

**February 22<sup>nd</sup>, 2023**

**Agenda Item #2a**  
**2-23 Kenneth Avenue Area Utility Relay – Phase 3**

**Background**

The Engineering Department has reviewed and analyzed the bids from Carl Bowers & Sons, Feaker, Kruzcek, Dorner, PTS, Advance Construction, and DeGroot received on February 15<sup>th</sup>, 2023 at 4:00PM for the 2-23 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 \$23,271.75 with their base bid, and within \$48,073.27 for their alternate bid, which is a good indication that they are competitive, yet the City is also getting a much better price. All seven bids were within \$367,042.60 of one another, again showing the competitiveness and good prices. The engineer's estimate is compiled utilizing previous years' prices and adjusted for inflation and changes in work descriptions, and all seven bids were lower than that estimate. Attached is a comparison file showing the pricing differences between the received bids and the engineer's estimate.

**Recommended Action**

Award Project 2-23 Kenneth Avenue Area Utility Relay – Phase 3 to Carl Bowers & Sons, Kaukauna, WI for Unit A of the Base Bid, an amount of \$779,494.25 and all Alternate Bid Units (AA, BB, and CC) an amount of \$1,671,208.78 for a total bid price of \$2,450,703.03.

CITY OF KAUKAUNA																		
PROJECT 2-23 KENNETH AVENUE AREA UTILITY RELAY - PHASE 3																		
PARK STREET, KLEIN STREET, 4TH STREET, 5TH STREET, SULLIVAN AVENUE, HENDRICKS AVENUE, MINER STREET, & MAIN AVENUE																		

