

April 6th, 2022

Agenda Item #2B

2-22 Kenneth Avenue Area Utility Relay – Phase 2

Background

The Engineering Department has reviewed and analyzed the bids from Carl Bowers & Sons, De Groot Inc., Feaker & Sons, Jossart Brothers, Dorner Inc., PTS Contractors, and Advance Construction received on March 30th, 2022 at 4:00PM for the 2-22 Kenneth Avenue Area Utility Relay Project. The Engineering Department received seven bids this year and also created an engineer's estimate prior to bid opening.

Review

The Engineering Department has compared the seven received bids against the engineers estimate. The two lowest bidders are within \$8,547.98 with their base bid, and within \$208,840.91 for their alternate bid, which is a good indication that they are competitive, yet the City is also getting a much better price. The engineer's estimate is compiled utilizing previous years' prices and adjusted for inflation and changes in work descriptions. Attached is a comparison file showing the pricing differences between the received bids and the engineer's estimate.

Recommended Action

Award Project 2-22 Kenneth Avenue Area Utility Relay – Phase 2 to Carl Bowers & Sons, Kaukauna, WI for a base bid price of \$1,067,991.60, with an additional alternate bid price of \$1,991,659.55 for a total bid price of \$3,059,651.15.

CITY OF KAUKAUNA																			
PROJECT 2-22 KENNETH AVENUE AREA UTILITY RELAY - PHASE 2																			
EIGHTH STREET, SEVENTH STREET, SIXTH STREET, WHITNEY STREET, SULLIVAN AVENUE, HENDRICKS AVENUE, & MAIN AVENUE																			

