u>

Total for Item #4a	\$ <u>7,500.00</u>
Total for Item #4b	\$ <u>.75</u>
Total for Item #5a	\$ <u>6,000.00</u>
Total for Item #5b	\$ <u>2,500.00</u>
Total for Item #6	\$ <u>2,500.00</u>
Total for Item #7	\$ <u>112,500.00</u>
Total for Item #8	\$ <u>200.00</u>
Total for Item #9a	\$ <u>200.00</u>
Total for Item #9b	\$ <u>2,000.00</u>
Total for Item #9c	\$ <u>75,000.00</u>
Total for Item 9d	\$ <u>2,000.00</u>
Total for Item 9e	\$ <u>35,000.00</u>
Total for Item 10	\$ <u>300,000.00</u>
TOTAL BID PRICE:	\$ <u>2,592,400.75</u>

Biszko Contracting Corp.

UPDATED BID PRICING PAGES
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Item #	Est. Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
1a	3,500	Cleaning, CCTV and lining of 6-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 30.00	Per linear foot	\$ 105,000.00
1b	500	Cleaning, CCTV and lining of 8-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 15.00	Per linear foot	\$ 7,500.00
1c	100	Cleaning, CCTV and lining of 10-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 18.00	Per linear foot	\$ 1,800.00
1d	15,500	Cleaning, CCTV and lining of 12-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 48.00	Per linear foot	\$ 744,000.00
1e	50	Cleaning, CCTV and lining of 14-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 28.00	Per linear foot	\$ 1,400.00
1f	50	Cleaning, CCTV and lining of 16-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 31.00	Per linear foot	\$ 1,550.00
1g	5	Additional cost to furnish and install 4 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 600.00	Each	\$ 3,000.00
1h	10	Additional cost to furnish and install 6 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 800.00	Each	\$ 8,000.00
1i	20	Additional cost to furnish and install 8 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 5,500.00	Each	\$ 110,000.00

1j	1	Additional cost to furnish and install 10 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,200.00	Each	\$ 1,200.00
1k	5	Additional cost to furnish and install 12 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,500.00	Each	\$ 7,500.00
1l	5	Additional cost to furnish and install 6 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 900.00	Each	\$ 4,500.00
1m	10	Additional cost to furnish and install 8 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,000.00	Each	\$ 10,000.00
1n	1	Additional cost to furnish and install 10 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 1,200.00	Each	\$ 1,200.00
1o	45	Additional cost to furnish and install 12 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham).; including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 6,300.00	Each	\$ 283,500.00
2a	50	Install 1 in. corporation stops, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 150.00	Each	\$ 7,500.00
2b	50	Install 1 in. curb stops, including curb box, earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 1,500.00	Each	\$ 75,000.00
2c	1,250	Install 1 in. type K copper tubing and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 30.00	Per linear foot	\$ 37,500.00
2d	-	Removed	-	-	-
2e	100	Install 1-1/4 : 2 in. type K copper tubing, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 40.00	Per linear foot	\$ 4,000.00
2f	100	Install 4 in. DI service, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 40.00	Per linear foot	\$ 4,000.00