UNIT A - SANITARY SEWER				ENGINEER ESTIMATE		CARL BOWERS		FEAKER		KRUZCEK		DORNER		PTS		ADVANCE		DE GROOT	
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, 4425 lineal feet, more or less, all complete for:	4425	LF	\$65.00	\$287,625.00	\$62.00	\$274,350.00	\$58.75	\$259,968.75	\$66.50	\$294,262.50	\$83.00	\$367,275.00	\$63.00	\$278,775.00	\$79.00	\$349,575.00	\$65.18	\$288,421.50
A2	Furnish and Install 12" PVC Sanitary Sewer, 6 lineal feet, more or less, all complete for:	6	LF	\$75.00	\$450.00	\$110.00	\$660.00	\$104.00	\$624.00	\$219.00	\$1,314.00	\$271.00	\$1,626.00	\$280.00	\$1,680.00	\$203.00	\$1,218.00	\$120.61	\$723.66
A3	Furnish and Install 18" PVC Sanitary Sewer, 6 lineal feet, more or less, all complete for:	6	LF	\$125.00	\$750.00	\$180.00	\$1,080.00	\$140.00	\$840.00	\$271.00	\$1,626.00	\$311.00	\$1,866.00	\$300.00	\$1,800.00	\$284.00	\$1,704.00	\$298.10	\$1,788.60
A4	Furnish and Install 48" Diameter Sanitary Manhole, 125.3 vertical feet, more or less, all complete for:	125.3	VF	\$475.00	\$59,517.50	\$430.00	\$53,879.00	\$480.00	\$60,144.00	\$430.00	\$53,879.00	\$635.00	\$79,565.50	\$605.00	\$75,806.50	\$450.00	\$56,385.00	\$535.59	\$67,109.43
A5	Abandon Sanitary Sewer Manhole, 5 each, more or less, all complete for	5	EA	\$550.00	\$2,750.00	\$500.00	\$2,500.00	\$550.00	\$2,750.00	\$280.00	\$1,400.00	\$358.00	\$1,790.00	\$400.00	\$2,000.00	\$500.00	\$2,500.00	\$757.50	\$3,787.50
A6	Abandon 8" Sanitary Sewer Main, 112 lineal feet, more or less, all complete for:	112	LF	\$12.00	\$1,344.00	\$8.00	\$896.00	\$5.00	\$560.00	\$23.00	\$2,576.00	\$8.00	\$896.00	\$2.30	\$257.60	\$8.00	\$896.00	\$9.09	\$1,018.08
A7	Abandon 9" Sanitary Sewer Main, 32 lineal feet, more or less, all complete for:	32	LF	\$12.50	\$400.00	\$9.00	\$288.00	\$10.00	\$320.00	\$36.00	\$1,152.00	\$9.00	\$288.00	\$2.90	\$92.80	\$8.00	\$256.00	\$9.09	\$290.88
A8	Abandon 15" Sanitary Sewer Main, 16 lineal feet, more or less, all complete for:	16	LF	\$17.50	\$280.00	\$10.00	\$160.00	\$15.00	\$240.00	\$59.00	\$944.00	\$13.00	\$208.00	\$8.00	\$128.00	\$15.00	\$240.00	\$20.20	\$323.20
A9	Furnish and install 4" PVC laterals in public right of way, 4000 lineal feet, more or less, all complete for:	4000	LF	\$60.00	\$240,000.00	\$56.00	\$224,000.00	\$54.00	\$216,000.00	\$60.00	\$240,000.00	\$59.00	\$236,000.00	\$77.00	\$308,000.00	\$69.00	\$276,000.00	\$45.01	\$180,040.00
A10	Furnish and install 6" PVC laterals in public right of way, 100 lineal feet, more or less, all complete for:	100	LF	\$65.00	\$6,500.00	\$63.00	\$6,300.00	\$60.00	\$6,000.00	\$63.00	\$6,300.00	\$67.00	\$6,700.00	\$81.00	\$8,100.00	\$72.00	\$7,200.00	\$51.90	\$5,190.00
A11	Furnish and install 4" PVC private laterals excavated, 200 lineal feet including turf restoration, more or less, all complete for:	200	LF	\$77.50	\$15,500.00	\$30.00	\$6,000.00	\$65.00	\$13,000.00	\$11.50	\$2,300.00	\$58.00	\$11,600.00	\$65.00	\$13,000.00	\$69.00	\$13,800.00	\$50.50	\$10,100.00
A12	Furnish and install 6" PVC private laterals excavated, 50 lineal feet including turf restoration, more or less, all complete for:	50	LF	\$80.00	\$4,000.00	\$40.00	\$2,000.00	\$71.00	\$3,550.00	\$62.50	\$3,125.00	\$63.00	\$3,150.00	\$102.00	\$5,100.00	\$72.00	\$3,600.00	\$56.56	\$2,828.00
A13	Furnish and Pipe Burst 4" HDPE Private lateral to LaFollette Park, 240 lineal feet, more or less, all complete for:	240	LF	\$12.50	\$3,000.00	\$25.00	\$6,000.00	\$25.50	\$6,120.00	\$25.50	\$6,120.00	\$21.30	\$5,112.00	\$26.00	\$6,240.00	\$25.00	\$6,000.00	\$26.26	\$6,302.40
A14	Furnish and Pipe Burst 4" HDPE Private lateral to interior cleanout without LEAD WATER set-up, 500 lineal feet, more or less, all complete for:	500	LF	\$12.50	\$6,250.00	\$5.00	\$2,500.00	\$5.10	\$2,550.00	\$5.00	\$2,500.00	\$12.40	\$6,200.00	\$5.20	\$2,600.00	\$5.00	\$2,500.00	\$5.25	\$2,625.00
A15	Furnish and Pipe Burst 6" HDPE Private lateral to interior cleanout without LEAD WATER set-up, 50 lineal feet, more or less, all complete for:	50	LF	\$25.00	\$1,250.00	\$7.00	\$350.00	\$7.15	\$357.50	\$7.00	\$350.00	\$28.20	\$1,410.00	\$7.20	\$360.00	\$7.00	\$350.00	\$7.35	\$367.50
A16	Mid Pit Excavations for Sanitary Sewer Lateral replacement without LEAD WATER set-up, 10 each, more or less, all complete for:	10	EA	\$750.00	\$7,500.00	\$500.00	\$5,000.00	\$510.00	\$5,100.00	\$500.00	\$5,000.00	\$528.00	\$5,280.00	\$515.00	\$5,150.00	\$500.00	\$5,000.00	\$525.20	\$5,252.00
A17	Furnish and install new interior cleanout without LEAD WATER set-up, including all interior connections, 20 Each, more or less, all complete for:	20	EA	\$1,750.00	\$35,000.00	\$2,550.00	\$51,000.00	\$2,600.00	\$52,000.00	\$2,600.00	\$52,000.00	\$2,639.00	\$52,780.00	\$2,620.00	\$52,400.00	\$2,550.00	\$51,000.00	\$2,678.52	\$53,570.40
A18	Furnish and Pipe Burst 4" HDPE Private lateral with LEAD WATER set-up, 3000 lineal feet, more or less, all complete for:	2500	LF	\$12.50	\$31,250.00	\$5.00	\$12,500.00	\$5.10	\$12,750.00	\$6.00	\$15,000.00	\$10.60	\$26,500.00	\$5.20	\$13,000.00	\$5.00	\$12,500.00	\$5.25	\$13,125.00
A19	Furnish and install new interior cleanout with LEAD WATER set-up, including interior connections, 90 each, all complete for:	90	EA	\$1,750.00	\$157,500.00	\$1,000.00	\$90,000.00	\$1,020.00	\$91,800.00	\$1,000.00	\$90,000.00	\$1,056.00	\$95,040.00	\$1,025.00	\$92,250.00	\$1,000.00	\$90,000.00	\$1,050.40	\$94,536.00
A20	Furnish exterior connection for pipe bursting, including all restoration, 5 each, more or less, all complete for:	5	EA	\$2,250.00	\$11,250.00	\$1,500.00	\$7,500.00	\$1,530.00	\$7,650.00	\$1,530.00	\$7,650.00	\$2,112.00	\$10,560.00	\$1,540.00	\$7,700.00	\$1,500.00	\$7,500.00	\$1,575.60	\$7,878.00
A21	Furnish and install new floor drain, including clean up and restoration, 40 each, more or less, all complete for:	40	EA	\$175.00	\$7,000.00	\$100.00	\$4,000.00	\$102.00	\$4,080.00	\$100.00	\$4,000.00	\$158.00	\$6,320.00	\$103.00	\$4,120.00	\$100.00	\$4,000.00	\$105.04	\$4,201.60
A22	Furnish and install backflow valve, including all associated work, 60 each, more or less, all complete for:	60	EA	\$350.00	\$21,000.00	\$200.00	\$12,000.00	\$204.00	\$12,240.00	\$200.00	\$12,000.00	\$370.00	\$22,200.00	\$205.00	\$12,300.00	\$200.00	\$12,000.00	\$210.08	\$12,604.80
A23	Provide televising for all new sanitary sewer main, 4425 lineal feet, more or less, all complete for:	4425	LF	\$1.60	\$7,080.00	\$1.25	\$5,531.25	\$1.40	\$6,195.00	\$1.60	\$7,080.00	\$1.50	\$6,637.50	\$1.40	\$6,195.00	\$1.38	\$6,106.50	\$1.45	\$6,416.25
A24	Provide televising for all new sanitary sewer laterals, 110 each, more or less, all complete for:	110	EA	\$105.00	\$11,550.00	\$100.00	\$11,000.00	\$120.00	\$13,200.00	\$119.00	\$13,090.00	\$124.00	\$13,640.00	\$120.00	\$13,200.00	\$117.00	\$12,870.00	\$122.90	\$13,519.00
				UNIT TOTAL	\$918,746.50	UNIT TOTAL	\$779,494.25	UNIT TOTAL	\$778,039.25	UNIT TOTAL	\$823,668.50	UNIT TOTAL	\$962,644.00	UNIT TOTAL	\$910,254.90	UNIT TOTAL	\$923,200.50	UNIT TOTAL	\$782,018.80

