

BID AWARD SUMMARY

LETTING DATE: March 27, 2018

PROJECT: Alley South of Kansas City Street between 4th Street and 2nd Street Sanitary Sewer Improvement
Project No. 16-2338 / CIP No. 50827

RECOMMENDATION: Award Total Base Bid plus Alt 1A plus Alt 2A in the amount of \$352,398.00 to Mainline Contracting, Inc. at the April 2, 2018 Council Meeting.

BIDDERS' SUMMARY

| <u>CONTRACTORS</u> | <u>TOTAL BASE BID</u> | <u>ALT 1A</u> | <u>ALT 1B</u> | <u>ALT 2A</u> | <u>ALT 2B</u> |
|-------------------------------|-----------------------|---------------|---------------|---------------|---------------|
| Mainline Contracting, Inc. | \$261,468.00 | \$49,600.00 | \$94,848.00 | \$41,230.00 | NA |
| Simon Contractors of SD, Inc. | \$250,169.75 | \$47,182.00 | \$129,200.00 | NA | \$67,525.00 |
| R.C.S. Construction, Inc. | \$245,312.25 | \$67,170.80 | \$132,544.00 | \$96,276.94 | \$150,280.44 |

City staff recommends awarding this project to for the total base bid plus alt 1A plus 2A in the amount of \$352,298.00 based on unit pricing with the following appropriation:

| FUNDING SOURCE | TOTAL | Waste Water |
|-----------------------|--------------|--------------|
| ADVERTISING AUTHORITY | \$450,000.00 | \$450,000.00 |
| ENGINEER'S ESTIMATE | \$427,250.00 | \$ |

APPROPRIATION DATA:

| FUNDING SOURCE | TOTAL | WASTE WATER |
|----------------|--------------|--------------|
| COST CENTER | | 833 |
| LINE ITEM | | 4380 |
| FUNDING CENTER | | 604 |
| BID AMOUNT | \$352,298.00 | \$352,298.00 |

PROJECT MANAGER: Jesse Rieb **DATE:** 3-29-18
 Jesse Rieb
 City of Rapid City

PROJECT NAME: ALLEY SOUTH OF KANSAS CITY STREET BETWEEN 4TH ST. AND 2ND ST. SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER: PROJECT NO. 16-2338/ CIP NO. 50827

LET DATE: MARCH 27, 2018

LOW BID AMOUNT: \$352,298.00

| ITEM NO. | STD. BID ITEM NO. | DESCRIPTION OF ITEM | UNIT | QTY (EST) | ENGINEER'S ESTIMATE | | MAINLINE CONTRACTING, INC. | | SIMON CONTRACTORS OF SD, INC. | | R.C.S. CONSTRUCTION, INC. | |
|-----------------|-------------------|-------------------------------------|------|-----------|---------------------|-------------|----------------------------|-------------|-------------------------------|-------------|---------------------------|-------------|
| | | | | | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST | UNIT COST | TOTAL COST |
| BASE BID | | | | | | | | | | | | |
| 1 | 1.01 | MOBILIZATION | LS | 1.00 | \$25,000.00 | \$25,000.00 | \$42,500.00 | \$42,500.00 | \$11,700.00 | \$11,700.00 | \$28,283.96 | \$28,283.96 |
| 2 | 1.02 | INCIDENTAL | LS | 1.00 | \$25,000.00 | \$25,000.00 | \$48,500.00 | \$48,500.00 | \$8,000.00 | \$8,000.00 | \$14,050.02 | \$14,050.02 |
| 3 | 1.03 | CONSTRUCTION STAKING | LS | 1.00 | \$15,000.00 | \$15,000.00 | \$4,080.00 | \$4,080.00 | \$4,975.00 | \$4,975.00 | \$5,573.60 | \$5,573.60 |
| 4 | 1.04 | REESTABLISH PROPERTY CORNERS | EA | 6.00 | \$500.00 | \$3,000.00 | \$55.00 | \$330.00 | \$30.00 | \$180.00 | \$139.34 | \$836.04 |
| 5 | A01.01 | CLEARING AND GRUBBING TREES | EA | 1.00 | \$1,000.00 | \$1,000.00 | \$500.00 | \$500.00 | \$500.00 | \$500.00 | \$1,080.92 | \$1,080.92 |
| 6 | B01.09 | REMOVE MANHOLE | EA | 1.00 | \$700.00 | \$700.00 | \$530.00 | \$530.00 | \$925.00 | \$925.00 | \$405.34 | \$405.34 |
| 7 | B03.10 | REMOVE AREA INLET | EA | 1.00 | \$300.00 | \$300.00 | \$140.00 | \$140.00 | \$350.00 | \$350.00 | \$405.34 | \$405.34 |
| 8 | B03.12 | REMOVE PIPE CULVERT | LF | 23.00 | \$20.00 | \$460.00 | \$13.00 | \$299.00 | \$18.00 | \$414.00 | \$16.92 | \$389.16 |
| 9 | B05.10 | REMOVE AC PAVEMENT | SY | 2112.00 | \$7.50 | \$15,840.00 | \$3.00 | \$6,336.00 | \$3.90 | \$8,236.80 | \$4.99 | \$10,538.88 |
| 10 | B05.12 | REMOVE PCC PAVEMENT WITH AC OVERLAY | SY | 99.00 | \$10.00 | \$990.00 | \$6.50 | \$643.50 | \$30.00 | \$2,970.00 | \$4.99 | \$494.01 |
| 11 | B05.13 | REMOVE PCC PAVEMENT | SY | 93.00 | \$10.00 | \$930.00 | \$7.50 | \$697.50 | \$16.65 | \$1,548.45 | \$4.99 | \$464.07 |
| 12 | B05.14 | REMOVE PCC APPROACH PAVEMENT | SY | 26.00 | \$10.00 | \$260.00 | \$7.50 | \$195.00 | \$9.25 | \$240.50 | \$4.99 | \$129.74 |
| 13 | B05.15 | REMOVE PCC DRIVEWAY PAVEMENT | SY | 43.00 | \$10.00 | \$430.00 | \$7.00 | \$301.00 | \$17.00 | \$731.00 | \$4.99 | \$214.57 |