Item #	Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
3	100	Miscellaneous concrete and/or controlled density fill	\$ 125.00	Per cubic yard	\$ 12,500.00
4a	75	Rock excavation	\$ 0.01	Per cubic yard	\$ 0.75
4b	75	Boulder excavation	\$ 0.01	Per cubic yard	\$ 0.75
5a	300	Screened gravel for utility crossings and miscellaneous purposes	\$ 0.01	Per cubic yard	\$ 3.00
5b	250	Common fill replacement of unsuitable backfill and miscellaneous purposes	\$ 25.00	Per cubic yard	\$ 6,250.00
6	250	Excavation below normal grade, including backfill to return to normal grade	\$ 0.01	Per cubic yard	\$ 2.50
7	15	Install new hydrant assemblies including: 6-in gate valve with box cover; 6-in restrained joint, cement-lined ductile iron water main; new hydrant, earth excavation and backfill; temporary pavement and permanent pavement.	\$ 7,500.00	Per cubic yard	\$ 112,500.00
8	20	Remove obstructions including: cutting existing Piping; refitting piping; replacing bends and fittings earth excavation and Backfill; bracing; temporary pavement and permanent pavement.	\$ 0.01	Each	\$ 0.20
9a	20	Relay 4-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 15.00	LF	\$ 300.00
9b	20	Relay 6-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 15.00	LF	\$ 300.00
9c	500	Relay 8-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 30.00	LF	\$ 15,000.00
9d	20	Relay 10-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 30.00	LF	\$ 600.00
9e	200	Relay 12-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 30.00	LF	\$ 6,000.00
10	1	All temporary service / by-pass	\$ 490,000	Lump Sum	\$ 490,000.00

The quantities listed in the proposal are estimates. The City of Beverly, therefore, reserves the right to order the adjustment of a greater or a lesser quantity than shown.

Bid Summary Worksheet

Total for Item #1a	<u>\$ 10,500.00</u>
Total for Item #1b	<u>\$ 7,500.00</u>
Total for Item #1c	<u>\$ 1,800.00</u>
Total for Item #1d	<u>\$ 744,000.00</u>
Total for Item #1e	<u>\$ 1,400.00</u>
Total for Item #1f	<u>\$ 1,550.00</u>
Total for Item #1g	<u>\$ 3,000.00</u>
Total for Item #1h	<u>\$ 8,000.00</u>
Total for Item #1i	<u>\$ 110,000.00</u>
Total for Item #1j	<u>\$ 1,200.00</u>
Total for Item #1k	<u>\$ 7,500.00</u>
Total for Item #1l	<u>\$ 4,500.00</u>
Total for Item #1m	<u>\$ 10,000.00</u>
Total for Item #1n	<u>\$ 1,200.00</u>
Total for Item #1o	<u>\$ 283,500.00</u>
Total for Item #2a	<u>\$ 7,500.00</u>
Total for Item #2b	<u>\$ 75,000.00</u>
Total for Item #2c	<u>\$ 37,500.00</u>
Total for Item #2d	<u>\$ REMOVED</u>
Total for Item #2e	<u>\$ 4,000.00</u>
Total for Item #2f	<u>\$ 4,000.00</u>
Total for Item #3	<u>\$ 12,500.00</u>

Total for Item #4a	<u>\$ 0.75</u>
Total for Item #4b	<u>\$ 0.75</u>
Total for Item #5a	<u>\$ 3.00</u>
Total for Item #5b	<u>\$ 6,250.00</u>
Total for Item #6	<u>\$ 2.50</u>
Total for Item #7	<u>\$ 112,500.00</u>
Total for Item #8	<u>\$ 0.20</u>
Total for Item #9a	<u>\$ 300.00</u>
Total for Item #9b	<u>\$ 300.00</u>
Total for Item #9c	<u>\$ 15,000.00</u>
Total for Item 9d	<u>\$ 600.00</u>
Total for Item 9e	<u>\$ 8,000.00</u>
Total for Item 10	<u>\$ 490,000.00</u>
TOTAL BID PRICE:	<u>\$2,061,607.20</u>

N. Granese & Sons, Inc.

UPDATED BID PRICING PAGES
THESE REPLACE THE BID PRICING PAGES IN THE ORIGINAL BID DOCUMENT

The undersigned proposes to perform the Work, furnish all materials, and complete the Work in its entirety in the manner and under the conditions required at the prices listed as follows:

Item #	Est. Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
1a	3,500	Cleaning, CCTV and lining of 6-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 45 ⁰⁰	Per linear foot	\$ 157,500 ⁰⁰
1b	500	Cleaning, CCTV and lining of 8-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 45 ⁰⁰	Per linear foot	\$ 22,500 ⁰⁰
1c	100	Cleaning, CCTV and lining of 10-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 45 ⁰⁰	Per linear foot	\$ 4,500 ⁰⁰
1d	15,500	Cleaning, CCTV and lining of 12-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 45 ⁰⁰	Per linear foot	\$ 697,500 ⁰⁰
1e	50	Cleaning, CCTV and lining of 14-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 45 ⁰⁰	Per linear foot	\$ 2,250 ⁰⁰
1f	50	Cleaning, CCTV and lining of 16-inch water main using the drag-line method, including removal/replacement of existing main line gate valves, testing and chlorinating, temporary pavement and permanent pavement.	\$ 45 ⁰⁰	Per linear foot	\$ 2,250 ⁰⁰
1g	5	Additional cost to furnish and install 4 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 6,500 ⁰⁰	Each	\$ 32,500 ⁰⁰
1h	10	Additional cost to furnish and install 6 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 7,000 ⁰⁰	Each	\$ 70,000 ⁰⁰
1i	20	Additional cost to furnish and install 8 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 7,800 ⁰⁰	Each	\$ 156,000 ⁰⁰

1j	1	Additional cost to furnish and install 10 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 8,000 ⁰⁰	Each	\$ 8,000 ⁰⁰
1k	5	Additional cost to furnish and install 12 inch sideline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 8500 ⁰⁰	Each	\$ 42,500 ⁰⁰
1l	5	Additional cost to furnish and install 6 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 7,000 ⁰⁰	Each	\$ 35,000 ⁰⁰
1m	10	Additional cost to furnish and install 8 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 7800 ⁰⁰	Each	\$ 78,000 ⁰⁰
1n	1	Additional cost to furnish and install 10 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 8,000 ⁰⁰	Each	\$ 8,000 ⁰⁰
1o	45	Additional cost to furnish and install 12 inch mainline gate valves and appurtenances on Country Drive, Hart Street, Hull Street, Preston Place, and Grapevine Road (Wenham); including earth excavation, disposal, glands, nipples, anchor tees, backfill; temporary pavement and permanent pavement.	\$ 11,500 ⁰⁰	Each	\$ 517,500 ⁰⁰
2a	50	Install 1 in. corporation stops, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 2750 ⁰⁰	Each	\$ 137,500 ⁰⁰
2b	50	Install 1 in. curb stops, including curb box, earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 1250 ⁰⁰	Each	\$ 62,500 ⁰⁰
2c	1,250	Install 1 in. type K copper tubing and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 7 ⁰⁰	Per linear foot	\$ 8750 ⁰⁰
2d	-	Removed	-	-	-
2e	100	Install 1-1/4 : 2 in. type K copper tubing, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 350 ⁰⁰	Per linear foot	\$ 35,000 ⁰⁰
2f	100	Install 4 in. DI service, corporation stop, curb stop & box, and fittings to reconnect to the existing water services, including earth excavation, disposal, backfill; temporary pavement and permanent pavement.	\$ 390 ⁰⁰	Per linear foot	\$ 39,000 ⁰⁰