UNIT B - GENERAL/RESTORATION																			
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	\$12.75	\$6,375.00	\$14.00	\$7,000.00	\$13.50	\$6,750.00	\$18.50	\$9,250.00	\$16.00	\$8,000.00	\$12.50	\$6,250.00	\$17.32	\$8,660.00
B2	Furnish and install 1 1/4" dense graded base, 10000 tons, more or less, all complete for:	10000	TON	\$15.00	\$150,000.00	\$12.75	\$127,500.00	\$13.00	\$130,000.00	\$13.50	\$135,000.00	\$0.01	\$100.00	\$16.00	\$160,000.00	\$14.50	\$145,000.00	\$15.30	\$153,000.00
B3	Furnish and install 3" stone base, 1000 tons, more or less, all complete for:	1000	TON	\$15.00	\$15,000.00	\$12.75	\$12,750.00	\$13.00	\$13,000.00	\$13.50	\$13,500.00	\$16.20	\$16,200.00	\$17.00	\$17,000.00	\$14.50	\$14,500.00	\$15.30	\$15,300.00
B4	Furnish, install, full depth saw cutting of all pavements and walk, 1 Lump Sum, all complete for:	1	LS	\$7,000.00	\$7,000.00	\$5,900.00	\$5,900.00	\$3,460.00	\$3,460.00	\$8,000.00	\$8,000.00	\$4,380.00	\$4,380.00	\$4,740.00	\$4,740.00	\$9,000.00	\$9,000.00	\$11,615.00	\$11,615.00
B5	Furnish all prep work for asphalt overlay, including milling, butt joints, fine grading, etc., 1 Lump Sum, all complete for:	1	LS	\$150,000.00	\$150,000.00	\$152,680.00	\$152,680.00	\$155,735.00	\$155,735.00	\$26,000.00	\$26,000.00	\$161,192.00	\$161,192.00	\$157,000.00	\$157,000.00	\$152,680.00	\$152,680.00	\$160,375.07	\$160,375.07
B6	Adjust Manholes with required rings, 10 each, more or less, all complete for:	10	EA	\$550.00	\$5,500.00	\$485.00	\$4,850.00	\$485.00	\$4,850.00	\$583.00	\$5,830.00	\$497.00	\$4,970.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$858.50	\$8,585.00
B7	Furnish and install 2" asphalt overlay, 26000 square yards, more or less, all complete for:	26000	SY	\$15.00	\$390,000.00	\$12.40	\$322,400.00	\$12.65	\$328,900.00	\$15.50	\$403,000.00	\$13.10	\$340,600.00	\$12.75	\$331,500.00	\$12.40	\$322,400.00	\$13.03	\$338,780.00
B8	Furnish and install 2" asphalt trench patch, 165 square yards, more or less, all complete for:	165	SY	\$30.00	\$4,950.00	\$18.30	\$3,019.50	\$18.65	\$3,077.25	\$20.40	\$3,366.00	\$19.30	\$3,184.50	\$18.80	\$3,102.00	\$18.30	\$3,019.50	\$19.22	\$3,171.30
B9	Furnish and install 2" asphalt patches for sidewalk and driveway patches, 100 tons, more or less, all complete for:	100	TON	\$275.00	\$27,500.00	\$240.00	\$24,000.00	\$245.00	\$24,500.00	\$200.00	\$20,000.00	\$253.00	\$25,300.00	\$245.00	\$24,500.00	\$240.00	\$24,000.00	\$252.10	\$25,210.00
B10	Furnish and install turf restoration for all disturbed areas public work, 1 Lump Sum, all complete for:	1	LS	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$14,430.00	\$14,430.00	\$30,000.00	\$30,000.00	\$13,789.00	\$13,789.00	\$10,280.00	\$10,280.00	\$22,200.00	\$22,200.00	\$57,565.12	\$57,565.12
B11	Furnish, install, and maintain all erosion control, including all inlet proection, 1 Lump Sum, all complete for:	1	LS	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$3,750.00	\$3,750.00	\$5,000.00	\$5,000.00	\$4,229.00	\$4,229.00	\$4,370.00	\$4,370.00	\$5,000.00	\$5,000.00	\$2,020.00	\$2,020.00
B12	Furnish, install, and maintain traffic control, 1 Lump Sum, all complete for:	1	LS	\$8,000.00	\$8,000.00	\$6,500.00	\$6,500.00	\$8,770.00	\$8,770.00	\$36,000.00	\$36,000.00	\$21,115.00	\$21,115.00	\$8,840.00	\$8,840.00	\$8,600.00	\$8,600.00	\$79,830.40	\$79,830.40
B13	Furnish, install, and maintain traffic control at Crooks Avenue, 1 Lump Sum, all complete for:	1	LS	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$2,040.00	\$2,040.00	\$3,600.00	\$3,600.00	\$5,588.00	\$5,588.00	\$2,050.00	\$2,050.00	\$2,000.00	\$2,000.00	\$3,781.44	\$3,781.44
B14	Furnish mobilization/demobilization of all needed equipment, 1 Lump Sum, all complete for:	1	LS	\$50,000.00	\$50,000.00	\$18,430.00	\$18,430.00	\$33,919.00	\$33,919.00	\$33,000.00	\$33,000.00	\$24,865.00	\$24,865.00	\$29,000.00	\$29,000.00	\$58,430.00	\$58,430.00	\$21,883.87	\$21,883.87
				UNIT TOTAL	\$841,950.00	UNIT TOTAL	\$708,704.50	UNIT TOTAL	\$733,431.25	UNIT TOTAL	\$729,046.00	UNIT TOTAL	\$634,762.50	UNIT TOTAL	\$765,382.00	UNIT TOTAL	\$778,079.50	UNIT TOTAL	\$889,777.20