| | | | | | | | | | | | | |
|----|--------|--|----|----------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| 14 | B05.18 | REMOVE CONCRETE CURB & GUTTER | LF | 85.00 | \$7.00 | \$595.00 | \$5.00 | \$425.00 | \$8.00 | \$680.00 | \$4.93 | \$419.05 |
| 15 | B05.26 | REMOVE PCC SIDEWALK | SF | 44.00 | \$5.00 | \$220.00 | \$2.00 | \$88.00 | \$20.00 | \$880.00 | \$4.99 | \$219.56 |
| 16 | B08.04 | REMOVE & RESET SIGN | EA | 2.00 | \$150.00 | \$300.00 | \$105.00 | \$210.00 | \$105.00 | \$210.00 | \$139.34 | \$278.68 |
| 17 | C01.01 | AASHTO T-180 SOIL TEST | EA | 5.00 | \$250.00 | \$1,250.00 | \$115.00 | \$575.00 | \$275.00 | \$1,375.00 | \$167.21 | \$836.05 |
| 18 | C02.01 | EXCAVATION, UNCLASSIFIED | CY | 1,003.00 | \$20.00 | \$20,060.00 | \$19.00 | \$19,057.00 | \$18.00 | \$18,054.00 | \$16.36 | \$16,409.08 |
| 19 | C02.02 | EXCAVATION, UNCLASSIFIED-DIGOUTS W/NAT | CY | 200.00 | \$30.00 | \$6,000.00 | \$8.00 | \$1,600.00 | \$36.00 | \$7,200.00 | \$19.28 | \$3,856.00 |
| 20 | C02.05 | EXCAVATION, UNCLASSIFIED-DIGOUTS W/AGC | CY | 200.00 | \$40.00 | \$8,000.00 | \$20.00 | \$4,000.00 | \$89.00 | \$17,800.00 | \$36.80 | \$7,360.00 |
| 21 | C07.04 | TOPSOIL, STOCKPILE & REPLACE | CY | 50.00 | \$12.00 | \$600.00 | \$44.00 | \$2,200.00 | \$50.00 | \$2,500.00 | \$21.98 | \$1,099.00 |
| 22 | C07.05 | SODDING | SY | 250.00 | \$4.50 | \$1,125.00 | \$8.00 | \$2,000.00 | \$16.50 | \$4,125.00 | \$7.11 | \$1,777.50 |
| 23 | C08.03 | SEEDING, FERTILIZING, & MULCHING | SY | 250.00 | \$3.00 | \$750.00 | \$2.00 | \$500.00 | \$1.30 | \$325.00 | \$1.68 | \$420.00 |
| 24 | E14.01 | 4" PVC SEWER SERVICE LINE | LF | 38.00 | \$40.00 | \$1,520.00 | \$63.00 | \$2,394.00 | \$72.50 | \$2,755.00 | \$117.94 | \$4,481.72 |
| 25 | E14.02 | 6" PVC SEWER SERVICE LINE | LF | 48.00 | \$60.00 | \$2,880.00 | \$52.00 | \$2,496.00 | \$72.50 | \$3,480.00 | \$119.31 | \$5,726.88 |
| 26 | E15.02 | STANDARD MANHOLE, 60" | EA | 1.00 | \$4,500.00 | \$4,500.00 | \$6,760.00 | \$6,760.00 | \$7,600.00 | \$7,600.00 | \$7,966.82 | \$7,966.82 |
| 27 | E19.02 | EXTRA MANHOLE DEPTH, 60" | VF | 4.00 | \$350.00 | \$1,400.00 | \$425.00 | \$1,700.00 | \$650.00 | \$2,600.00 | \$555.91 | \$2,223.64 |
| 28 | E21.01 | 4" PVC SEWER CLEANOUT | EA | 4.00 | \$250.00 | \$1,000.00 | \$290.00 | \$1,160.00 | \$575.00 | \$2,300.00 | \$397.04 | \$1,588.16 |
| 29 | E21.02 | 6" PVC SEWER CLEANOUT | EA | 3.00 | \$300.00 | \$900.00 | \$345.00 | \$1,035.00 | \$650.00 | \$1,950.00 | \$472.01 | \$1,416.03 |
| 30 | E24.02 | CONNECT TO EXISTING SEWER MAIN | EA | 2.00 | \$500.00 | \$1,000.00 | \$2,410.00 | \$4,820.00 | \$350.00 | \$700.00 | \$731.11 | \$1,462.22 |
| 31 | E24.04 | RECONNECT SEWER SERVICE | EA | 6.00 | \$400.00 | \$2,400.00 | \$330.00 | \$1,980.00 | \$275.00 | \$1,650.00 | \$505.06 | \$3,030.36 |
| 32 | E24.05 | CONNECT TO EXISTING MANHOLE | EA | 2.00 | \$1,000.00 | \$2,000.00 | \$805.00 | \$1,610.00 | \$1,250.00 | \$2,500.00 | \$372.08 | \$744.16 |
| 33 | E24.06 | DISCONNECT & PLUG SEWER MAIN | EA | 1.00 | \$200.00 | \$200.00 | \$685.00 | \$685.00 | \$365.00 | \$365.00 | \$460.08 | \$460.08 |
| 34 | E24.07 | CONNECT TO EXISTING INLET | EA | 1.00 | \$500.00 | \$500.00 | \$510.00 | \$510.00 | \$600.00 | \$600.00 | \$221.59 | \$221.59 |

