



# MEMO

## Engineering Department

To: Board of Public Works

From: Taylor Conger

Date: December 16, 2024

Re: **Agenda Item #2a:** Authorization to award Project #12-24 – CTH J Sewer Extension

### Background information:

The Engineering Department has reviewed and analyzed the bids from Feaker & Sons, Kruczek Construction, Carl Bowers & Sons, DeGroot Inc., Advance Construction, Dorner Inc., Alfson Excavating, and Calnin & Goss received on December 4<sup>th</sup>, 2024 at 4:00pm for the 12-24 CTH J Sewer Extension project. The Engineering Department received eight bids for this project and compared said bids against the Engineer's estimate that was put together prior to bid opening. The Engineer's estimate is compiled utilizing previous years' prices and adjusted for inflation and changes in work descriptions. The lowest bidder was \$15,572 lower than the Engineer estimate, and was \$22,549.22 lower than the second lowest bidder, which shows that the City is getting a great price to complete this work. All eight bidders were within \$81,000 which shows that the bids were competitive. Attached are comparison files showing the pricing differences between the eight received bids and between the Engineer estimate and low bidder.

### Strategic Plan:

N/A

### Budget:

Funds will be taken from the 466 – Tax Incremental District #6 Fund Sanitary Account. City spending estimated to be near \$67,000, with the remaining costs being recouped from Kaukauna Utilities. Total project cost estimated to be near \$130,000.

### Staff Recommended Action:

Motion to Award Project 12-24 CTH J Sewer Extension to Feaker & Sons, De Pere, WI for both Units A and B, a total amount of \$129,673.00.

CITY OF KAUKAUNA							
PROJECT 12-24 CTH J SEWER EXTENSION							
CTH J/JJ							
BASE BID UNIT A - SANITARY SEWER CONSTRUCTION				ENGINEER ESTIMATE		FEAKER & SONS	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
A1	Furnish and Install 8" PVC Sanitary Sewer, 387 lineal feet, more or less, all complete for:	387	LF	\$75.00	\$29,025.00	\$54.00	\$20,898.00
A2	Furnish and Install 48" Diameter Sanitary Manhole, 19 vertical feet, more or less, all complete for:	19	VF	\$600.00	\$11,400.00	\$455.00	\$8,645.00
A3	Furnish and install turf restoration for all disturbed areas public work, 1 Lump Sum, all complete for:	1	LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
A4	Furnish and install granular backfill as directed by Engineer, 1500 tons, more or less, all complete for:	1,500	TON	\$16.00	\$24,000.00	\$16.00	\$24,000.00
A5	Furnish and install 8"x4" Wye for Sanitary Lateral, 1 each, more or less, all complete for:	1	EA	\$800.00	\$800.00	\$205.00	\$205.00
A6	Furnish and install 4" SCH 40 PVC lateral riser, 10 lineal feet, more or less, all complete for:	10	LF	\$50.00	\$500.00	\$60.00	\$600.00
A7	Furnish mobilization/demobilization of all needed equipment, 1 Lump Sum, all complete for:	1	LS	\$10,000.00	\$10,000.00	\$2,700.00	\$2,700.00
				UNIT TOTAL	\$80,725.00	UNIT TOTAL	\$67,048.00
BASE BID UNIT B - WATER MAIN CONSTRUCTION							
B1	Furnish and Install 6" Water Main, 12 lineal feet, more or less, all complete for:	12	LF	\$85.00	\$1,020.00	\$50.00	\$600.00
B2	Furnish and Install 12" PVC Water Main, 400 lineal feet, more or less, all complete for:	400	LF	\$90.00	\$36,000.00	\$88.00	\$35,200.00
B3	Furnish and install granular backfill as directed by Engineer, 250 tons, more or less, all complete for:	250	TON	\$16.00	\$4,000.00	\$16.00	\$4,000.00
B4	Furnish and Install 12"x4" Water Tee for Water Service, 1 each, more or less, all complete for:	1	EA	\$5,000.00	\$5,000.00	\$5,145.00	\$5,145.00
B5	Furnish and Install 6" Water Valve, 1 each, more or less, all complete for:	1	EA	\$3,000.00	\$3,000.00	\$2,205.00	\$2,205.00
B6	Furnish and Install 12" Water Valve, 2 each, more or less, all complete for:	2	EA	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00
B7	Furnish and Install 7' Bury Hydrants, 1 each, more or less, all complete for:	1	EA	\$7,500.00	\$7,500.00	\$5,475.00	\$5,475.00
				UNIT TOTAL	\$64,520.00	UNIT TOTAL	\$62,625.00
				TOTAL	\$145,245.00	TOTAL	\$129,673.00