SUB-TOTAL UNIT A	\$918,746.50	SUB-TOTAL UNIT A	\$779,494.25	SUB-TOTAL UNIT A	\$778,039.25	SUB-TOTAL UNIT A	\$823,668.50	SUB-TOTAL UNIT A	\$962,644.00	SUB-TOTAL UNIT A	\$910,254.90	SUB-TOTAL UNIT A	\$923,200.50	SUB-TOTAL UNIT A	\$782,018.80
SUB-TOTAL UNIT B	\$841,950.00	SUB-TOTAL UNIT B	\$708,704.50	SUB-TOTAL UNIT B	\$733,431.25	SUB-TOTAL UNIT B	\$729,046.00	SUB-TOTAL UNIT B	\$634,762.50	SUB-TOTAL UNIT B	\$765,382.00	SUB-TOTAL UNIT B	\$778,079.50	SUB-TOTAL UNIT B	\$889,777.20
ENGINEER ESTIMATE	\$1,760,696.50	TOTAL BASE BID	\$1,488,198.75	TOTAL BASE BID	\$1,511,470.50	TOTAL BASE BID	\$1,552,714.50	TOTAL BASE BID	\$1,597,406.50	TOTAL BASE BID	\$1,675,636.90	TOTAL BASE BID	\$1,701,280.00	TOTAL BASE BID	\$1,671,796.00

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, 140 lineal feet, more or less, all complete for:	140	LF	\$75.00	\$10,500.00	\$71.00	\$9,940.00	\$76.50	\$10,710.00	\$104.00	\$14,560.00	\$92.00	\$12,880.00	\$91.00	\$12,740.00	\$81.00	\$11,340.00	\$71.72	\$10,040.80
AA2	Furnish and install 8" PVC Water Main, 5028 lineal feet, more or less, all complete for:	5028	LF	\$70.00	\$351,960.00	\$63.00	\$316,764.00	\$68.85	\$346,177.80	\$70.00	\$351,960.00	\$86.00	\$432,408.00	\$64.00	\$321,792.00	\$81.00	\$407,268.00	\$76.80	\$386,150.40
AA3	Furnish and install 12" PVC Water Main, 55 lineal feet, more or less, all complete for:	55	LF	\$90.00	\$4,950.00	\$395.00	\$21,725.00	\$320.00	\$17,600.00	\$526.00	\$28,930.00	\$296.00	\$16,280.00	\$125.00	\$6,875.00	\$660.00	\$36,300.00	\$404.21	\$22,231.55
AA4	Furnish and install 4" Water Valve, 1 each, more or less, all complete for:	1	EA	\$1,750.00	\$1,750.00	\$2,400.00	\$2,400.00	\$2,850.00	\$2,850.00	\$2,555.00	\$2,555.00	\$2,380.00	\$2,380.00	\$2,295.00	\$2,295.00	\$2,227.00	\$2,227.00	\$2,562.37	\$2,562.37
AA5	Furnish and install 6" Water Valve, 8 each, more or less, all complete for:	8	EA	\$2,500.00	\$20,000.00	\$2,600.00	\$20,800.00	\$2,345.00	\$18,760.00	\$3,100.00	\$24,800.00	\$2,895.00	\$23,160.00	\$2,275.00	\$18,200.00	\$2,713.00	\$21,704.00	\$3,093.63	\$24,749.04
AA6	Furnish and install 8" Water Valve, 18 each, more or less, all complete for:	18	EA	\$3,250.00	\$58,500.00	\$3,200.00	\$57,600.00	\$3,050.00	\$54,900.00	\$4,015.00	\$72,270.00	\$3,758.00	\$67,644.00	\$3,000.00	\$54,000.00	\$3,498.00	\$62,964.00	\$3,876.38	\$69,774.84
AA7	Furnish and install 12" Water Valve, 2 each, more or less, all complete for:	2	EA	\$4,500.00	\$9,000.00	\$5,500.00	\$11,000.00	\$5,060.00	\$10,120.00	\$6,700.00	\$13,400.00	\$6,230.00	\$12,460.00	\$5,020.00	\$10,040.00	\$5,829.00	\$11,658.00	\$6,291.29	\$12,582.58