UNIT A - SANITARY SEWER				ENGINEER ESTIMATE		CARL BOWERS & SONS		DE GROOT INC.		FEAKER & SONS		JOSSART BROS.		DORNER INC.		PTS CONTRACTORS		ADVANCE CONSTRUCTION	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
A1	Furnish and Install 8" PVC Sanitary Sewer, 3985 lineal feet, more or less, all complete for:	3985	LF	\$58.00	\$231,130.00	\$57.50	\$229,137.50	\$58.90	\$234,716.50	\$63.00	\$251,055.00	\$67.00	\$266,995.00	\$65.00	\$259,025.00	\$82.00	\$326,770.00	\$140.00	\$557,900.00
A2	Furnish and Install 10" PVC Sanitary Sewer, 848 lineal feet, more or less, all complete for:	848	LF	\$60.00	\$50,880.00	\$67.00	\$56,816.00	\$61.56	\$52,202.88	\$71.00	\$60,208.00	\$74.00	\$62,752.00	\$78.00	\$66,144.00	\$81.00	\$68,688.00	\$147.00	\$124,656.00
A3	Furnish and Install 12" PVC Sanitary Sewer, 1076 lineal feet, more or less, all complete for:	1076	LF	\$65.00	\$69,940.00	\$83.00	\$89,308.00	\$86.00	\$92,536.00	\$85.00	\$91,460.00	\$82.00	\$88,232.00	\$100.00	\$107,600.00	\$114.00	\$122,664.00	\$202.50	\$217,890.00
A4	Furnish and Install 48" Diameter Sanitary Manhole, 201.92 vertical feet, more or less, all complete for:	201.92	VF	\$330.00	\$66,633.60	\$430.00	\$86,825.60	\$477.92	\$96,501.61	\$460.00	\$92,883.20	\$480.00	\$96,921.60	\$417.00	\$84,200.64	\$485.00	\$97,931.20	\$448.00	\$90,460.16
A5	Abandon Sanitary Sewer Manhole, 3 each, more or less, all complete for:	3	EA	\$475.00	\$1,425.00	\$500.00	\$1,500.00	\$505.00	\$1,515.00	\$750.00	\$2,250.00	\$500.00	\$1,500.00	\$341.00	\$1,023.00	\$555.00	\$1,665.00	\$500.00	\$1,500.00
A6	Abandon 12" Sanitary Sewer Main, 189.5 lineal feet, more or less, all complete for:	189.5	LF	\$5.50	\$1,042.25	\$8.00	\$1,516.00	\$15.15	\$2,870.93	\$5.00	\$947.50	\$12.00	\$2,274.00	\$12.00	\$2,274.00	\$10.00	\$1,895.00	\$10.00	\$1,895.00
A7	Furnish and install 4" PVC laterals in public right of way, 5895 lineal feet, more or less, all complete for:	5895	LF	\$50.00	\$294,750.00	\$55.00	\$324,225.00	\$40.13	\$236,566.35	\$55.00	\$324,225.00	\$54.00	\$318,330.00	\$61.00	\$359,595.00	\$81.00	\$477,495.00	\$114.00	\$672,030.00
A8	Furnish and install 6" PVC laterals in public right of way, 100 lineal feet, more or less, all complete for:	100	LF	\$54.00	\$5,400.00	\$60.00	\$6,000.00	\$45.45	\$4,545.00	\$62.00	\$6,200.00	\$55.00	\$5,500.00	\$67.00	\$6,700.00	\$90.00	\$9,000.00	\$118.50	\$11,850.00
A9	Furnish and install 4" PVC private laterals excavated, 200 lineal feet including turf restoration, more or less, all complete for:	200	LF	\$62.50	\$12,500.00	\$75.00	\$15,000.00	\$72.52	\$14,504.00	\$55.00	\$11,000.00	\$49.00	\$9,800.00	\$65.00	\$13,000.00	\$75.00	\$15,000.00	\$10.00	\$2,000.00
A10	Furnish and install 6" PVC private laterals excavated, 50 lineal feet including turf restoration, more or less, all complete for:	50	LF	\$65.00	\$3,250.00	\$80.00	\$4,000.00	\$75.75	\$3,787.50	\$60.00	\$3,000.00	\$55.00	\$2,750.00	\$70.00	\$3,500.00	\$82.00	\$4,600.00	\$20.00	\$1,000.00
A11	Furnish and Pipe Burst 4" HDPE Private lateral to interior cleanout, 2000 lineal feet, more or less, all complete for:	2000	LF	\$10.50	\$21,000.00	\$10.00	\$20,000.00	\$10.40	\$20,800.00	\$10.00	\$20,000.00	\$10.50	\$21,000.00	\$10.60	\$21,200.00	\$10.25	\$20,500.00	\$10.00	\$20,000.00
A12	Furnish and Pipe Burst 6" HDPE Private lateral to interior cleanout, 50 lineal feet, more or less, all complete for:	50	LF	\$32.00	\$1,600.00	\$20.00	\$1,000.00	\$20.81	\$1,040.50	\$20.00	\$1,000.00	\$21.00	\$1,050.00	\$21.10	\$1,055.00	\$10.50	\$525.00	\$20.00	\$1,000.00
A13	Furnish and install new interior cleanout, including all interior connections, 100 Each, more or less, all complete for:	100	EA	\$2,500.00	\$250,000.00	\$1,500.00	\$150,000.00	\$1,560.45	\$156,045.00	\$1,500.00	\$150,000.00	\$1,575.00	\$157,500.00	\$1,584.00	\$158,400.00	\$1,545.00	\$154,500.00	\$1,500.00	\$150,000.00
A14	Furnish and Pipe Burst 4" HDPE Private lateral with LEAD WATER set-up, 600 lineal feet, more or less, all complete for:	600	LF	\$10.50	\$6,300.00	\$10.00	\$6,000.00	\$10.40	\$6,240.00	\$10.00	\$6,000.00	\$10.50	\$6,300.00	\$10.60	\$6,360.00	\$10.25	\$6,150.00	\$10.00	\$6,000.00
A15	Furnish and install new interior cleanout with LEAD WATER set-up, including interior connections, 20 each, all complete for:	20	EA	\$1,250.00	\$25,000.00	\$1,500.00	\$30,000.00	\$1,560.45	\$31,209.00	\$1,500.00	\$30,000.00	\$1,575.00	\$31,500.00	\$1,584.00	\$31,680.00	\$1,545.00	\$30,900.00	\$1,500.00	\$30,000.00
A16	Furnish exterior connection for pipe bursting, including all restoration, 5 each, more or less, all complete for:	5	EA	\$525.00	\$2,625.00	\$2,000.00	\$10,000.00	\$2,080.60	\$10,403.00	\$2,000.00	\$10,000.00	\$2,100.00	\$10,500.00	\$2,112.00	\$10,560.00	\$2,055.00	\$10,275.00	\$2,000.00	\$10,000.00
A17	Furnish and install new floor drain, including clean up and restoration, 80 each, more or less, all complete for:	80	EA	\$105.00	\$8,400.00	\$150.00	\$12,000.00	\$156.05	\$12,484.00	\$150.00	\$12,000.00	\$157.50	\$12,600.00	\$158.00	\$12,640.00	\$155.00	\$12,400.00	\$150.00	\$12,000.00
A18	Provide televising for all new sanitary sewer main, 5909 lineal feet, more or less, all complete for:	5909	LF	\$1.50	\$8,863.50	\$1.50	\$8,863.50	\$1.41	\$8,331.69	\$1.25	\$7,386.25	\$1.30	\$7,681.70	\$1.30	\$7,681.70	\$1.30	\$7,681.70	\$1.22	\$7,208.98
A19	Provide televising for all new sanitary sewer laterals, 158 each, more or less, all complete for:	158	EA	\$100.00	\$15,800.00	\$100.00	\$15,800.00	\$106.05	\$16,755.90	\$98.00	\$15,484.00	\$110.00	\$17,380.00	\$100.00	\$15,800.00	\$98.00	\$15,484.00	\$95.00	\$15,010.00
				UNIT TOTAL	\$1,076,539.35	UNIT TOTAL	\$1,067,991.60	UNIT TOTAL	\$1,003,054.85	UNIT TOTAL	\$1,095,098.95	UNIT TOTAL	\$1,120,566.30	UNIT TOTAL	\$1,168,438.34	UNIT TOTAL	\$1,384,123.90	UNIT TOTAL	\$1,932,400.14