Item #	Qty.	Written Description	Unit Cost (in figures)	Unit	Total Extended Cost (in figures)
3	100	Miscellaneous concrete and/or controlled density fill	\$ 150 ⁰⁰	Per cubic yard	\$ 15,000 ⁰⁰
4a	75	Rock excavation	\$ 01	Per cubic yard	\$ 0.75
4b	75	Boulder excavation	\$ 01	Per cubic yard	\$ 0.75
5a	300	Screened gravel for utility crossings and miscellaneous purposes	\$ 50 ⁰⁰	Per cubic yard	\$ 15,000 ⁰⁰
5b	250	Common fill replacement of unsuitable backfill and miscellaneous purposes	\$ 50 ⁰⁰	Per cubic yard	\$ 12,500 ⁰⁰
6	250	Excavation below normal grade, including backfill to return to normal grade	\$ 9	Per cubic yard	\$ 250
7	15	Install new hydrant assemblies including: 6-in gate valve with box cover; 6-in restrained joint, cement-lined ductile iron water main; new hydrant, earth excavation and backfill; temporary pavement and permanent pavement.	\$ 14,000 ⁰⁰	Per cubic yard	\$ 210,000 ⁰⁰
8	20	Remove obstructions including: cutting existing Piping; refitting piping; replacing bends and fittings earth excavation and Backfill; bracing; temporary pavement and permanent pavement.	\$ 5,000 ⁰⁰	Each	\$ 100,000 ⁰⁰
9a	20	Relay 4-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 150 ⁰⁰	LF	\$ 3,000 ⁰⁰
9b	20	Relay 6-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 165 ⁰⁰	LF	\$ 3300 ⁰⁰
9c	500	Relay 8-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 200 ⁰⁰	LF	\$ 100,000 ⁰⁰
9d	20	Relay 10-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 210 ⁰⁰	LF	\$ 4200 ⁰⁰
9e	200	Relay 12-inch DI water main including refitting piping; glands, nipples, anchor tees, earth excavation and Backfill; bracing and temporary and permanent pavement, testing and chlorinating, temporary pavement and permanent pavement.	\$ 250 ⁰⁰	LF	\$ 50,000 ⁰⁰
10	1	All temporary service / by-pass	\$ 1,388,308	Lump Sum	\$ 1,388,308 ⁰⁰

The quantities listed in the proposal are estimates. The City of Beverly, therefore, reserves the right to order the adjustment of a greater or a lesser quantity than shown.

Bid Summary Worksheet

Total for Item #1a	\$ 157,500 ⁰⁰
Total for Item #1b	\$ 22,500 ⁰⁰
Total for Item #1c	\$ 4500 ⁰⁰
Total for Item #1d	\$ 697,500 ⁰⁰
Total for Item #1e	\$ 2250 ⁰⁰
Total for Item #1f	\$ 2250 ⁰⁰
Total for Item #1g	\$ 32,500 ⁰⁰
Total for Item #1h	\$ 70,000 ⁰⁰
Total for Item #1i	\$ 156,000 ⁰⁰
Total for Item #1j	\$ 8,000 ⁰⁰
Total for Item #1k	\$ 42,500 ⁰⁰
Total for Item #1l	\$ 35,000 ⁰⁰
Total for Item #1m	\$ 78,000 ⁰⁰
Total for Item #1n	\$ 8,000 ⁰⁰
Total for Item #1o	\$ 517,500 ⁰⁰
Total for Item #2a	\$ 137,500 ⁰⁰
Total for Item #2b	\$ 62,500 ⁰⁰
Total for Item #2c	\$ 8750 ⁰⁰
Total for Item #2d	\$ REMOVED
Total for Item #2e	\$ 35,000 ⁰⁰
Total for Item #2f	\$ 39,000 ⁰⁰
Total for Item #3	\$ 15,000 ⁰⁰

Total for Item #4a	\$	<u>0.75</u>
Total for Item #4b	\$	<u>0.75</u>
Total for Item #5a	\$	<u>15,000⁰⁰</u>
Total for Item #5b	\$	<u>12,520⁰⁰</u>
Total for Item #6	\$	<u>2⁵⁰</u>
Total for Item #7	\$	<u>210,000⁰⁰</u>
Total for Item #8	\$	<u>106,000⁰⁰</u>
Total for Item #9a	\$	<u>3,000⁰⁰</u>
Total for Item #9b	\$	<u>3,000⁰⁰</u>
Total for Item #9c	\$	<u>100,000⁰⁰</u>
Total for Item 9d	\$	<u>4200⁰⁰</u>
Total for Item 9e	\$	<u>52,000⁰⁰</u>
Total for Item 10	\$	<u>1,388,308⁰⁰</u>
TOTAL BID PRICE:	\$	<u>4,018,062⁰⁰</u>

J. Fletcher & Creamer & Son, Inc.