AA8	Furnish and install 7.5' Bury Hydrants, 8 each, more or less, all complete for:	8	EA	\$6,600.00	\$52,800.00	\$6,500.00	\$52,000.00	\$6,035.00	\$48,280.00	\$7,600.00	\$60,800.00	\$7,213.00	\$57,704.00	\$6,050.00	\$48,400.00	\$6,913.00	\$55,304.00	\$7,285.13	\$58,281.04
AA9	Furnish and install 1" water service set on 6" main, 1 each, more or less, all complete for:	1	EA	\$750.00	\$750.00	\$700.00	\$700.00	\$695.00	\$695.00	\$685.00	\$685.00	\$764.00	\$764.00	\$740.00	\$740.00	\$885.00	\$885.00	\$1,095.85	\$1,095.85
AA10	Furnish and install 1" water service set on 8" main, 90 each, more or less, all complete for:	90	EA	\$800.00	\$72,000.00	\$700.00	\$63,000.00	\$700.00	\$63,000.00	\$695.00	\$62,550.00	\$798.00	\$71,820.00	\$750.00	\$67,500.00	\$894.00	\$80,460.00	\$1,155.59	\$104,003.10
AA11	Furnish and install 2" water service set on 8" main, 2 each, more or less, all complete for:	2	EA	\$1,100.00	\$2,200.00	\$1,500.00	\$3,000.00	\$1,575.00	\$3,150.00	\$1,625.00	\$3,250.00	\$1,682.00	\$3,364.00	\$1,550.00	\$3,100.00	\$1,889.00	\$3,778.00	\$2,059.79	\$4,119.58
AA12	Furnish and install 1" water service, 2300 lineal feet, more or less, all complete for:	2300	LF	\$40.00	\$92,000.00	\$47.50	\$109,250.00	\$40.00	\$92,000.00	\$48.00	\$110,400.00	\$53.00	\$121,900.00	\$55.00	\$126,500.00	\$37.00	\$85,100.00	\$36.12	\$83,076.00
AA13	Furnish and install Temporary water service, 5028 lineal feet, more or less, all complete for:	5028	LF	\$4.00	\$20,112.00	\$0.01	\$50.28	\$6.50	\$32,682.00	\$5.00	\$25,140.00	\$0.01	\$50.28	\$7.50	\$37,710.00	\$3.00	\$15,084.00	\$9.09	\$45,704.52
AA14	Excavate & Plug/Cap 6" Water Main tee at Klein/Sullivan intersection, 1 Each, all complete for:	1	EA	\$2,500.00	\$2,500.00	\$700.00	\$700.00	\$1,365.00	\$1,365.00	\$963.00	\$963.00	\$1,416.00	\$1,416.00	\$1,950.00	\$1,950.00	\$1,000.00	\$1,000.00	\$2,862.34	\$2,862.34
AA15	Excavate & Plug/Cap 10" Water Main in Alley off of Reaume Avenue between Fourth & Fifth Street, 1 Each, all complete for:	1	EA	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$1,600.00	\$1,600.00	\$1,642.00	\$1,642.00	\$2,190.00	\$2,190.00	\$3,430.00	\$3,430.00	\$1,716.00	\$1,716.00	\$3,450.16	\$3,450.16
AA16	Furnish and install Miscellaneous Water Work on 3rd Street (Sheet 17), 1 Lump sum, all complete for:	1	LS	\$15,000.00	\$15,000.00	\$10,900.00	\$10,900.00	\$10,080.00	\$10,080.00	\$9,950.00	\$9,950.00	\$11,507.00	\$11,507.00	\$12,900.00	\$12,900.00	\$10,416.00	\$10,416.00	\$13,247.16	\$13,247.16
AA17	Salvage Hydrants, Close Valves, and Remove Boxes, 1 Lump Sum, all complete for:	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$2,100.00	\$2,100.00	\$6,450.00	\$6,450.00	\$4,919.00	\$4,919.00	\$3,000.00	\$3,000.00	\$600.00	\$600.00	\$7,070.00	\$7,070.00
AA18	Furnish and install private water service replacement for existing copper - Pulled along with sewer, 250 lineal feet, more or less, all complete for:	250	LF	\$5.50	\$1,375.00	\$3.00	\$750.00	\$3.06	\$765.00	\$3.00	\$750.00	\$5.30	\$1,325.00	\$3.00	\$750.00	\$3.00	\$750.00	\$3.15	\$787.50
AA19	Furnish and install private water service for existing copper - Pulled separate, 100 lineal feet, more or less, all complete for:	100	LF	\$55.00	\$5,500.00	\$3.00	\$300.00	\$3.06	\$306.00	\$3.00	\$300.00	\$5.00	\$500.00	\$3.00	\$300.00	\$3.00	\$300.00	\$3.15	\$315.00
AA20	Provide interior water service reconnection, 10 each, more or less, all complete for:	10	EA	\$550.00	\$5,500.00	\$200.00	\$2,000.00	\$204.00	\$2,040.00	\$200.00	\$2,000.00	\$528.00	\$5,280.00	\$205.00	\$2,050.00	\$200.00	\$2,000.00	\$210.08	\$2,100.80
AA21	Provide new electrical grounding as required due to water service replacement, 10 each, more or less, all complete for:	10	EA	\$500.00	\$5,000.00	\$450.00	\$4,500.00	\$460.00	\$4,600.00	\$460.00	\$4,600.00	\$422.00	\$4,220.00	\$460.00	\$4,600.00	\$450.00	\$4,500.00	\$472.68	\$4,726.80
				UNIT TOTAL	\$744,897.00	UNIT TOTAL	\$698,879.28	UNIT TOTAL	\$723,780.80	UNIT TOTAL	\$797,955.00	UNIT TOTAL	\$854,171.28	UNIT TOTAL	\$738,872.00	UNIT TOTAL	\$815,354.00	UNIT TOTAL	\$858,931.43