UNIT B - GENERAL/RESTORATION				ENGINEER ESTIMATE		CARL BOWERS & SONS		DE GROOT INC.		FEAKER & SONS		JOSSART BROS.		DORNER INC.		PTS CONTRACTORS		ADVANCE CONSTRUCTION	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
B1	Furnish and install granular backfill as directed by Engineer, 500 tons, more or less, all complete for:	500	TON	\$15.00	\$7,500.00	\$12.50	\$6,250.00	\$21.36	\$10,680.00	\$14.00	\$7,000.00	\$22.00	\$11,000.00	\$13.70	\$6,850.00	\$17.00	\$8,500.00	\$11.15	\$5,575.00
B2	Furnish and install 1 1/4" dense graded base, 8000 tons, more or less, all complete for:	8000	TON	\$13.00	\$104,000.00	\$12.50	\$100,000.00	\$13.28	\$106,240.00	\$12.25	\$98,000.00	\$13.00	\$104,000.00	\$16.40	\$131,200.00	\$0.01	\$80.00	\$13.56	\$108,480.00
B3	Furnish and install 3" stone base, 1000 tons, more or less, all complete for:	1000	TON	\$15.00	\$15,000.00	\$12.50	\$12,500.00	\$14.14	\$14,140.00	\$14.00	\$14,000.00	\$14.00	\$14,000.00	\$16.40	\$16,400.00	\$20.00	\$20,000.00	\$13.56	\$13,560.00
B4	Furnish, install, full depth saw cutting of all pavements and walk, 1 Lump Sum, all complete for:	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,565.00	\$6,565.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00	\$12,167.00	\$12,167.00	\$12,455.00	\$12,455.00	\$20,000.00	\$20,000.00
B5	Furnish all prep work for asphalt overlay, including milling, butt joints, fine grading, etc., 1 Lump Sum, all complete for:	1	LS	\$70,000.00	\$70,000.00	\$177,450.00	\$177,450.00	\$184,601.24	\$184,601.24	\$181,000.00	\$181,000.00	\$186,500.00	\$186,500.00	\$187,343.00	\$187,343.00	\$182,375.00	\$182,375.00	\$177,450.00	\$177,450.00
B6	Adjust Manholes with required rings, 12 each, more or less, all complete for:	12	EA	\$400.00	\$4,800.00	\$455.00	\$5,460.00	\$757.50	\$9,090.00	\$465.00	\$5,580.00	\$500.00	\$6,000.00	\$440.00	\$5,280.00	\$555.00	\$6,660.00	\$455.00	\$5,460.00
B7	Furnish and install 2" asphalt overlay, 34300 square yards, more or less, all complete for:	34300	SY	\$8.50	\$291,550.00	\$12.75	\$437,325.00	\$13.26	\$454,818.00	\$13.00	\$445,900.00	\$13.40	\$459,620.00	\$13.50	\$463,050.00	\$13.10	\$449,330.00	\$12.75	\$437,325.00
B8	Furnish and install 2" asphalt trench patch, 216 square yards, more or less, all complete for:	216	SY	\$9.00	\$1,944.00	\$27.50	\$5,940.00	\$28.61	\$6,179.76	\$28.00	\$6,048.00	\$28.90	\$6,242.40	\$29.00	\$6,264.00	\$28.25	\$6,102.00	\$27.50	\$5,940.00
B9	Furnish and install 2" asphalt patches for sidewalk and driveway patches, 100 tons, more or less, all complete for:	100	TON	\$150.00	\$15,000.00	\$250.00	\$25,000.00	\$260.08	\$26,008.00	\$255.00	\$25,500.00	\$263.00	\$26,300.00	\$264.00	\$26,400.00	\$255.00	\$25,500.00	\$250.00	\$25,000.00
B10	Remove tree and stump, 1 each, more or less, all complete for:	1	EA	\$300.00	\$300.00	\$2,000.00	\$2,000.00	\$1,515.00	\$1,515.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$1,200.00	\$1,200.00	\$1,740.00	\$1,740.00	\$1,000.00	\$1,000.00
B11	Furnish and install turf restoration for all disturbed areas public work, 1 Lump Sum, all complete for:	1	LS	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$36,865.00	\$36,865.00	\$12,515.00	\$12,515.00	\$7,000.00	\$7,000.00	\$20,981.00	\$20,981.00	\$41,700.00	\$41,700.00	\$35,000.00	\$35,000.00
B12	Furnish, install, and maintain all erosion control, including all inlet proection, 1 Lump Sum, all complete for:	1	LS	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$4,545.00	\$4,545.00	\$5,200.00	\$5,200.00	\$6,500.00	\$6,500.00	\$3,600.00	\$3,600.00	\$6,795.00	\$6,795.00	\$6,000.00	\$6,000.00
B13	Furnish, install, and maintain traffic control, 1 Lump Sum, all complete for:	1	LS	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$29,290.00	\$29,290.00	\$5,100.00	\$5,100.00	\$27,000.00	\$27,000.00	\$27,450.00	\$27,450.00	\$13,360.00	\$13,360.00	\$26,000.00	\$26,000.00
B14	Furnish mobilization/demobilization of all needed equipment, 1 Lump Sum, all complete for:	1	LS	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$35,372.73	\$35,372.73	\$54,000.00	\$54,000.00	\$32,000.00	\$32,000.00	\$42,687.00	\$42,687.00	\$32,255.00	\$32,255.00	\$40,750.00	\$40,750.00
				UNIT TOTAL	\$567,094.00	UNIT TOTAL	\$852,425.00	UNIT TOTAL	\$925,909.73	UNIT TOTAL	\$865,343.00	UNIT TOTAL	\$893,662.40	UNIT TOTAL	\$950,872.00	UNIT TOTAL	\$806,852.00	UNIT TOTAL	\$907,540.00

