

PROJECT NAME: EAST ST. JAMES WATER MAIN LOOP

PROJECT NUMBER: PROJECT NO. 16-2346 / CIP NO. 50917

LET DATE: April 11, 2017

LOW BID AMOUNT: \$116,685.48

| ITEM NO. | STD. BID ITEM NO. | DESCRIPTION OF ITEM | UNIT | QTY (EST) | ENGINEER'S ESTIMATE | | MAINLINE CONTRACTING, INC. | | HEAVY CONSTRUCTORS, INC. | | UNDERGROUND CONSTRUCTION, LLC | | HILLS MATERIALS COMPANY | | QUINN CONSTRUCTION, INC. | |
|----------|-------------------|---|------|-----------|---------------------|-------------|----------------------------|-------------|--------------------------|-------------|-------------------------------|-------------|-------------------------|-------------|--------------------------|-------------|
| | | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| 1 | | MOBILIZATION | LS | 1.00 | \$10,214.00 | \$10,214.00 | \$5,000.00 | \$5,000.00 | \$6,108.36 | \$6,108.36 | \$13,000.00 | \$13,000.00 | \$3,720.00 | \$3,720.00 | \$10,000.00 | \$10,000.00 |
| 2 | | INCIDENTAL WORK | LS | 1.00 | \$5,000.00 | \$5,000.00 | \$7,500.00 | \$7,500.00 | \$3,002.28 | \$3,002.28 | \$3,500.00 | \$3,500.00 | \$9,000.00 | \$9,000.00 | \$9,250.00 | \$9,250.00 |
| 3 | | TRAFFIC CONTROL | LS | 1.00 | \$5,000.00 | \$5,000.00 | \$2,750.48 | \$2,750.48 | \$2,407.53 | \$2,407.53 | \$3,250.00 | \$3,250.00 | \$3,300.00 | \$3,300.00 | \$3,000.00 | \$3,000.00 |
| 4 | | GRAVEL FILTER SOCK | LF | 18.00 | \$7.00 | \$126.00 | \$5.00 | \$90.00 | \$5.65 | \$101.70 | \$5.00 | \$90.00 | \$6.00 | \$108.00 | \$6.00 | \$108.00 |
| 5 | | SEDIMENT CONTROL WATTLE, 9" DIAMETER | LF | 161.00 | \$6.00 | \$966.00 | \$5.00 | \$805.00 | \$5.65 | \$909.65 | \$3.50 | \$563.50 | \$6.00 | \$966.00 | \$6.00 | \$966.00 |
| 6 | | INLET PROTECTION | EA | 2.00 | \$150.00 | \$300.00 | \$100.00 | \$200.00 | \$113.03 | \$226.06 | \$1,000.00 | \$2,000.00 | \$150.00 | \$300.00 | \$110.00 | \$220.00 |
| 7 | | EROSION CONTROL CONTACT INFORMATION SIGN | EA | 1.00 | \$200.00 | \$200.00 | \$150.00 | \$150.00 | \$565.15 | \$565.15 | \$200.00 | \$200.00 | \$350.00 | \$350.00 | \$125.00 | \$125.00 |
| 8 | | TYPE 1 BEDDING | TON | 20.00 | \$25.00 | \$500.00 | \$15.00 | \$300.00 | \$36.83 | \$736.60 | \$27.00 | \$540.00 | \$35.00 | \$700.00 | \$20.00 | \$400.00 |
| 9 | | TYPE 3 FOUNDATION MATERIAL | TON | 20.00 | \$25.00 | \$500.00 | \$15.00 | \$300.00 | \$36.86 | \$717.20 | \$31.50 | \$630.00 | \$35.00 | \$700.00 | \$20.00 | \$400.00 |
