

Anjuman A. Islam, Ph.D.
Water Utility Director
Nathaniel Tillis
Wastewater Utility Director



Kenneth M. Scolaro
Administrative Manager
Chad W. Regalia, P.E.
Chief Engineer

MEMORANDUM

DATE: May 21, 2025
TO: Board of Waterworks Commissioners
FROM: Anjuman Islam, Ph.D.; Executive Director
SUBJECT: **W-25-8 – 2025 42” Transmission Water Main, Phase 4 (REBID)**

On May 8, 2025, the Utility opened bids on the subject project. The following bids were received:

| <i>CONTRACTOR BIDDER</i> | <i>TOTAL BID AMOUNT</i> |
|-----------------------------------|-------------------------|
| A.W. Oakes & Son, Inc. | \$9,374,674.00 |
| Super Excavators, Inc. | \$10,113,474.00 |
| Mid City Corp. | \$10,305,278.00 |

The lowest responsible bidder is A.W. Oakes & Son, Inc. at a bid price of \$9,374,674.00. I recommend that the contract be awarded to A.W. Oakes & Son, Inc. at their bid amount of \$9,374,674.00. The engineer's estimate on this project is \$8,760,975.00.

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COST COMPARISON OF B COST COMPARISON OF BIDDERS

OWNER: Racine Water and Wastewater Utility
PROJECT: REBID 42-inch Transmission Water Main Phase 4 - Osbourne Blvd to Jones St
BID OPENING DATE: May 8, 2025

