

**EDGEFIELD COUNTY WATER & SEWER AUTHORITY
BOARD MEETING MINUTES**

A Special Called Board of Directors Meeting of Edgefield County Water and Sewer Authority was held on December 16, 2019 starting at 5:30 p.m. at 100 Waterworks Rd., Edgefield, SC (ECWSA Administrative Building). No individual or organization requested a copy of the Agenda. Notice of this Board of Directors Meeting was posted in the Administration Office 1 week prior to meeting and the Agenda was posted December 9, 2019.

CALL TO ORDER: Johnson, 5:30 p.m.

INVOCATION: Timmerman

MEMBERS PRESENT: Johnson, Clark, Creswell, Kennamer, Timmerman, and Kitchens

MEMBERS ABSENT: Williams

STAFF PRESENT: Administrator Hare, Distribution Supt. Ryan

GUEST PRESENT: None

AGENDA: A motion was made by Clark to approve the December 16, 2019 Agenda. Second by Creswell. Vote unanimous to approve the agenda.

BUSINESS:

A. MURRAH ROAD FORCE MAIN BIDS

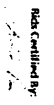
Administrator Hare presented to the Board the results of the December 10, 2019 bid opening for the installation of the sewer force main along Murrah Rd.

Minutes of Board Meeting
 December 16, 2019
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MURRAH ROAD SEWER FORCE MAIN EXTENSION
 EDGEFIELD COUNTY WATER AND SEWER AUTHORITY
 CERTIFIED TABULATION OF BIDS RECEIVED