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	\$12.75	\$6,375.00	\$14.00	\$7,000.00	\$13.75	\$6,875.00	\$18.50	\$9,250.00	\$15.00	\$7,500.00	\$12.50	\$6,250.00	\$17.32	\$8,660.00
BB2	Furnish and install 1 1/4" dense graded base, 10000 tons, more or less, all complete for:	10000	TON	\$15.00	\$150,000.00	\$12.75	\$127,500.00	\$13.00	\$130,000.00	\$13.75	\$137,500.00	\$0.01	\$100.00	\$16.00	\$160,000.00	\$14.50	\$145,000.00	\$15.30	\$153,000.00
BB3	Furnish and install 3" stone base, 1000 tons, more or less, all complete for:	1000	TON	\$15.00	\$15,000.00	\$12.75	\$12,750.00	\$13.00	\$13,000.00	\$13.75	\$13,750.00	\$16.20	\$16,200.00	\$17.00	\$17,000.00	\$14.50	\$14,500.00	\$15.30	\$15,300.00
BB4	Furnish, install, full depth saw cutting of all pavements and walk, 1 Lump Sum, all complete for:	1	LS	\$7,000.00	\$7,000.00	\$5,900.00	\$5,900.00	\$3,460.00	\$3,460.00	\$2,500.00	\$2,500.00	\$4,380.00	\$4,380.00	\$4,740.00	\$4,740.00	\$10,000.00	\$10,000.00	\$3,888.50	\$3,888.50
BB5	Furnish all prep work for asphalt overlay, including milling, butt joints, fine grading, etc., 1 Lump Sum, all complete for:	1	LS	\$150,000.00	\$150,000.00	\$152,680.00	\$152,680.00	\$155,735.00	\$155,735.00	\$25,500.00	\$25,500.00	\$161,192.00	\$161,192.00	\$157,000.00	\$157,000.00	\$152,860.00	\$152,860.00	\$160,375.07	\$160,375.07
BB6	Adjust Manholes with required rings, 10 each, more or less, all complete for:	10	EA	\$550.00	\$5,500.00	\$485.00	\$4,850.00	\$485.00	\$4,850.00	\$565.00	\$5,650.00	\$497.00	\$4,970.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$858.50	\$8,585.00
BB7	Furnish and install 2" asphalt overlay, 25000 square yards, more or less, all complete for:	25000	SY	\$15.00	\$375,000.00	\$12.40	\$310,000.00	\$12.65	\$316,250.00	\$16.25	\$406,250.00	\$13.10	\$327,500.00	\$12.75	\$318,750.00	\$12.35	\$308,750.00	\$13.03	\$325,750.00
BB8	Furnish and install 2" asphalt trench patch, 165 square yards, more or less, all complete for:	165	SY	\$30.00	\$4,950.00	\$18.30	\$3,019.50	\$18.65	\$3,077.25	\$25.00	\$4,125.00	\$19.30	\$3,184.50	\$18.80	\$3,102.00	\$12.40	\$2,046.00	\$19.22	\$3,171.30
BB9	Furnish and install 2" asphalt patches for sidewalk and driveway patches, 100 tons, more or less, all complete for:	100	TON	\$275.00	\$27,500.00	\$240.00	\$24,000.00	\$245.00	\$24,500.00	\$200.00	\$20,000.00	\$253.00	\$25,300.00	\$250.00	\$25,000.00	\$240.00	\$24,000.00	\$252.10	\$25,210.00
BB10	Furnish and install turf restoration for all disturbed areas public work, 1 Lump Sum, all complete for:	1	LS	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$14,430.00	\$14,430.00	\$5,000.00	\$5,000.00	\$16,223.00	\$16,223.00	\$8,430.00	\$8,430.00	\$22,200.00	\$22,200.00	\$62,450.08	\$62,450.08
BB11	Furnish, install, and maintain all erosion control, including all inlet proection, 1 Lump Sum, all complete for:	1	LS	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$3,750.00	\$3,750.00	\$3,300.00	\$3,300.00	\$4,229.00	\$4,229.00	\$1,233.00	\$1,233.00	\$5,000.00	\$5,000.00	\$2,525.00	\$2,525.00
BB12	Furnish, install, and maintain traffic control, 1 Lump Sum, all complete for:	1	LS	\$8,000.00	\$8,000.00	\$6,500.00	\$6,500.00	\$8,770.00	\$8,770.00	\$10,000.00	\$10,000.00	\$21,115.00	\$21,115.00	\$8,840.00	\$8,840.00	\$8,600.00	\$8,600.00	\$79,830.40	\$79,830.40
BB13	Furnish, install, and maintain traffic control at Crooks Avenue, 1 Lump Sum, all complete for:	1	LS	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$2,040.00	\$2,040.00	\$4,000.00	\$4,000.00	\$9,592.00	\$9,592.00	\$2,055.00	\$2,055.00	\$2,000.00	\$2,000.00	\$3,781.44	\$3,781.44
BB14	Furnish mobilization/demobilization of all needed equipment, 1 Lump Sum, all complete for:	1	LS	\$50,000.00	\$50,000.00	\$18,430.00	\$18,430.00	\$33,919.00	\$33,919.00	\$25,000.00	\$25,000.00	\$24,865.00	\$24,865.00	\$19,000.00	\$19,000.00	\$58,430.00	\$58,430.00	\$21,883.87	\$21,883.87
				UNIT TOTAL	\$826,950.00	UNIT TOTAL	\$696,304.50	UNIT TOTAL	\$720,781.25	UNIT TOTAL	\$669,450.00	UNIT TOTAL	\$628,100.50	UNIT TOTAL	\$737,650.00	UNIT TOTAL	\$764,636.00	UNIT TOTAL	\$874,410.66

