



Board of Aldermen Request for Action

MEETING DATE: 3/7/2023

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1199, awarding RFP 23-03, 4th Street and 4th Terrace Improvements

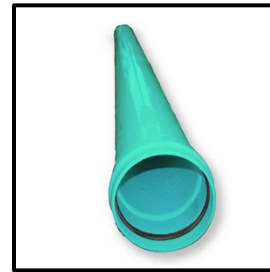
REQUESTED BOARD ACTION:

A motion to approve Resolution 1199, awarding RFP 23-03, 4th Street and 4th Terrace Improvements to Menke Excavating in an amount of \$885,740.13

SUMMARY: Included in the 2023 CIP are improvements to 4th Street and 4th Terrace and replacing the water main along Manzanola. The improvements include replacing the water lines, sewer improvements, storm sewer and rebuilding the street with curb and gutter.



This is a section from the 2-inch main serving several homes.



The new line will be 8-inch C-900

The City received 5 bids (bid tabulation attached). Menke Excavating provided the best bid in an amount of \$885,740.13.

The FY2023 budget includes \$575,000 in the CWWS Fund to pay for the watermain improvements, \$100,000 in the Park and Stormwater Sales Tax Fund to pay for stormwater and curb improvements (reallocated from the Stormwater Master Plan Budget of \$150,000, which will not be fully utilized), and \$150,000 in the Transportation Sales Tax Fund to pay for the road repairs and overlay following the waterline improvement. This gives staff total budget authority **\$825,000** across two funds.

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The total project cost for the 4th Street and 4th Terrace Improvements is broken down in these cost categories for budgeting purposes:

Waterline Improvements	\$448,084.70
Sanitary Sewer Improvements	\$38,399.90
Stormwater & Curb Improvements	\$88,023.92
Street & Overlay Improvements	\$311,231.61
Grand Total	\$885,740.13

Each fund has sufficient budget authority, except for the Transportation Sales Tax Fund. Staff is proposing a budget amendment in the Transportation Sales Tax Fund of \$165,000 to pay for the street & overlay portion of the 4th Street and 4th Terrace street and overlay improvements. The fund has sufficient cashflow to pay for this overage.

Included for the Boards approval is a \$50,000 force account. These funds are for Change Orders that are a result of unforeseen issues or quantity overruns.

PREVIOUS ACTION:

None

POLICY ISSUE:

Facility / infrastructure maintenance

FINANCIAL CONSIDERATIONS:

ATTACHMENTS:

☐ Ordinance

☒ Resolution

☐ Staff Report

☒ Other: Bid Tab

☐ Contract

☐ Plans

☐ Minutes

RESOLUTION 1199

A RESOLUTION AWARDING RFP 23-03, 4TH STREET AND 4TH TERRACE IMPROVEMENTS

WHEREAS, Bids were opened and read aloud on February 28, 2023 for RFP 23-03, 4th Street and 4th Terrace Improvements ; and

WHEREAS, Menke Excavating submitted the most responsive bid in an amount of \$885,740.13.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI, AS FOLLOWS:

Award bid to Menke Excavating in an amount of \$885,740.13 for Project 23-03, 4th Street and 4th Terrace Improvements.

And a Force Account of \$50,000 is approved for a total project amount of \$935,740.13

PASSED AND ADOPTED by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 7th day of March, 2023

Damien Boley, Mayor

ATTEST:

Linda Drummond, City Clerk

SMITHVILLE, MO
4TH TERRACE & 4TH STREET WATERMAIN IMPROVEMENTS
Bid Opening
February 28, 2023