| BASE BID | | | | Engineer Estimate | | A.W. Oakea & Son, Inc. | | Super Excavators, Inc. | | Mid City Corporation | |
|----------|---|----------|--------|-------------------|----------------|------------------------|----------------|------------------------|----------------|----------------------|----------------|
| ITEM # | ITEM DESCRIPTION | UNIT | QTY. | UNIT \$ | TOTAL | UNIT \$ | TOTAL | UNIT \$ | TOTAL | UNIT \$ | TOTAL |
| 1 | Mobilization | L.S. | 1 | \$220,000.00 | \$220,000.00 | \$174,500.00 | \$174,500.00 | \$331,283.00 | \$331,283.00 | \$725,000.00 | \$725,000.00 |
| 2 | Traffic Control | L.S. | 1 | \$80,000.00 | \$80,000.00 | \$40,000.00 | \$40,000.00 | \$36,789.00 | \$36,789.00 | \$75,000.00 | \$75,000.00 |
| 3 | Tracking Pad | S.F. | 1,800 | \$2.00 | \$3,600.00 | \$3.00 | \$5,400.00 | \$3.00 | \$5,400.00 | \$4.50 | \$8,100.00 |
| 4 | Silt Fence | L.F. | 2,925 | \$3.00 | \$8,775.00 | \$2.50 | \$7,312.50 | \$3.00 | \$8,775.00 | \$2.05 | \$5,996.25 |
| 5 | Barrier Fence | L.F. | 1,330 | \$3.50 | \$4,655.00 | \$5.00 | \$6,650.00 | \$5.00 | \$6,650.00 | \$3.65 | \$4,854.50 |
| 6 | Inlet Sediment Guard, Type B | E.A. | 22 | \$140.00 | \$3,080.00 | \$80.00 | \$1,760.00 | \$81.00 | \$1,782.00 | \$58.00 | \$1,278.00 |
| 7 | Inlet Sediment Guard, Type D | E.A. | 34 | \$140.00 | \$4,760.00 | \$115.00 | \$3,910.00 | \$146.00 | \$4,964.00 | \$85.00 | \$2,890.00 |
| 8 | Tree Clearing | STA. | 6 | \$10,000.00 | \$62,000.00 | \$3,800.00 | \$23,560.00 | \$3,970.00 | \$24,614.00 | \$3,295.00 | \$20,429.00 |
| 9 | Tree Trimming | L.S. | 1 | \$4,400.00 | \$4,400.00 | \$6,900.00 | \$6,900.00 | \$7,200.00 | \$7,200.00 | \$5,675.00 | \$5,675.00 |
| 10 | Temporary seed and Type B Soil Stabilizer | S.Y. | 16,000 | \$1.00 | \$16,000.00 | \$0.85 | \$10,400.00 | \$1.00 | \$16,000.00 | \$0.33 | \$5,280.00 |
| 11 | Topsoil, Seed, Fertilizer, and Hydromulch | S.Y. | 16,000 | \$15.00 | \$240,000.00 | \$6.00 | \$96,000.00 | \$16.00 | \$256,000.00 | \$2.65 | \$42,400.00 |
| 12 | Topsoil, Seed, Fertilizer, and Erosion Mat (Terrace areas) | S.Y. | 1,250 | \$12.00 | \$15,000.00 | \$20.00 | \$25,000.00 | \$9.00 | \$11,250.00 | \$3.50 | \$4,375.00 |
| 13 | Dust Control using Calcium Chloride | 100 lbs | 100 | \$75.00 | \$7,500.00 | \$1.00 | \$100.00 | \$81.00 | \$8,100.00 | \$100.00 | \$10,000.00 |
| 14 | Dust Control using Water | 1000 gal | 100 | \$50.00 | \$5,000.00 | \$60.00 | \$6,000.00 | \$81.00 | \$8,100.00 | \$75.00 | \$7,500.00 |
| 15 | 42-inch Water Main w/ Slurry Backfill | L.F. | 3,095 | \$1,000.00 | \$3,095,000.00 | \$1,140.00 | \$3,528,300.00 | \$1,186.00 | \$3,670,670.00 | \$1,100.00 | \$3,404,500.00 |
| 16 | 42-inch Water Main w/ Granular Backfill | L.F. | 125 | \$950.00 | \$118,750.00 | \$1,065.00 | \$133,125.00 | \$1,196.00 | \$149,500.00 | \$1,050.00 | \$131,250.00 |
| 17 | 42-inch Water Main w/ Spoil Backfill | L.F. | 1,825 | \$800.00 | \$1,460,000.00 | \$782.00 | \$1,427,150.00 | \$838.00 | \$1,529,350.00 | \$965.00 | \$1,761,125.00 |
| 18 | 42-inch DI or PCCP Water Main w/ Concrete Anchors and Spoil Backfill | L.F. | 340 | \$1,900.00 | \$646,000.00 | \$2,200.00 | \$748,000.00 | \$2,107.00 | \$716,380.00 | \$2,700.00 | \$918,000.00 |
| 19 | 42-inch Water Main in 60-inch Steel Casing Jack and Bore at River Crossing | L.F. | 280 | \$4,525.00 | \$1,267,000.00 | \$4,950.00 | \$1,386,000.00 | \$4,848.00 | \$1,356,880.00 | \$5,250.00 | \$1,470,000.00 |