SUB-TOTAL UNIT A	\$1,076,539.35	SUB-TOTAL UNIT A	\$1,067,991.60	SUB-TOTAL UNIT A	\$1,003,054.85	SUB-TOTAL UNIT A	\$1,095,098.95	SUB-TOTAL UNIT A	\$1,120,566.30	SUB-TOTAL UNIT A	\$1,168,438.34	SUB-TOTAL UNIT A	\$1,384,123.90	SUB-TOTAL UNIT A	\$1,932,400.14
SUB-TOTAL UNIT B	\$567,094.00	SUB-TOTAL UNIT B	\$852,425.00	SUB-TOTAL UNIT B	\$925,909.73	SUB-TOTAL UNIT B	\$865,343.00	SUB-TOTAL UNIT B	\$893,662.40	SUB-TOTAL UNIT B	\$950,872.00	SUB-TOTAL UNIT B	\$806,852.00	SUB-TOTAL UNIT B	\$907,540.00
ENGINEER ESTIMATE	\$1,643,633.35	TOTAL BASE BID	\$1,920,416.60	TOTAL BASE BID	\$1,928,964.58	TOTAL BASE BID	\$1,960,441.95	TOTAL BASE BID	\$2,014,228.70	TOTAL BASE BID	\$2,119,310.34	TOTAL BASE BID	\$2,190,975.90	TOTAL BASE BID	\$2,839,940.14