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, 85 each, more or less, all complete for:	85	EA	\$2,750.00	\$233,750.00	\$2,424.00	\$206,040.00	\$2,400.00	\$204,000.00	\$2,450.00	\$208,250.00	\$2,534.00	\$215,390.00	\$2,465.00	\$209,525.00	\$2,400.00	\$204,000.00	\$2,520.96	\$214,281.60
CC2	Pull 1" Water Service with Sanitary Service (water service cost only), 2500 lineal feet, more or less, all complete for:	2500	LF	\$5.50	\$13,750.00	\$3.03	\$7,575.00	\$3.06	\$7,650.00	\$3.00	\$7,500.00	\$3.20	\$8,000.00	\$3.00	\$7,500.00	\$3.00	\$7,500.00	\$3.15	\$7,875.00
CC3	Pull 1" Water Service separately, 500 lineal feet, more or less, all complete for:	500	LF	\$5.50	\$2,750.00	\$3.03	\$1,515.00	\$3.06	\$1,530.00	\$3.00	\$1,500.00	\$3.20	\$1,600.00	\$3.00	\$1,500.00	\$3.00	\$1,500.00	\$3.15	\$1,575.00
CC4	Provide interior water service reconnection, 85 each, more or less, all complete for:	85	EA	\$400.00	\$34,000.00	\$202.00	\$17,170.00	\$204.00	\$17,340.00	\$200.00	\$17,000.00	\$211.00	\$17,935.00	\$205.00	\$17,425.00	\$200.00	\$17,000.00	\$210.08	\$17,856.80
CC5	Mid Pit Excavations for Lead Water Service Replacement, 10 each, more or less, all complete for:	10	EA	\$750.00	\$7,500.00	\$505.00	\$5,050.00	\$510.00	\$5,100.00	\$500.00	\$5,000.00	\$528.00	\$5,280.00	\$515.00	\$5,150.00	\$500.00	\$5,000.00	\$525.20	\$5,252.00
CC6	Provide new electrical grounding as required due to water service replacement, 85 each, more or less, all complete for:	85	EA	\$500.00	\$42,500.00	\$455.00	\$38,675.00	\$460.00	\$39,100.00	\$460.00	\$39,100.00	\$475.00	\$40,375.00	\$460.00	\$39,100.00	\$450.00	\$38,250.00	\$472.68	\$40,177.80
				UNIT TOTAL	\$334,250.00	UNIT TOTAL	\$276,025.00	UNIT TOTAL	\$274,720.00	UNIT TOTAL	\$278,350.00	UNIT TOTAL	\$288,580.00	UNIT TOTAL	\$280,200.00	UNIT TOTAL	\$273,250.00	UNIT TOTAL	\$287,018.20