| 20 | Connection to Existing PCCP 42-inch Water Main at Sta. 154+18 | L.S. | 1 | \$20,000.00 | \$20,000.00 | \$45,000.00 | \$45,000.00 | \$38,087.00 | \$38,087.00 | \$90,000.00 | \$90,000.00 |
| 21 | Connection to Existing PCCP 42-inch Water Main at Sta. 353+00 | L.S. | 1 | \$20,000.00 | \$20,000.00 | \$45,000.00 | \$45,000.00 | \$38,087.00 | \$38,087.00 | \$90,000.00 | \$90,000.00 |
| 22 | Connection to Existing DI 42-inch Water Main at Sta. 270+10 and 272+10 | L.S. | 2 | \$5,000.00 | \$10,000.00 | \$37,000.00 | \$74,000.00 | \$35,183.00 | \$70,366.00 | \$75,000.00 | \$150,000.00 |
| 23 | 42-inch Butterfly Valve | EA. | 3 | \$75,000.00 | \$225,000.00 | \$88,000.00 | \$264,000.00 | \$93,927.00 | \$281,781.00 | \$80,000.00 | \$240,000.00 |
| 24 | Hydrant Assembly with 42"x6" Tapping Sleeve and 6-inch Tapping Valve | EA. | 3 | \$17,000.00 | \$51,000.00 | \$17,500.00 | \$52,500.00 | \$27,474.00 | \$82,422.00 | \$20,000.00 | \$60,000.00 |
| 25 | Valve Vault Manhole | EA. | 1 | \$47,000.00 | \$47,000.00 | \$172,000.00 | \$172,000.00 | \$223,408.00 | \$223,408.00 | \$65,000.00 | \$65,000.00 |
| 26 | 6-inch Water Main / Hydrant Lead with Slurry Backfill | L.F. | 20 | \$760.00 | \$15,200.00 | \$220.00 | \$4,400.00 | \$851.00 | \$13,020.00 | \$500.00 | \$10,000.00 |
| 27 | 6-inch Water Main / Hydrant Lead with Spoil Backfill | L.F. | 12 | \$350.00 | \$4,200.00 | \$180.00 | \$2,160.00 | \$460.00 | \$5,520.00 | \$450.00 | \$5,400.00 |
| 28 | 1-inch Water Service Relay | L.F. | 305 | \$200.00 | \$61,000.00 | \$140.00 | \$42,700.00 | \$306.00 | \$93,330.00 | \$250.00 | \$76,250.00 |
| 29 | 1-inch Tap, Saddle and Corporation Valve | EA. | 13 | \$200.00 | \$2,600.00 | \$700.00 | \$9,100.00 | \$463.00 | \$6,019.00 | \$500.00 | \$6,500.00 |
| 30 | 1-inch Curb Valve and Box | EA. | 13 | \$400.00 | \$5,200.00 | \$600.00 | \$7,800.00 | \$447.00 | \$5,811.00 | \$500.00 | \$6,500.00 |
| 31 | Water Service Offset 3/4-inch to 2-inch | EA. | 2 | \$1,500.00 | \$3,000.00 | \$5,000.00 | \$10,000.00 | \$5,861.00 | \$11,702.00 | \$3,500.00 | \$7,000.00 |
| 32 | 4-inch Thick Insulation | L.F. | 140 | \$35.00 | \$4,900.00 | \$35.00 | \$4,900.00 | \$17.00 | \$2,380.00 | \$30.00 | \$4,200.00 |
| 33 | Water Service Insulation | L.F. | 305 | \$30.00 | \$9,150.00 | \$35.00 | \$10,675.00 | \$11.00 | \$3,355.00 | \$15.00 | \$4,575.00 |
| 34 | Detector Wire and Locator Box for Water Main | EA. | 5 | \$30.00 | \$150.00 | \$400.00 | \$2,000.00 | \$816.00 | \$4,080.00 | \$200.00 | \$1,000.00 |
| 35 | Detector Wire and Locator Box for Hydrants | EA. | 3 | \$30.00 | \$90.00 | \$400.00 | \$1,200.00 | \$314.00 | \$942.00 | \$200.00 | \$600.00 |
| 36 | 32 lb. Magnesium Anode | EA. | 75 | \$100.00 | \$7,500.00 | \$235.00 | \$17,625.00 | \$1.00 | \$75.00 | \$1.00 | \$75.00 |
| 37 | 15 lb. Magnesium Anode | EA. | 60 | \$50.00 | \$3,000.00 | \$245.00 | \$14,700.00 | \$1.00 | \$60.00 | \$1.00 | \$60.00 |
| 38 | Remove and Replace Inlet | EA. | 10 | \$4,100.00 | \$41,000.00 | \$4,500.00 | \$45,000.00 | \$2,902.00 | \$29,020.00 | \$4,100.00 | \$41,000.00 |
| 39 | Remove and Replace 12-inch RCP CL V Storm Sewer w/ Slurry Backfill | L.F. | 275 | \$130.00 | \$35,750.00 | \$187.00 | \$51,425.00 | \$216.00 | \$59,400.00 | \$180.00 | \$44,000.00 |