ALTERNATE UNIT AA - WATER MAIN (DAVIS BACON & AMERICAN IRON AND STEEL)																			
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
AA1	Furnish and install 6" PVC Water Main, 153 lineal feet, more or less, all complete for:	153	LF	\$65.00	\$9,945.00	\$85.25	\$13,043.25	\$46.46	\$7,108.38	\$95.00	\$14,535.00	\$60.00	\$9,180.00	\$78.00	\$11,934.00	\$115.00	\$17,595.00	\$121.00	\$18,513.00
AA2	Furnish and install 8" PVC Water Main, 5330 lineal feet, more or less, all complete for:	5330	LF	\$60.00	\$319,800.00	\$61.00	\$325,130.00	\$67.08	\$357,536.40	\$85.00	\$453,050.00	\$69.00	\$367,770.00	\$66.00	\$351,780.00	\$93.00	\$495,690.00	\$98.00	\$522,340.00
AA3	Furnish and install 6" Water Valve, 12 each, more or less, all complete for:	12	EA	\$1,550.00	\$18,600.00	\$2,300.00	\$27,600.00	\$2,568.43	\$30,821.16	\$2,005.00	\$24,060.00	\$2,500.00	\$30,000.00	\$2,445.00	\$29,340.00	\$2,295.00	\$27,540.00	\$2,197.00	\$26,364.00
AA4	Furnish and install 8" Water Valve, 16 each, more or less, all complete for:	16	EA	\$2,100.00	\$33,600.00	\$3,000.00	\$48,000.00	\$3,324.29	\$53,188.64	\$2,600.00	\$41,600.00	\$3,250.00	\$52,000.00	\$3,189.00	\$51,024.00	\$2,950.00	\$47,200.00	\$3,050.00	\$48,800.00
AA5	Furnish and install 7.5' Bury Hydrants, 12 each, more or less, all complete for:	12	EA	\$4,750.00	\$57,000.00	\$6,200.00	\$74,400.00	\$6,457.94	\$77,495.28	\$5,565.00	\$66,780.00	\$6,300.00	\$75,600.00	\$6,715.00	\$80,580.00	\$6,380.00	\$76,560.00	\$6,369.00	\$76,428.00
AA6	Furnish and install 1" water service set on 8" main, 133 each, more or less, all complete for:	133	EA	\$450.00	\$59,850.00	\$600.00	\$79,800.00	\$1,160.59	\$154,358.47	\$630.00	\$83,790.00	\$630.00	\$83,790.00	\$727.00	\$96,691.00	\$790.00	\$105,070.00	\$851.00	\$113,183.00
AA7	Furnish and install 1" water service, 5004 lineal feet, more or less, all complete for:	5004	LF	\$40.00	\$200,160.00	\$39.50	\$197,658.00	\$30.25	\$151,371.00	\$41.00	\$205,164.00	\$47.00	\$235,188.00	\$50.00	\$250,200.00	\$83.00	\$415,332.00	\$42.50	\$212,670.00
AA8	Furnish and install Temporary water service, 5330 lineal feet, more or less, all complete for:	5330	LF	\$2.00	\$10,660.00	\$0.01	\$53.30	\$10.10	\$53,833.00	\$0.01	\$53.30	\$4.00	\$21,320.00	\$5.40	\$28,782.00	\$5.00	\$26,650.00	\$12.50	\$66,625.00
AA9	Excavate & Plug 16"x6" tee at 7th & Main, 1 each, all complete for:	1	EA	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$3,030.00	\$3,030.00	\$2,170.00	\$2,170.00	\$2,500.00	\$2,500.00	\$1,401.00	\$1,401.00	\$2,440.00	\$2,440.00	\$2,295.00	\$2,295.00
AA10	Salvage Hydrants, Close Valves, and Remove Boxes, 1 Lump Sum, all complete for:	1	LS	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$10,100.00	\$10,100.00	\$9,180.00	\$9,180.00	\$10,000.00	\$10,000.00	\$3,675.00	\$3,675.00	\$4,055.00	\$4,055.00	\$600.00	\$600.00
AA11	Furnish and install private water service replacement for existing copper - Pulled along with sewer, 500 lineal feet, more or less, all complete for:	500	LF	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.20	\$2,600.00	\$5.00	\$2,500.00	\$5.25	\$2,625.00	\$5.30	\$2,650.00	\$5.80	\$2,900.00	\$5.00	\$2,500.00
AA12	Furnish and install private water service for existing copper - Pulled separate, 150 lineal feet, more or less, all complete for:	150	LF	\$30.00	\$4,500.00	\$50.00	\$7,500.00	\$53.03	\$7,954.50	\$50.00	\$7,500.00	\$52.50	\$7,875.00	\$52.80	\$7,920.00	\$69.50	\$10,425.00	\$50.00	\$7,500.00
AA13	Provide interior water service reconnection, 10 each, more or less, all complete for:	10	EA	\$300.00	\$3,000.00	\$500.00	\$5,000.00	\$520.15	\$5,201.50	\$500.00	\$5,000.00	\$525.00	\$5,250.00	\$528.00	\$5,280.00	\$515.00	\$5,150.00	\$500.00	\$5,000.00
AA14	Provide new electrical grounding as required due to water service replacement, 10 each, more or less, all complete for:	10	EA	\$300.00	\$3,000.00	\$450.00	\$4,500.00	\$468.14	\$4,681.40	\$450.00	\$4,500.00	\$472.50	\$4,725.00	\$475.00	\$4,750.00	\$465.00	\$4,650.00	\$450.00	\$4,500.00
				UNIT TOTAL	\$729,615.00	UNIT TOTAL	\$797,684.55	UNIT TOTAL	\$919,279.73	UNIT TOTAL	\$919,882.30	UNIT TOTAL	\$907,823.00	UNIT TOTAL	\$926,007.00	UNIT TOTAL	\$1,241,257.00	UNIT TOTAL	\$1,107,318.00