| 10 | | IMPORTED BACKFILL MATERIAL, TRENCH | CY | 25.00 | \$12.00 | \$300.00 | \$10.00 | \$250.00 | \$32.28 | \$807.00 | \$12.00 | \$300.00 | \$12.00 | \$300.00 | \$12.00 | \$300.00 |
| 11 | | AASHTO T-180 SOIL TEST | EA | 2.00 | \$180.00 | \$360.00 | \$200.00 | \$400.00 | \$203.45 | \$406.90 | \$200.00 | \$400.00 | \$150.00 | \$300.00 | \$175.00 | \$350.00 |
| 12 | | REMOVE SIDEWALK | SF | 50.00 | \$6.00 | \$300.00 | \$2.00 | \$100.00 | \$5.03 | \$251.50 | \$4.00 | \$200.00 | \$8.00 | \$400.00 | \$7.00 | \$350.00 |
| 13 | | REMOVE FIRE HYDRANT & AUX. VALVE | EA | 1.00 | \$500.00 | \$500.00 | \$450.00 | \$450.00 | \$872.71 | \$872.71 | \$150.00 | \$150.00 | \$465.00 | \$465.00 | \$500.00 | \$500.00 |
| 14 | | REMOVE 21" CONCRETE SANITARY SEWER MAIN | LF | 10.00 | \$20.00 | \$200.00 | \$28.00 | \$280.00 | \$188.77 | \$1,887.70 | \$100.00 | \$1,000.00 | \$110.00 | \$1,100.00 | \$25.00 | \$250.00 |
| 15 | | 6" PVC WATER MAIN, C900, DR18 | LF | 8.00 | \$50.00 | \$400.00 | \$50.00 | \$400.00 | \$103.30 | \$826.40 | \$55.00 | \$440.00 | \$58.00 | \$464.00 | \$70.00 | \$560.00 |
| 16 | | 12" PVC RESTRAINED JOINT WATER MAIN, C900, DR18 | LF | 237.00 | \$82.00 | \$19,434.00 | \$80.00 | \$18,960.00 | \$93.50 | \$22,159.50 | \$83.00 | \$19,671.00 | \$74.00 | \$17,538.00 | \$105.00 | \$24,885.00 |
| 17 | | 24" STEEL PIPE CASING & BORE | LF | 65.00 | \$450.00 | \$29,250.00 | \$790.00 | \$51,350.00 | \$935.51 | \$60,808.15 | \$997.00 | \$64,805.00 | \$1,100.00 | \$71,500.00 | \$1,100.00 | \$71,500.00 |
| 18 | | 24" STEEL PIPE CASING, OPEN CUT | LF | 41.00 | \$200.00 | \$8,200.00 | \$120.00 | \$4,920.00 | \$178.72 | \$7,327.52 | \$225.00 | \$9,225.00 | \$250.00 | \$10,250.00 | \$250.00 | \$10,250.00 |
| 19 | | 12" X 6" X 12" TEE | EA | 1.00 | \$1,200.00 | \$1,200.00 | \$1,200.00 | \$1,200.00 | \$978.89 | \$978.89 | \$1,125.00 | \$1,125.00 | \$1,625.00 | \$1,625.00 | \$900.00 | \$900.00 |
| 20 | | 12" 11.25 DEGREE BEND | EA | 1.00 | \$900.00 | \$900.00 | \$1,100.00 | \$1,100.00 | \$785.90 | \$785.90 | \$1,200.00 | \$1,200.00 | \$1,300.00 | \$1,300.00 | \$750.00 | \$750.00 |
| 21 | | 12" 22.5 DEGREE BEND | EA | 1.00 | \$900.00 | \$900.00 | \$1,100.00 | \$1,100.00 | \$799.07 | \$799.07 | \$1,000.00 | \$1,000.00 | \$1,300.00 | \$1,300.00 | \$750.00 | \$750.00 |
| 22 | | 12" 45 DEGREE BEND | EA | 1.00 | \$900.00 | \$900.00 | \$1,000.00 | \$1,000.00 | \$695.93 | \$695.93 | \$900.00 | \$900.00 | \$1,300.00 | \$1,300.00 | \$750.00 | \$750.00 |