SUB-TOTAL UNIT A	\$918,746.50	SUB-TOTAL UNIT A	\$779,494.25	SUB-TOTAL UNIT A	\$778,039.25	SUB-TOTAL UNIT A	\$823,668.50	SUB-TOTAL UNIT A	\$962,644.00	SUB-TOTAL UNIT A	\$910,254.90	SUB-TOTAL UNIT A	\$923,200.50	SUB-TOTAL UNIT A	\$782,018.80
SUB-TOTAL UNIT B	\$841,950.00	SUB-TOTAL UNIT B	\$708,704.50	SUB-TOTAL UNIT B	\$733,431.25	SUB-TOTAL UNIT B	\$729,046.00	SUB-TOTAL UNIT B	\$634,762.50	SUB-TOTAL UNIT B	\$765,382.00	SUB-TOTAL UNIT B	\$778,079.50	SUB-TOTAL UNIT B	\$889,777.20
TOTAL BASE BID	\$1,760,696.50	TOTAL BASE BID	\$1,488,198.75	TOTAL BASE BID	\$1,511,470.50	TOTAL BASE BID	\$1,552,714.50	TOTAL BASE BID	\$1,597,406.50	TOTAL BASE BID	\$1,675,636.90	TOTAL BASE BID	\$1,701,280.00	TOTAL BASE BID	\$1,671,796.00

SUB-TOTAL ALTERNATE A	\$744,897.00	SUB-TOTAL ALTERNATE A	\$698,879.28	SUB-TOTAL ALTERNATE A	\$723,780.80	SUB-TOTAL ALTERNATE A	\$797,955.00	SUB-TOTAL ALTERNATE A	\$854,171.28	SUB-TOTAL ALTERNATE A	\$738,872.00	SUB-TOTAL ALTERNATE A	\$815,354.00	SUB-TOTAL ALTERNATE A	\$858,931.43
SUB-TOTAL ALTERNATE B	\$826,950.00	SUB-TOTAL ALTERNATE B	\$696,304.50	SUB-TOTAL ALTERNATE B	\$720,781.25	SUB-TOTAL ALTERNATE B	\$669,450.00	SUB-TOTAL ALTERNATE B	\$628,100.50	SUB-TOTAL ALTERNATE B	\$737,650.00	SUB-TOTAL ALTERNATE B	\$764,636.00	SUB-TOTAL ALTERNATE B	\$874,410.66
SUB-TOTAL ALTERNATE C	\$334,250.00	SUB-TOTAL ALTERNATE C	\$276,025.00	SUB-TOTAL ALTERNATE C	\$274,720.00	SUB-TOTAL ALTERNATE C	\$278,350.00	SUB-TOTAL ALTERNATE C	\$288,580.00	SUB-TOTAL ALTERNATE C	\$280,200.00	SUB-TOTAL ALTERNATE C	\$273,250.00	SUB-TOTAL ALTERNATE C	\$287,018.20
TOTAL ALTERNATE BID	\$1,906,097.00	TOTAL ALTERNATE BID	\$1,671,208.78	TOTAL ALTERNATE BID	\$1,719,282.05	TOTAL ALTERNATE BID	\$1,745,755.00	TOTAL ALTERNATE BID	\$1,770,851.78	TOTAL ALTERNATE BID	\$1,756,722.00	TOTAL ALTERNATE BID	\$1,853,240.00	TOTAL ALTERNATE BID	\$2,020,360.29

TOTAL BASE BID	\$1,760,696.50	TOTAL BASE BID	\$1,488,198.75	TOTAL BASE BID	\$1,511,470.50	TOTAL BASE BID	\$1,552,714.50	TOTAL BASE BID	\$1,597,406.50	TOTAL BASE BID	\$1,675,636.90	TOTAL BASE BID	\$1,701,280.00	TOTAL BASE BID	\$1,671,796.00
TOTAL ALTERNATE BID	\$1,906,097.00	TOTAL ALTERNATE BID	\$1,671,208.78	TOTAL ALTERNATE BID	\$1,719,282.05	TOTAL ALTERNATE BID	\$1,745,755.00	TOTAL ALTERNATE BID	\$1,770,851.78	TOTAL ALTERNATE BID	\$1,756,722.00	TOTAL ALTERNATE BID	\$1,853,240.00	TOTAL ALTERNATE BID	\$2,020,360.29
TOTAL BID	\$2,839,843.50	TOTAL BID	\$2,450,703.03	TOTAL BID	\$2,509,971.30	TOTAL BID	\$2,629,019.50	TOTAL BID	\$2,740,157.78	TOTAL BID	\$2,694,708.90	TOTAL BID	\$2,789,884.00	TOTAL BID	\$2,817,745.63

TOTAL BASE + ALT BID	\$2,450,703.03
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