ALTERNATE UNIT BB - GENERAL/RESTORATION (DAVIS BACON & AMERICAN IRON AND STEEL)																			
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
BB1	Furnish and install granular backfill as directed by Engineer, 500 tons, more or less, all complete for:	500	TON	\$15.00	\$7,500.00	\$12.50	\$6,250.00	\$21.36	\$10,680.00	\$14.00	\$7,000.00	\$26.00	\$13,000.00	\$13.70	\$6,850.00	\$17.00	\$8,500.00	\$11.15	\$5,575.00
BB2	Furnish and install 1 1/4" dense graded base, 8000 tons, more or less, all complete for:	8000	TON	\$13.00	\$104,000.00	\$12.50	\$100,000.00	\$13.28	\$106,240.00	\$12.25	\$98,000.00	\$16.00	\$128,000.00	\$16.40	\$131,200.00	\$0.01	\$80.00	\$13.56	\$108,480.00
BB3	Furnish and install 3" stone base, 1000 tons, more or less, all complete for:	1000	TON	\$15.00	\$15,000.00	\$12.50	\$12,500.00	\$14.14	\$14,140.00	\$14.00	\$14,000.00	\$17.00	\$17,000.00	\$16.40	\$16,400.00	\$20.00	\$20,000.00	\$13.56	\$13,560.00
BB4	Furnish, install, full depth saw cutting of all pavements and walk, 1 Lump Sum, all complete for:	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,565.00	\$6,565.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$12,167.00	\$12,167.00	\$12,455.00	\$12,455.00	\$20,000.00	\$20,000.00
BB5	Furnish all prep work for asphalt overlay, including milling, butt joints, fine grading, etc., 1 Lump Sum, all complete for:	1	LS	\$70,000.00	\$70,000.00	\$177,450.00	\$177,450.00	\$184,601.24	\$184,601.24	\$180,000.00	\$180,000.00	\$186,500.00	\$186,500.00	\$187,343.00	\$187,343.00	\$182,375.00	\$182,375.00	\$177,450.00	\$177,450.00
BB6	Adjust Manholes with required rings, 12 each, more or less, all complete for:	12	EA	\$400.00	\$4,800.00	\$455.00	\$5,460.00	\$757.50	\$9,090.00	\$465.00	\$5,580.00	\$500.00	\$6,000.00	\$440.00	\$5,280.00	\$555.00	\$6,660.00	\$455.00	\$5,460.00
BB7	Furnish and install 2" asphalt overlay, 34300 square yards, more or less, all complete for:	34300	SY	\$8.50	\$291,550.00	\$12.75	\$437,325.00	\$13.26	\$454,818.00	\$13.00	\$445,900.00	\$13.40	\$459,620.00	\$13.50	\$463,050.00	\$13.10	\$449,330.00	\$12.75	\$437,325.00
BB8	Furnish and install 2" asphalt trench patch, 216 square yards, more or less, all complete for:	216	SY	\$9.00	\$1,944.00	\$27.50	\$5,940.00	\$28.61	\$6,179.76	\$28.00	\$6,048.00	\$28.90	\$6,242.40	\$29.00	\$6,264.00	\$28.25	\$6,102.00	\$27.50	\$5,940.00
BB9	Furnish and install 2" asphalt patches for sidewalk and driveway patches, 100 tons, more or less, all complete for:	100	TON	\$150.00	\$15,000.00	\$250.00	\$25,000.00	\$260.08	\$26,008.00	\$255.00	\$25,500.00	\$263.00	\$26,300.00	\$264.00	\$26,400.00	\$255.00	\$25,500.00	\$250.00	\$25,000.00
BB10	Remove tree and stump, 1 each, more or less, all complete for:	1	EA	\$300.00	\$300.00	\$2,000.00	\$2,000.00	\$1,515.00	\$1,515.00	\$1,200.00	\$1,200.00	\$2,800.00	\$2,800.00	\$1,200.00	\$1,200.00	\$1,735.00	\$1,735.00	\$1,000.00	\$1,000.00
BB11	Furnish and install turf restoration for all disturbed areas public work, 1 Lump Sum, all complete for:	1	LS	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$36,865.00	\$36,865.00	\$15,260.00	\$15,260.00	\$11,000.00	\$11,000.00	\$20,981.00	\$20,981.00	\$41,680.00	\$41,680.00	\$35,000.00	\$35,000.00
BB12	Furnish, install, and maintain all erosion control, including all inlet proection, 1 Lump Sum, all complete for:	1	LS	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$4,545.00	\$4,545.00	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00	\$3,600.00	\$3,600.00	\$5,785.00	\$5,785.00	\$6,000.00	\$6,000.00
BB13	Furnish, install, and maintain traffic control, 1 Lump Sum, all complete for:	1	LS	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$29,290.00	\$29,290.00	\$5,100.00	\$5,100.00	\$28,000.00	\$28,000.00	\$27,450.00	\$27,450.00	\$13,360.00	\$13,360.00	\$26,000.00	\$26,000.00
B14	Furnish mobilization/demobilization of all needed equipment, 1 Lump Sum, all complete for:	1	LS	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$35,372.73	\$35,372.73	\$54,000.00	\$54,000.00	\$60,000.00	\$60,000.00	\$42,687.00	\$42,687.00	\$32,255.00	\$32,255.00	\$40,750.00	\$40,750.00
				UNIT TOTAL	\$567,094.00	UNIT TOTAL	\$852,425.00	UNIT TOTAL	\$925,909.73	UNIT TOTAL	\$869,088.00	UNIT TOTAL	\$957,462.40	UNIT TOTAL	\$950,872.00	UNIT TOTAL	\$805,817.00	UNIT TOTAL	\$907,540.00