| Item No. | Est Qty | Unit | Description | L. W., Inc. Georgetown, SC | | L-J, Inc. Cayce, SC | | McMahan Brothers Pipeline, Inc. LLC Lexington, SC | | R&T Grading, Inc. Pelion, SC | | Souther Fiber Construction Branchville, SC (Nota 1) | | Tri-Star Contractors, Inc. Edgefield, SC | |
|--------------------------|---------|------|------------------------------------------------|-------------------------------|--------------------|------------------------|--------------------|---------------------------------------------------------|--------------------|---------------------------------|--------------------|--------------------------------------------------------------|--------------------|---------------------------------------------|--------------------|
| | | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total |
| 1 | 7057 | LF | 6" PVC Force Main | \$5.00 | \$176,610.00 | \$7.00 | \$49,399.00 | \$8.00 | \$56,456.00 | \$3.00 | \$21,171.00 | \$7.13 | \$50,377.21 | \$8.50 | \$60,085.50 |
| 2 | 426 | LF | 6" RI PVC Force Main | \$28.00 | \$11,928.00 | \$33.00 | \$14,061.00 | \$43.00 | \$18,321.00 | \$33.00 | \$14,061.00 | \$24.96 | \$10,633.92 | \$11.40 | \$4,857.60 |
| 3 | 16 | LF | 6" RI DIP Force Main | \$66.00 | \$1,056.00 | \$66.00 | \$1,056.00 | \$72.00 | \$1,152.00 | \$38.00 | \$608.00 | \$69.83 | \$1,117.28 | \$79.00 | \$1,264.00 |
| 4 | 135 | LF | Bore and Jack 17" Steel Casing | \$133.00 | \$17,955.00 | \$93.00 | \$12,549.00 | \$106.00 | \$14,310.00 | \$176.00 | \$23,652.00 | \$171.47 | \$23,147.40 | \$178.00 | \$24,018.00 |
| 5 | 135 | LF | 6" RI PVC Force Main Installed in Steel Casing | \$113.00 | \$15,255.00 | \$65.00 | \$8,875.00 | \$64.50 | \$8,767.50 | \$38.00 | \$5,130.00 | \$22.26 | \$2,995.62 | \$114.75 | \$15,481.50 |
| 6 | 1 | EA | 18" x 6" Tapping Sleeve and Valve | \$14,000.00 | \$14,000.00 | \$6,000.00 | \$6,000.00 | \$7,000.00 | \$7,000.00 | \$3,000.00 | \$3,000.00 | \$22.26 | \$22,260.00 | \$4,000.00 | \$4,000.00 |
| 7 | 1 | EA | 6" RI 1 1/4 Degree Bend | \$800.00 | \$800.00 | \$800.00 | \$800.00 | \$800.00 | \$800.00 | \$975.00 | \$975.00 | \$4,700.47 | \$4,700.47 | \$4,000.00 | \$4,000.00 |
| 8 | 1 | EA | 6" RI 2 1/2 Degree Bend | \$975.00 | \$975.00 | \$975.00 | \$975.00 | \$975.00 | \$975.00 | \$975.00 | \$975.00 | \$6,843.32 | \$6,843.32 | \$4,000.00 | \$4,000.00 |
| 9 | 4 | EA | 6" RI 45 Degree Bend | \$593.00 | \$2,372.00 | \$593.00 | \$2,372.00 | \$593.00 | \$2,372.00 | \$593.00 | \$2,372.00 | \$6,000.00 | \$6,000.00 | \$4,000.00 | \$4,000.00 |
| 10 | 2 | EA | 6" RI 90 Degree Bend | \$604.00 | \$1,208.00 | \$604.00 | \$1,208.00 | \$604.00 | \$1,208.00 | \$604.00 | \$1,208.00 | \$6,000.00 | \$6,000.00 | \$4,000.00 | \$4,000.00 |
| 11 | 1 | EA | 6" RI Tee | \$904.00 | \$904.00 | \$773.00 | \$773.00 | \$773.00 | \$773.00 | \$773.00 | \$773.00 | \$4,400.00 | \$4,400.00 | \$4,000.00 | \$4,000.00 |
| 12 | 2 | EA | 6" RI Plug Valve and Box | \$14.00 | \$28.00 | \$14.00 | \$28.00 | \$14.00 | \$28.00 | \$14.00 | \$28.00 | \$90.36 | \$180.72 | \$20.00 | \$40.00 |
| 13 | 2 | EA | 6" RI Plug Valve and Box | \$1,485.00 | \$2,970.00 | \$1,750.00 | \$3,500.00 | \$1,750.00 | \$3,500.00 | \$1,750.00 | \$3,500.00 | \$2,000.00 | \$4,000.00 | \$2,000.00 | \$4,000.00 |
| 14 | 5 | EA | Air Release Valve Manhole | \$1,200.00 | \$6,000.00 | \$1,200.00 | \$6,000.00 | \$1,200.00 | \$6,000.00 | \$1,200.00 | \$6,000.00 | \$4,000.00 | \$20,000.00 | \$1,750.75 | \$8,753.75 |
| 15 | 1 | EA | Check Valve Manhole | \$4,000.00 | \$4,000.00 | \$3,500.00 | \$3,500.00 | \$4,000.00 | \$4,000.00 | \$4,000.00 | \$4,000.00 | \$22,000.00 | \$22,000.00 | \$4,000.00 | \$4,000.00 |
| 16 | 63 | LF | Remove and Replace Asphalt Pavement Roadway | \$14.00 | \$882.00 | \$9.00 | \$567.00 | \$6.00 | \$378.00 | \$6.00 | \$378.00 | \$17.00 | \$1,071.00 | \$7.00 | \$441.00 |
| 17 | 280 | LF | Remove and Replace Asphalt Pavement Driveway | \$14.00 | \$3,920.00 | \$3.00 | \$840.00 | \$4.00 | \$1,120.00 | \$4.00 | \$1,120.00 | \$17.00 | \$4,760.00 | \$7.00 | \$1,960.00 |
| 18 | 240 | LF | Remove and Replace Concrete Pavement Driveway | \$24.00 | \$5,760.00 | \$27.00 | \$6,480.00 | \$27.00 | \$6,480.00 | \$27.00 | \$6,480.00 | \$27.00 | \$6,480.00 | \$27.00 | \$6,480.00 |
| TOTAL BID AMOUNTS | | | | \$16,116.00 | \$16,116.00 | \$16,009.00 | \$16,009.00 | \$16,611.00 | \$16,611.00 | \$16,154.00 | \$16,154.00 | \$16,072.64 | \$16,072.64 | \$16,048.90 | \$16,048.90 |

Notes:
 1. Multiplication error on item 1 corrected. Resub decreased total for item 1 and total bid by \$14,650.20

Bids Certified By:


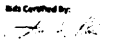
Administrator Hare recommended to the Board that the Authority accept the low bid of \$265,631.00 from McMahan Brothers Pipeline Inc., LLC. A motion was made by Clark to accept the bids. Second by Kitchens. Kitchens asked about the possibility of extending the line to the Merriwether schools. Administrator Hare said that he would be in touch with the school district to see if they had funding available and would like to pursue at this time. No further discussion. Vote unanimous.

B. SANDY RUN RIA PROJECT BIDS

Administrator Hare presented to the Board the results of the December 10, 2019 bid opening for the installation of the sewer force main along the Sandy Run area.