4TH TERRACE, 4TH STREET & MANZANOLA RECONSTRUCT				Engineer Estimate		Menke Excavating LLC		AMINO BROS Co. INC		Blue Moon Hauling		CP Excavating		Superior Bowen	
Item	Description	Quantity	Unit	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1	Mobilization	1	L.S.	\$75,000.00	\$75,000.00	\$41,700.00	\$41,700.00	\$46,711.00	\$46,711.00	\$32,853.00	\$32,853.00	\$241,500.00	\$241,500.00	\$20,000.00	\$20,000.00
2	Removals	1	L.S.	\$75,000.00	\$75,000.00	\$20,395.00	\$20,395.00	\$69,789.00	\$69,789.00	\$66,321.00	\$66,321.00	\$77,200.00	\$77,200.00	\$46,600.00	\$46,600.00
3	Traffic Control	1	L.S.	\$25,000.00	\$25,000.00	\$8,000.00	\$8,000.00	\$3,012.00	\$3,012.00	\$13,200.00	\$13,200.00	\$25,000.00	\$25,000.00	\$15,750.00	\$15,750.00
4	Earthwork	1	L.S.	\$30,000.00	\$30,000.00	\$29,645.00	\$29,645.00	\$99,909.00	\$99,909.00	\$60,252.00	\$60,252.00	\$204,500.00	\$204,500.00	\$33,400.00	\$33,400.00
5	8" Watermain Open Cut	1765	L.F.	\$100.00	\$176,500.00	\$49.00	\$86,485.00	\$107.00	\$188,855.00	\$127.37	\$224,808.05	\$68.00	\$120,020.00	\$168.00	\$296,520.00
6	8" Watermain Direction Bore	303	L.F.	\$150.00	\$45,450.00	\$145.00	\$43,935.00	\$182.00	\$55,146.00	\$142.00	\$43,026.00	\$664.00	\$201,192.00	\$278.25	\$84,309.75
7	8" Valve	12	EA	\$2,500.00	\$30,000.00	\$3,060.00	\$36,720.00	\$2,387.00	\$28,644.00	\$2,821.00	\$33,852.00	\$2,965.00	\$35,580.00	\$2,100.00	\$25,200.00
8	10" Valve	4	EA	\$3,000.00	\$12,000.00	\$4,185.50	\$16,742.00	\$3,599.00	\$14,396.00	\$4,222.00	\$16,888.00	\$4,450.00	\$17,800.00	\$3,360.00	\$13,440.00
9	Fittings (4", 8" & 10")	19	EA	\$600.00	\$11,400.00	\$1,986.00	\$37,734.00	\$1,201.00	\$22,819.00	\$732.00	\$13,908.00	\$930.00	\$17,670.00	\$787.50	\$14,962.50
10	Fire Hydrant Assembly	6	EA	\$6,000.00	\$36,000.00	\$7,540.50	\$45,243.00	\$7,455.00	\$44,730.00	\$6,828.00	\$40,968.00	\$6,120.00	\$36,720.00	\$8,400.00	\$50,400.00
11	Water Service Connection, Trenched 1"	30	EA	\$2,000.00	\$60,000.00	\$1,635.19	\$49,055.70	\$2,474.00	\$74,220.00	\$2,598.00	\$77,940.00	\$2,200.00	\$66,000.00	\$3,150.00	\$94,500.00
12	Abandon Existing Watermains	1	L.S.	\$15,000.00	\$15,000.00	\$7,120.00	\$7,120.00	\$8,606.00	\$8,606.00	\$5,100.00	\$5,100.00	\$7,500.00	\$7,500.00	\$10,500.00	\$10,500.00
13	Manhole, Sanitary	30	EA	\$8,000.00	\$240,000.00	\$1,015.83	\$30,474.90	\$1,447.00	\$43,410.00	\$2,460.00	\$73,800.00	\$2,055.00	\$61,650.00	\$1,890.00	\$56,700.00
14	Manhole Adjustment, Sanitary	1	EA	\$2,500.00	\$2,500.00	\$7,925.00	\$7,925.00	\$1,057.00	\$1,057.00	\$3,300.00	\$3,300.00	\$5,000.00	\$5,000.00	\$1,995.00	\$1,995.00
15	Reinforced Concrete Pipe, 12"	172	L.F.	\$75.00	\$12,900.00	\$68.50	\$11,782.00	\$122.00	\$20,984.00	\$174.26	\$29,972.72	\$54.00	\$9,288.00	\$94.50	\$16,254.00
16	Reinforced Concrete Pipe, 15"	195	L.F.	\$85.00	\$16,575.00	\$68.50	\$13,357.50	\$112.00	\$21,840.00	\$132.00	\$25,740.00	\$51.00	\$9,945.00	\$99.75	\$19,451.25