| 40 | Remove and Replace 15-inch RCP CL V Storm Sewer w/ Slurry Backfill | L.F. | 12 | \$175.00 | \$2,100.00 | \$190.00 | \$2,280.00 | \$407.00 | \$4,884.00 | \$180.00 | \$2,160.00 |
| 41 | Remove and Replace 21-inch RCP CL III Storm Sewer w/ Slurry Backfill | L.F. | 18 | \$180.00 | \$3,240.00 | \$208.00 | \$3,744.00 | \$371.00 | \$6,678.00 | \$200.00 | \$3,600.00 |
| 42 | Remove and Replace 24-inch RCP CL III Storm Sewer w/ Slurry Backfill | L.F. | 30 | \$200.00 | \$6,000.00 | \$215.00 | \$6,450.00 | \$376.00 | \$11,280.00 | \$220.00 | \$6,600.00 |
| 43 | Remove and Replace 30-inch RCP CL III Storm Sewer w/ Slurry Backfill | L.F. | 20 | \$200.00 | \$4,000.00 | \$242.00 | \$4,840.00 | \$419.00 | \$8,380.00 | \$250.00 | \$5,000.00 |
| 44 | Full Depth Sawcutting | L.F. | 4,300 | \$3.00 | \$12,900.00 | \$4.00 | \$17,200.00 | \$3.00 | \$12,900.00 | \$1.75 | \$7,525.00 |
| 45 | Crushed Aggregate Base Course | TON | 1,500 | \$75.00 | \$112,500.00 | \$17.00 | \$25,500.00 | \$24.00 | \$36,000.00 | \$22.00 | \$33,000.00 |
| 46 | Crushed Aggregate Base Course for pavement replacement areas beyond water main trench (as directed) | TON | 700 | \$75.00 | \$52,500.00 | \$17.00 | \$11,900.00 | \$33.00 | \$23,100.00 | \$22.00 | \$15,400.00 |
| 47 | Pavement Replacement Type "B" (concrete pavement) | S.Y. | 2,625 | \$61.00 | \$160,125.00 | \$74.50 | \$195,562.50 | \$84.00 | \$220,500.00 | \$65.00 | \$170,825.00 |
| 48 | Pavement Replacement Type "B" (concrete pavement) for areas beyond water main trench (as directed) | S.Y. | 2,000 | \$61.00 | \$122,000.00 | \$74.50 | \$149,000.00 | \$90.00 | \$180,000.00 | \$65.00 | \$130,000.00 |
| 49 | Pavement Replacement Type "C" (asphalt overlay) | S.Y. | 120 | \$25.00 | \$3,000.00 | \$88.00 | \$10,560.00 | \$106.00 | \$12,720.00 | \$76.00 | \$9,120.00 |
| 50 | 4-inch Asphaltic Concrete Binder Course (Osborne) | TON | 400 | \$95.00 | \$38,000.00 | \$110.00 | \$44,000.00 | \$112.00 | \$44,800.00 | \$95.00 | \$38,000.00 |
| 51 | 2-inch Asphaltic Concrete Surface Course (Osborne) | TON | 620 | \$100.00 | \$62,000.00 | \$104.00 | \$64,480.00 | \$105.00 | \$65,100.00 | \$90.00 | \$55,800.00 |
| 52 | 2-inch Asphalt Pavement Mill Over Curb Pan | S.Y. | 340 | \$5.00 | \$1,700.00 | \$5.50 | \$1,870.00 | \$6.00 | \$2,040.00 | \$4.75 | \$1,615.00 |
| 53 | 2-inch Asphalt Pavement Mill (Osborne) | S.Y. | 3,600 | \$3.00 | \$10,800.00 | \$3.00 | \$10,800.00 | \$3.00 | \$10,800.00 | \$2.55 | \$9,180.00 |
| 54 | Excavation to subgrade for pavement replacement areas beyond water main trench (as directed) | C.Y. | 350 | \$30.00 | \$10,500.00 | \$28.00 | \$9,800.00 | \$52.00 | \$18,200.00 | \$40.00 | \$14,000.00 |
| 55 | Temporary Trench Patch | S.Y. | 900 | \$32.00 | \$28,800.00 | \$35.00 | \$31,500.00 | \$35.00 | \$31,500.00 | \$30.25 | \$27,225.00 |
| 56 | 3-inch Asphalt Trail Replacement | S.Y. | 80 | \$45.00 | \$3,600.00 | \$87.00 | \$6,960.00 | \$98.00 | \$7,840.00 | \$75.00 | \$6,000.00 |
| 57 | 30-inch Concrete Curb and Gutter Replacement | L.F. | 2,800 | \$35.00 | \$98,000.00 | \$28.00 | \$78,400.00 | \$43.00 | \$120,400.00 | \$35.00 | \$98,000.00 |
| 58 | 4-inch Concrete Sidewalk/ADA Ramp Replacement | S.F. | 950 | \$6.00 | \$5,700.00 | \$8.00 | \$7,600.00 | \$10.00 | \$9,500.00 | \$7.50 | \$7,125.00 |
| 59 | Detectable Warning Field | S.F. | 40 | \$40.00 | \$1,600.00 | \$55.00 | \$2,200.00 | \$58.00 | \$2,320.00 | \$50.00 | \$2,000.00 |