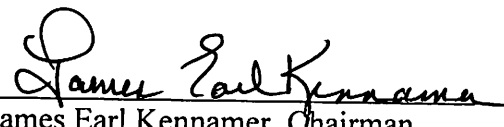
| SANDY RUN AREA WATER LINE REPLACEMENTS EDGEFIELD COUNTY WATER AND SEWER AUTHORITY CERTIFIED TABULATION OF BIDS RECEIVED | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------|---------|------|-------------------------------------------------------|-----------------------------------------------|---------------------|-----------------------------------|---------------------|-----------------------|--------------------|---------------------------------------------|---------------------|-----------------------------|---------------------|----------------------------------------------------|--------------------|---------------------------------------------|---------------------|-----------------------------------------------|---------------------|
| Item No. | Est Qty | Unit | Description | Coburn & Sons Construction, LLC Edgefield, SC | | L.W. Inc. Edgefield, SC (Phone 1) | | L-4, Inc. Cypress, SC | | RWT Incorprates LLC Lumberton, SC (Phone 2) | | RST Grading, Inc. Potts, SC | | Southern Fiber Construction Bismarck, SC (Phone 2) | | The Concrete Utilities, Inc. Greenville, SC | | The Best Construction, Inc. Milledgeville, SC | |
| | | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total |
| 1 | 1131 | LF | 6" (3000) PVC Water Main | 20 | \$37,620.00 | \$76.00 | \$19,406.00 | \$177.00 | \$36,037.00 | \$35.00 | \$39,545.00 | \$33.00 | \$37,323.00 | \$113.18 | \$14,906.54 | \$128.00 | \$31,648.00 | \$36.30 | \$40,943.30 |
| 2 | 155 | LF | 6" (3000) R3 PVC Water Main | 76 | \$4,050.00 | \$79.00 | \$4,495.00 | \$48.00 | \$7,440.00 | \$45.00 | \$6,875.00 | \$42.00 | \$6,510.00 | \$24.86 | \$3,868.80 | \$34.00 | \$3,770.00 | \$38.30 | \$5,811.00 |
| 3 | 10 | EA | 6" R3 DSR Water Main | 30 | \$303.00 | \$40.00 | \$403.00 | \$76.00 | \$760.00 | \$90.00 | \$900.00 | \$43.00 | \$430.00 | \$63.42 | \$634.20 | \$40.00 | \$600.00 | \$33.30 | \$333.00 |
| 4 | 2 | EA | 6" R3 Tee | 450 | \$900.00 | \$400.00 | \$818.00 | \$440.00 | \$1,760.00 | \$500.00 | \$1,000.00 | \$375.00 | \$1,350.00 | \$367.83 | \$1,333.66 | \$2,000.00 | \$4,000.00 | \$350.00 | \$700.00 |
| 5 | 2 | EA | 6" R3 45 Degree Bend | 400 | \$800.00 | \$363.00 | \$726.00 | \$500.00 | \$1,000.00 | \$300.00 | \$1,000.00 | \$490.00 | \$980.00 | \$584.79 | \$1,133.58 | \$400.00 | \$800.00 | \$750.00 | \$1,500.00 |
| 6 | 1 | EA | 6" R3 Plug (Tapped 3") | 200 | \$300.00 | \$301.00 | \$301.00 | \$300.00 | \$300.00 | \$300.00 | \$300.00 | \$375.00 | \$375.00 | \$373.87 | \$373.87 | \$400.00 | \$400.00 | \$125.00 | \$125.00 |
| 7 | 9 | EA | 6" R3 Gate Valve and Box | 1000 | \$1,000.00 | \$915.00 | \$2,745.00 | \$1,000.00 | \$6,000.00 | \$1,000.00 | \$3,000.00 | \$1,700.00 | \$5,280.00 | \$1,054.47 | \$1,363.41 | \$1,300.00 | \$3,900.00 | \$1,500.00 | \$1,500.00 |
| 8 | 1 | EA | Fire Hydrant | 3500 | \$3,500.00 | \$3,605.00 | \$3,605.00 | \$4,400.00 | \$4,400.00 | \$4,300.00 | \$4,300.00 | \$6,200.00 | \$6,200.00 | \$4,037.12 | \$4,037.12 | \$3,800.00 | \$3,800.00 | \$2,500.00 | \$2,500.00 |
| 9 | 1 | EA | Remove and Relocate Existing Fire Hydrant | 600 | \$600.00 | \$2,300.00 | \$2,300.00 | \$1,000.00 | \$1,000.00 | \$1,100.00 | \$1,100.00 | \$2,800.00 | \$2,800.00 | \$688.51 | \$688.51 | \$3,800.00 | \$3,800.00 | \$883.00 | \$883.00 |
| 10 | 2533 | LF | 2" PE Pipe Water Main | 15 | \$4,380.00 | \$33.00 | \$67,436.00 | \$30.00 | \$3,000.00 | \$38.50 | \$18,440.00 | \$18.00 | \$3,240.00 | \$6.24 | \$18,295.68 | \$18.00 | \$32,776.00 | \$9.30 | \$27,854.00 |