17	Reinforced Concrete Pipe, 18"	185	L.F.	\$95.00	\$17,575.00	\$67.40	\$12,469.00	\$105.00	\$19,425.00	\$159.00	\$29,415.00	\$52.00	\$9,620.00	\$105.00	\$19,425.00
18	Reinforced Concrete Pipe Flared End, 18"	7	EA	\$1,500.00	\$10,500.00	\$546.00	\$3,822.00	\$1,042.00	\$7,294.00	\$1,800.00	\$12,600.00	\$1,360.00	\$9,520.00	\$1,000.00	\$7,000.00
19	CMP Flared End, 18"	1	EA	\$1,000.00	\$1,000.00	\$1,123.00	\$1,123.00	\$708.00	\$708.00	\$640.00	\$640.00	\$905.00	\$905.00	\$480.00	\$480.00
20	Precast Curb Inlet	4	EA	\$5,000.00	\$20,000.00	\$6,930.00	\$27,720.00	\$5,692.00	\$22,516.00	\$5,894.00	\$23,576.00	\$5,745.00	\$22,980.00	\$7,350.00	\$29,400.00
21	Precast Area Inlet	1	EA	\$3,500.00	\$3,500.00	\$5,676.00	\$5,676.00	\$4,841.00	\$4,841.00	\$5,964.00	\$5,964.00	\$7,305.00	\$7,305.00	\$6,825.00	\$6,825.00
22	Manhole, Storm Sewer	1	EA	\$5,000.00	\$5,000.00	\$5,676.26	\$5,676.26	\$4,897.00	\$4,897.00	\$5,004.00	\$5,004.00	\$4,920.00	\$4,920.00	\$5,250.00	\$5,250.00
23	Concrete Curb and Gutter	1578	L.F.	\$50.00	\$78,900.00	\$22.33	\$35,236.74	\$28.20	\$44,499.60	\$33.00	\$52,074.00	\$32.50	\$51,285.00	\$25.10	\$39,607.80
24	Concrete Flume	2	EA	\$3,000.00	\$6,000.00	\$1,650.00	\$3,300.00	\$2,012.00	\$4,024.00	\$850.00	\$1,700.00	\$2,730.00	\$5,460.00	\$2,950.00	\$5,900.00
25	Optional Pavement, 8" HMA or 8"PCC	1580	S.Y.	\$100.00	\$158,000.00	\$96.98	\$153,228.40	\$77.00	\$121,660.00	\$48.00	\$75,840.00	\$65.00	\$102,700.00	\$127.70	\$201,766.00
26	Pavement 8" PCC	256	S.Y.	\$100.00	\$25,600.00	\$101.45	\$25,971.20	\$99.15	\$25,382.40	\$132.00	\$33,792.00	\$100.00	\$25,600.00	\$111.60	\$28,569.60
27	Driveway, PCC 6"	891	S.Y.	\$85.00	\$75,735.00	\$74.25	\$66,156.75	\$71.15	\$63,394.65	\$88.00	\$78,408.00	\$90.00	\$80,190.00	\$81.95	\$73,017.45
28	Full Depth Pavement Repair 8"	24	S.Y.	\$85.00	\$2,040.00	\$98.01	\$2,352.24	\$176.00	\$4,224.00	\$198.00	\$4,752.00	\$130.00	\$3,120.00	\$222.10	\$5,330.40
29	Subgrade, 6" AB-3	2381	C.Y.	\$12.00	\$28,572.00	\$11.88	\$28,286.28	\$17.75	\$42,262.75	\$17.92	\$42,667.52	\$16.00	\$38,096.00	\$14.05	\$33,453.05
30	Riprap (light stone)	26	C.Y.	\$100.00		\$119.16	\$3,098.16	\$196.00	\$5,096.00	\$350.00	\$9,100.00	\$155.00	\$4,030.00	\$178.50	\$4,641.00
31	Erosion Control	1	L.S.	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00	\$9,998.00	\$9,998.00	\$6,500.00	\$6,500.00	\$25,000.00	\$25,000.00	\$6,050.00	\$6,050.00
32	Seeding & Mulching	1	L.S.	\$15,000.00	\$15,000.00	\$17,810.00	\$17,810.00	\$6,023.00	\$6,023.00	\$4,600.00	\$4,600.00	\$15,000.00	\$15,000.00	\$3,990.00	\$3,990.00
SUBTOTAL					\$1,325,747.00		\$885,740.13		\$1,130,373.40		\$1,148,561.29		\$1,542,296.00		\$1,270,687.80
CONTINGENCIES (10%)					\$200,000.00										
TOTAL					\$1,525,747.00		\$885,740.13		\$1,130,373.40		\$1,148,561.29		\$1,542,296.00		\$1,270,687.80