CITY OF KAUKAUNA
PROJECT 12-24 CTH J SEWER EXTENSION
CTH J/JJ

BASE BID UNIT A - SANITARY SEWER CONSTRUCTION				FEAKER & SONS		KRUCZEK CONSTRUCTION		CARL BOWERS & SONS		DEGROOT INC.		ADVANCE CONSTRUCTION		DORNER INC.		ALFSON EXCAVATING		CALNIN & GOSS	
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, 387 lineal feet, more or less, all complete for:	387	LF	\$54.00	\$20,898.00	\$81.00	\$31,347.00	\$112.00	\$43,344.00	\$132.19	\$51,157.53	\$137.00	\$53,019.00	\$131.00	\$50,697.00	\$195.00	\$75,465.00	\$164.91	\$63,820.17
A2	Furnish and Install 48" Diameter Sanitary Manhole, 19 vertical feet, more or less, all complete for:	19	VF	\$455.00	\$8,645.00	\$524.00	\$9,956.00	\$500.00	\$9,500.00	\$531.91	\$10,106.29	\$655.00	\$12,445.00	\$708.00	\$13,452.00	\$790.00	\$15,010.00	\$652.70	\$12,401.30
A3	Furnish and install turf restoration for all disturbed areas public work, 1 Lump Sum, all complete for:	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$2,700.00	\$2,700.00	\$6,565.00	\$6,565.00	\$12,000.00	\$12,000.00	\$10,115.00	\$10,115.00	\$8,000.00	\$8,000.00	\$6,414.75	\$6,414.75
A4	Furnish and install granular backfill as directed by Engineer, 1500 tons, more or less, all complete for:	1,500	TON	\$16.00	\$24,000.00	\$17.00	\$25,500.00	\$13.00	\$19,500.00	\$16.16	\$24,240.00	\$14.10	\$21,150.00	\$20.00	\$30,000.00	\$10.00	\$15,000.00	\$23.14	\$34,710.00
A5	Furnish and install 8"x4" Wye for Sanitary Lateral, 1 each, more or less, all complete for:	1	EA	\$205.00	\$205.00	\$300.00	\$300.00	\$250.00	\$250.00	\$761.54	\$761.54	\$110.00	\$110.00	\$231.00	\$231.00	\$250.00	\$250.00	\$467.28	\$467.28
A6	Furnish and install 4" SCH 40 PVC lateral riser, 10 lineal feet, more or less, all complete for:	10	LF	\$60.00	\$600.00	\$78.00	\$780.00	\$95.00	\$950.00	\$202.00	\$2,020.00	\$95.00	\$950.00	\$218.00	\$2,180.00	\$130.00	\$1,300.00	\$278.95	\$2,789.50
A7	Furnish mobilization/demobilization of all needed equipment, 1 Lump Sum, all complete for:	1	LS	\$2,700.00	\$2,700.00	\$12,249.00	\$12,249.00	\$5,000.00	\$5,000.00	\$6,565.00	\$6,565.00	\$12,000.00	\$12,000.00	\$12,338.00	\$12,338.00	\$10,000.00	\$10,000.00	\$6,414.75	\$6,414.75
				UNIT TOTAL	\$67,048.00	UNIT TOTAL	\$90,132.00	UNIT TOTAL	\$81,244.00	UNIT TOTAL	\$101,415.36	UNIT TOTAL	\$111,674.00	UNIT TOTAL	\$119,013.00	UNIT TOTAL	\$125,025.00	UNIT TOTAL	\$127,017.75