| 11 | 60 | EA | 2" PE Pipe Water Main - Horizontal Directional Dr-ill | 35 | \$2,100.00 | \$77.00 | \$1,679.00 | \$190.00 | \$17,000.00 | \$100.00 | \$6,000.00 | \$85.00 | \$5,100.00 | \$27.00 | \$1,638.00 | \$50.00 | \$1,000.00 | \$75.00 | \$75.00 |
| 12 | 9 | EA | 2" Tee | 200 | \$600.00 | \$708.00 | \$674.00 | \$45.00 | \$770.00 | \$85.00 | \$2,350.00 | \$37.00 | \$96.00 | \$169.18 | \$507.54 | \$40.00 | \$1,600.00 | \$70.00 | \$1,400.00 |
| 13 | 2 | EA | 2" 90 Degree Bend | 200 | \$400.00 | \$210.00 | \$410.00 | \$175.00 | \$175.00 | \$60.00 | \$1,200.00 | \$36.00 | \$72.00 | \$163.84 | \$337.28 | \$60.00 | \$120.00 | \$75.00 | \$150.00 |
| 14 | 2 | EA | 2" Sleeve (Cut Into Existing) | 200 | \$400.00 | \$210.00 | \$410.00 | \$175.00 | \$175.00 | \$60.00 | \$1,200.00 | \$36.00 | \$72.00 | \$163.84 | \$337.28 | \$60.00 | \$120.00 | \$75.00 | \$150.00 |
| 15 | 1 | EA | 2" Cap | 200 | \$200.00 | \$204.00 | \$204.00 | \$100.00 | \$600.00 | \$60.00 | \$1,200.00 | \$37.00 | \$74.00 | \$118.83 | \$637.66 | \$1,200.00 | \$2,400.00 | \$750.00 | \$500.00 |
| 16 | 10 | EA | 2" Gate Valve and Box | 800 | \$6,000.00 | \$803.00 | \$4,030.00 | \$1,000.00 | \$10,000.00 | \$1,100.00 | \$11,000.00 | \$150.00 | \$1,500.00 | \$799.37 | \$7,993.70 | \$400.00 | \$4,000.00 | \$485.00 | \$4,850.00 |
| 17 | 1 | EA | Flushing Hydrant Assembly | 1500 | \$1,500.00 | \$1,635.00 | \$1,635.00 | \$1,000.00 | \$3,000.00 | \$2,500.00 | \$2,500.00 | \$150.00 | \$1,500.00 | \$1,965.21 | \$1,965.21 | \$3,000.00 | \$3,000.00 | \$1,250.00 | \$1,250.00 |
| 18 | 20 | EA | 1/4" Water Service (same side road) | 800 | \$16,000.00 | \$990.00 | \$16,400.00 | \$1,000.00 | \$40,000.00 | \$1,100.00 | \$22,000.00 | \$750.00 | \$11,000.00 | \$1,003.77 | \$20,075.40 | \$1,000.00 | \$12,000.00 | \$750.00 | \$14,000.00 |
| 19 | 5 | EA | 3/4" Water Service (opposite side road) | 500 | \$4,500.00 | \$931.00 | \$4,651.00 | \$1,400.00 | \$7,000.00 | \$1,700.00 | \$8,000.00 | \$1,175.00 | \$5,875.00 | \$1,003.77 | \$5,018.85 | \$1,400.00 | \$7,000.00 | \$1,630.00 | \$8,160.00 |
| 20 | 110 | LF | Remove and Replace Asphalt Pavement Driveways | 35 | \$1,850.00 | \$11.00 | \$1,210.00 | \$15.00 | \$6,050.00 | \$35.00 | \$3,850.00 | \$65.00 | \$7,150.00 | \$46.87 | \$4,066.70 | \$30.00 | \$3,300.00 | \$30.00 | \$1,500.00 |
| TOTAL BID AMOUNTS | | | | | \$115,482.00 | | \$149,442.00 | | \$18,377.00 | | \$171,952.00 | | \$154,062.00 | | \$20,558.36 | | \$132,674.00 | | \$132,268.30 |

Notes:
 1 Multiplication error on Item 1 corrected. Result increased total for Item 1 and total bid by \$780.00
 2 Multiplication error on Item 11 corrected. Result increased total for Item 11 and total bid by \$5,400.00
 3 Original Bid Form submitted. Revised Bid Form issued with Addendum 1 increased Est. Quantity for Item 10 by 643
 4 Result increased bid for Item 10 and total bid by \$4,137.12

Bids Certified By:


Administrator Hare recommended that the Authority accept the low bid of \$90,558.36 from Southern Fiber Construction. Administrator Hare also informed the Board that he would be in contact with RIA to expand the scope of the project since the bids were well under the \$227,000 grant award. A motion was made by Creswell to accept the low bid. Second by Kennamer. No discussion. Vote unanimous.

Motion was made by Clark to adjourn.
 Second by Johnson
 Time: 6:00 p.m., December 16, 2019
 Vote Unanimous

Approved 
 James Earl Kennamer, Chairman