| | | | | | | | | | | | | | | | |
|-------|---|----|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| 23 | 12" X 6" REDUCER | EA | 1.00 | \$800.00 | \$800.00 | \$800.00 | \$800.00 | \$664.31 | \$664.31 | \$900.00 | \$900.00 | \$1,050.00 | \$1,050.00 | \$600.00 | \$600.00 |
| 24 | 12" HIGH DEFLECTION COUPLING | EA | 1.00 | \$800.00 | \$800.00 | \$900.00 | \$900.00 | \$809.26 | \$809.26 | \$825.00 | \$825.00 | \$955.00 | \$955.00 | \$750.00 | \$750.00 |
| 25 | 12" GATE VALVE WITH BOX | EA | 1.00 | \$4,500.00 | \$4,500.00 | \$2,800.00 | \$2,800.00 | \$2,409.34 | \$2,409.34 | \$2,735.00 | \$2,735.00 | \$3,415.00 | \$3,415.00 | \$2,700.00 | \$2,700.00 |
| 26 | FIRE HYDRANT WITH AUXILIARY VALVE AND BOX | EA | 1.00 | \$6,000.00 | \$6,000.00 | \$5,000.00 | \$5,000.00 | \$4,933.63 | \$4,933.63 | \$4,500.00 | \$4,500.00 | \$6,450.00 | \$6,450.00 | \$5,000.00 | \$5,000.00 |
| 27 | CONNECT TO EXISTING WATER MAIN | EA | 2.00 | \$1,500.00 | \$3,000.00 | \$3,000.00 | \$6,000.00 | \$1,646.97 | \$3,293.94 | \$3,000.00 | \$6,000.00 | \$2,960.00 | \$5,920.00 | \$1,500.00 | \$3,000.00 |
| 28 | FLUSH MOUNTED CATHODIC CONTROL TEST STATION | EA | 1.00 | \$350.00 | \$350.00 | \$500.00 | \$500.00 | \$209.16 | \$209.16 | \$750.00 | \$750.00 | \$950.00 | \$950.00 | \$400.00 | \$400.00 |
| 29 | TRACER WIRE ACCESS BOX - 2 WIRE | EA | 2.00 | \$250.00 | \$500.00 | \$100.00 | \$200.00 | \$111.01 | \$222.02 | \$450.00 | \$900.00 | \$195.00 | \$390.00 | \$250.00 | \$500.00 |
| 30 | CONCRETE SIDEWALK, 4" NONREINFORCED | SF | 50.00 | \$10.00 | \$500.00 | \$15.00 | \$750.00 | \$14.43 | \$721.50 | \$15.00 | \$750.00 | \$25.00 | \$1,250.00 | \$10.00 | \$500.00 |
| 31 | SEEDING, FERTILIZING AND MULCHING | SY | 500.00 | \$3.00 | \$1,500.00 | \$1.60 | \$800.00 | \$1.41 | \$705.00 | \$2.50 | \$1,250.00 | \$3.70 | \$1,850.00 | \$7.00 | \$3,500.00 |
| 32 | WARNING SIGN | EA | 2.00 | \$200.00 | \$400.00 | \$165.00 | \$330.00 | \$282.57 | \$565.14 | \$200.00 | \$400.00 | \$325.00 | \$650.00 | \$150.00 | \$300.00 |
| TOTAL | | | | | \$104,000.00 | | \$116,685.48 | | \$127,915.00 | | \$143,199.50 | | \$149,866.00 | | \$153,814.00 |

CITY OF RAPID CITY

Reviewed by:

Keith Johnson 4/12/17
Keith Johnson Date

Contract awarded to Mainline Contracting, Inc.
in the amount of \$116,685.48 at the April 17, 2017
Council Meeting.