BASE BID UNIT B - WATER MAIN CONSTRUCTION																			
B1	Furnish and Install 6" Water Main, 12 lineal feet, more or less, all complete for:	12	LF	\$50.00	\$600.00	\$52.25	\$627.00	\$100.00	\$1,200.00	\$51.51	\$618.12	\$100.00	\$1,200.00	\$62.00	\$744.00	\$90.00	\$1,080.00	\$180.73	\$2,168.76
B2	Furnish and Install 12" PVC Water Main, 400 lineal feet, more or less, all complete for:	400	LF	\$88.00	\$35,200.00	\$87.00	\$34,800.00	\$112.00	\$44,800.00	\$101.12	\$40,448.00	\$120.00	\$48,000.00	\$97.00	\$38,800.00	\$135.00	\$54,000.00	\$116.53	\$46,612.00
B3	Furnish and install granular backfill as directed by Engineer, 250 tons, more or less, all complete for:	250	TON	\$16.00	\$4,000.00	\$17.00	\$4,250.00	\$13.00	\$3,250.00	\$16.16	\$4,040.00	\$14.10	\$3,525.00	\$20.00	\$5,000.00	\$10.00	\$2,500.00	\$19.56	\$4,890.00
B4	Furnish and Install 12"x4" Water Tee for Water Service, 1 each, more or less, all complete for:	1	EA	\$5,145.00	\$5,145.00	\$3,105.00	\$3,105.00	\$3,500.00	\$3,500.00	\$3,838.00	\$3,838.00	\$3,150.00	\$3,150.00	\$3,947.00	\$3,947.00	\$4,250.00	\$4,250.00	\$1,636.33	\$1,636.33
B5	Furnish and Install 6" Water Valve, 1 each, more or less, all complete for:	1	EA	\$2,205.00	\$2,205.00	\$2,100.00	\$2,100.00	\$2,400.00	\$2,400.00	\$2,432.08	\$2,432.08	\$2,120.00	\$2,120.00	\$2,672.00	\$2,672.00	\$2,500.00	\$2,500.00	\$3,427.33	\$3,427.33
B6	Furnish and Install 12" Water Valve, 2 each, more or less, all complete for:	2	EA	\$5,000.00	\$10,000.00	\$5,454.11	\$10,908.22	\$5,400.00	\$10,800.00	\$5,358.05	\$10,716.10	\$4,900.00	\$9,800.00	\$5,968.00	\$11,936.00	\$6,000.00	\$12,000.00	\$7,160.08	\$14,320.16
B7	Furnish and Install 7" Bury Hydrants, 1 each, more or less, all complete for:	1	EA	\$5,475.00	\$5,475.00	\$6,300.00	\$6,300.00	\$6,000.00	\$6,000.00	\$6,063.03	\$6,063.03	\$5,900.00	\$5,900.00	\$7,859.00	\$7,859.00	\$6,000.00	\$6,000.00	\$8,271.32	\$8,271.32
				UNIT TOTAL	\$62,625.00	UNIT TOTAL	\$62,090.22	UNIT TOTAL	\$71,950.00	UNIT TOTAL	\$68,155.33	UNIT TOTAL	\$73,695.00	UNIT TOTAL	\$70,958.00	UNIT TOTAL	\$82,330.00	UNIT TOTAL	\$81,325.90

TOTAL	\$129,673.00	TOTAL	\$152,222.22	TOTAL	\$153,194.00	TOTAL	\$169,570.69	TOTAL	\$185,369.00	TOTAL	\$189,971.00	TOTAL	\$207,355.00	TOTAL	\$208,343.65
-------	--------------	-------	--------------	-------	--------------	-------	--------------	-------	--------------	-------	--------------	-------	--------------	-------	--------------