ALTERNATE UNIT CC - LEAD WATER SERVICE (DAVIS BACON & AMERICAN IRON AND STEEL)																			
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
CC1	Pull Preparation and Setup for Lead Water Service Replacement, 99 each, more or less, all complete for:	99	EA	\$525.00	\$51,975.00	\$2,500.00	\$247,500.00	\$2,600.75	\$257,474.25	\$2,500.00	\$247,500.00	\$2,625.00	\$259,875.00	\$2,639.00	\$261,261.00	\$2,570.00	\$254,430.00	\$2,500.00	\$247,500.00
CC2	Pull 1" Water Service with Sanitary Service (water service cost only), 1000 lineal feet, more or less, all complete for:	1000	LF	\$52.50	\$52,500.00	\$5.00	\$5,000.00	\$5.20	\$5,200.00	\$5.00	\$5,000.00	\$5.25	\$5,250.00	\$5.30	\$5,300.00	\$5.15	\$5,150.00	\$5.00	\$5,000.00
CC3	Pull 1" Water Service separately, 1970 lineal feet, more or less, all complete for:	1970	LF	\$52.50	\$103,425.00	\$5.00	\$9,850.00	\$5.20	\$10,244.00	\$5.00	\$9,850.00	\$5.25	\$10,342.50	\$5.30	\$10,441.00	\$5.15	\$10,145.50	\$5.00	\$9,850.00
CC4	Provide interior water service reconnetion, 99 each, more or less, all complete for:	99	EA	\$625.00	\$61,875.00	\$350.00	\$34,650.00	\$364.11	\$36,046.89	\$350.00	\$34,650.00	\$367.50	\$36,382.50	\$370.00	\$36,630.00	\$360.00	\$35,640.00	\$350.00	\$34,650.00
CC5	Provide new electrical grounding as required due to water service replacement, 99 each, more or less, all complete for:	99	EA	\$625.00	\$61,875.00	\$450.00	\$44,550.00	\$468.14	\$46,345.86	\$450.00	\$44,550.00	\$472.50	\$46,777.50	\$475.00	\$47,025.00	\$465.00	\$46,035.00	\$450.00	\$44,550.00
				UNIT TOTAL	\$331,650.00	UNIT TOTAL	\$341,550.00	UNIT TOTAL	\$355,311.00	UNIT TOTAL	\$341,550.00	UNIT TOTAL	\$358,627.50	UNIT TOTAL	\$360,657.00	UNIT TOTAL	\$351,400.50	UNIT TOTAL	\$341,550.00