COST COMPARISON OF B COST COMPARISON OF BIDDERS

OWNER: Racine Water and Wastewater Utility
PROJECT: REBID 42-inch Transmission Water Main Phase 4 - Osbourne Blvd to Jones St
BID OPENING DATE: May 8, 2025

| BASE BID | | | | Engineer Estimate | | A.W. Oakes & Son, Inc. | | Super Excavators, Inc. | | Mid City Corporation | |
|--|---|------|-------|-------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|----------------------|------------------------|
| ITEM # | ITEM DESCRIPTION | UNIT | QTY. | UNIT \$ | TOTAL | UNIT \$ | TOTAL | UNIT \$ | TOTAL | UNIT \$ | TOTAL |
| 60 | 6-inch Concrete Driveway Replacement | S.F. | 850 | \$7.00 | \$4,550.00 | \$10.00 | \$6,500.00 | \$11.00 | \$7,150.00 | \$8.00 | \$5,200.00 |
| 61 | 3-inch Asphalt Driveway Replacement | S.F. | 200 | \$9.00 | \$1,800.00 | \$9.00 | \$1,800.00 | \$16.00 | \$3,200.00 | \$7.75 | \$1,550.00 |
| 62 | Remove and Replace Fence | L.F. | 80 | \$70.00 | \$5,600.00 | \$90.00 | \$7,200.00 | \$87.00 | \$6,960.00 | \$75.00 | \$6,000.00 |
| 63 | Remove and Reinstall Wood Posts | L.S. | 1 | \$3,600.00 | \$3,600.00 | \$2,000.00 | \$2,000.00 | \$3,246.00 | \$3,246.00 | \$1,500.00 | \$1,500.00 |
| 64 | Remove and Reinstall Guardrail | L.S. | 1 | \$2,300.00 | \$2,300.00 | \$5,000.00 | \$5,000.00 | \$2,705.00 | \$2,705.00 | \$1,800.00 | \$1,800.00 |
| 65 | Traffic Signal Loop Detector Replacement (if necessary) | EA. | 1 | \$1,700.00 | \$1,700.00 | \$8,700.00 | \$8,700.00 | \$2,705.00 | \$2,705.00 | \$5,000.00 | \$5,000.00 |
| 66 | Pavement Marking, Epoxy, 4-inch Solid Yellow | L.F. | 1,400 | \$1.00 | \$1,400.00 | \$5.00 | \$7,000.00 | \$5.00 | \$7,000.00 | \$4.40 | \$6,160.00 |
| 67 | Pavement Marking, Epoxy, 6-inch Solid White | L.F. | 240 | \$10.00 | \$2,400.00 | \$8.00 | \$1,920.00 | \$25.00 | \$6,000.00 | \$6.60 | \$1,584.00 |
| 68 | Pavement Marking, Epoxy, 18-inch Solid White | L.F. | 45 | \$20.00 | \$900.00 | \$23.00 | \$1,035.00 | \$35.00 | \$1,575.00 | \$19.85 | \$893.25 |
| 69 | Pavement Marking, Epoxy, Symbols, & Arrows | EA. | 2 | \$250.00 | \$500.00 | \$250.00 | \$500.00 | \$433.00 | \$866.00 | \$215.00 | \$430.00 |
| 70 | Locate & Protect Sanitary Lateral | EA. | 4 | \$500.00 | \$2,000.00 | \$965.00 | \$3,860.00 | \$812.00 | \$3,248.00 | \$1,100.00 | \$4,400.00 |
| 71 | Trench bridging (if ordered by engineer) | L.F. | 150 | \$20.00 | \$3,000.00 | \$40.00 | \$6,000.00 | \$11.00 | \$1,650.00 | \$20.00 | \$3,000.00 |
| 72 | Precast Concrete Barrier, (if ordered by engineer) | L.F. | 150 | \$20.00 | \$3,000.00 | \$50.00 | \$7,500.00 | \$28.00 | \$4,200.00 | \$30.00 | \$4,500.00 |
| 73 | Water Main Offset Cash Allowance | L.S. | 1 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 |
| TOTAL OF ALL ESTIMATED PRICES (ITEMS 1 - 73) | | | | | \$8,699,075.00 | | \$9,349,914.00 | | \$10,097,999.00 | | \$10,289,803.00 |
| MANDATORY ALTERNATE A | | | | | | | | | | | |
| MA-A1 | Televise Sanitary Sewer Mains (10 to 21-inch) | L.F. | 3,095 | \$20.00 | \$61,900.00 | \$8.00 | \$24,760.00 | \$5.00 | \$15,475.00 | \$5.00 | \$15,475.00 |
| TOTAL OF ALL MANDATORY ALTERNATE A BID PRICES | | | | | \$61,900.00 | | \$24,760.00 | | \$15,475.00 | | \$15,475.00 |
| TOTAL OF ALL ESTIMATED PRICES & MANDATORY ALTERNATE A | | | | | \$8,760,975.00 | | \$9,374,674.00 | | \$10,113,474.00 | | \$10,305,278.00 |