SUB-TOTAL UNIT A	\$1,076,539.35	SUB-TOTAL UNIT A	\$1,067,991.60	SUB-TOTAL UNIT A	\$1,003,054.85	SUB-TOTAL UNIT A	\$1,095,098.95	SUB-TOTAL UNIT A	\$1,120,566.30	SUB-TOTAL UNIT A	\$1,168,438.34	SUB-TOTAL UNIT A	\$1,384,123.90	SUB-TOTAL UNIT A	\$1,932,400.14
SUB-TOTAL UNIT B	\$567,094.00	SUB-TOTAL UNIT B	\$852,425.00	SUB-TOTAL UNIT B	\$925,909.73	SUB-TOTAL UNIT B	\$865,343.00	SUB-TOTAL UNIT B	\$893,662.40	SUB-TOTAL UNIT B	\$950,872.00	SUB-TOTAL UNIT B	\$806,852.00	SUB-TOTAL UNIT B	\$907,540.00
TOTAL BASE BID	\$1,643,633.35	TOTAL BASE BID	\$1,920,416.60	TOTAL BASE BID	\$1,928,964.58	TOTAL BASE BID	\$1,960,441.95	TOTAL BASE BID	\$2,014,228.70	TOTAL BASE BID	\$2,119,310.34	TOTAL BASE BID	\$2,190,975.90	TOTAL BASE BID	\$2,839,940.14

SUB-TOTAL ALTERNATE A	\$729,615.00	SUB-TOTAL ALTERNATE A	\$797,684.55	SUB-TOTAL ALTERNATE A	\$919,279.73	SUB-TOTAL ALTERNATE A	\$919,882.30	SUB-TOTAL ALTERNATE A	\$907,823.00	SUB-TOTAL ALTERNATE A	\$926,007.00	SUB-TOTAL ALTERNATE A	\$1,241,257.00	SUB-TOTAL ALTERNATE A	\$1,107,318.00
SUB-TOTAL ALTERNATE B	\$567,094.00	SUB-TOTAL ALTERNATE B	\$852,425.00	SUB-TOTAL ALTERNATE B	\$925,909.73	SUB-TOTAL ALTERNATE B	\$869,088.00	SUB-TOTAL ALTERNATE B	\$957,462.40	SUB-TOTAL ALTERNATE B	\$950,872.00	SUB-TOTAL ALTERNATE B	\$805,817.00	SUB-TOTAL ALTERNATE B	\$907,540.00
SUB-TOTAL ALTERNATE C	\$331,650.00	SUB-TOTAL ALTERNATE C	\$341,550.00	SUB-TOTAL ALTERNATE C	\$355,311.00	SUB-TOTAL ALTERNATE C	\$341,550.00	SUB-TOTAL ALTERNATE C	\$358,627.50	SUB-TOTAL ALTERNATE C	\$360,657.00	SUB-TOTAL ALTERNATE C	\$351,400.50	SUB-TOTAL ALTERNATE C	\$341,550.00
TOTAL ALTERNATE BID	\$1,628,359.00	TOTAL ALTERNATE BID	\$1,991,659.55	TOTAL ALTERNATE BID	\$2,200,500.46	TOTAL ALTERNATE BID	\$2,130,520.30	TOTAL ALTERNATE BID	\$2,223,912.90	TOTAL ALTERNATE BID	\$2,237,536.00	TOTAL ALTERNATE BID	\$2,398,474.50	TOTAL ALTERNATE BID	\$2,356,408.00