| | | | | | | | | | | | | |
|----|--------|--------------------------------------|------|--------|-------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| 35 | E27.03 | RESHAPE MANHOLE INVERT | EA | 1.00 | \$1,000.00 | \$1,000.00 | \$900.00 | \$900.00 | \$1,400.00 | \$1,400.00 | \$505.41 | \$505.41 |
| 36 | G01.03 | 15" RCP, CLASS II | LF | 40.00 | \$60.00 | \$2,400.00 | \$49.00 | \$1,960.00 | \$52.25 | \$2,090.00 | \$74.66 | \$2,986.40 |
| 37 | G31.01 | TYPE "B" INLET | EA | 1.00 | \$3,500.00 | \$3,500.00 | \$1,910.00 | \$1,910.00 | \$2,630.00 | \$2,630.00 | \$2,885.39 | \$2,885.39 |
| 38 | H01.03 | WATER POLLUTION CONTROL | LS | 1.00 | \$10,000.00 | \$10,000.00 | \$515.00 | \$515.00 | \$575.00 | \$575.00 | \$540.45 | \$540.45 |
| 39 | H01.04 | WATER FOR DUST CONTROL | MGAL | 20.00 | \$20.00 | \$400.00 | \$22.00 | \$440.00 | \$35.00 | \$700.00 | \$19.79 | \$395.80 |
| 40 | H13.02 | ROCK CONSTRUCTION ENTRANCE | EA | 2.00 | \$1,000.00 | \$2,000.00 | \$265.00 | \$570.00 | \$875.00 | \$1,750.00 | \$1,060.61 | \$2,121.22 |
| 41 | H15.01 | 9" WATTLES | LF | 550.00 | \$10.00 | \$5,500.00 | \$2.50 | \$1,375.00 | \$5.00 | \$2,750.00 | \$6.27 | \$3,448.50 |
| 42 | H16.01 | EROSION CONTROL, INLET PROTECTION | EA | 6.00 | \$150.00 | \$900.00 | \$180.00 | \$1,080.00 | \$100.00 | \$600.00 | \$132.37 | \$794.22 |
| 43 | I01.01 | AGGREGATE BASE COURSE, 3/4" | T | 648.00 | \$25.00 | \$16,200.00 | \$23.00 | \$14,904.00 | \$41.50 | \$26,892.00 | \$21.59 | \$13,990.32 |
| 44 | I02.02 | GRAVEL SURFACING, PERMANENT | T | 13.00 | \$30.00 | \$390.00 | \$28.00 | \$364.00 | \$100.00 | \$1,300.00 | \$21.59 | \$280.67 |
| 45 | I02.09 | GRAVEL SURFACING, TEMPORARY | T | 200.00 | \$25.00 | \$5,000.00 | \$20.00 | \$4,000.00 | \$57.75 | \$11,550.00 | \$21.59 | \$4,318.00 |
| 46 | I03.03 | SOIL SUPPORT FABRIC/GEOGRID | SY | 750.00 | \$5.50 | \$4,125.00 | \$3.00 | \$2,250.00 | \$2.50 | \$1,875.00 | \$4.04 | \$3,030.00 |
| 47 | I08.01 | AC PATCHING, CLASS E, TYPE 1 PG64-28 | T | 124.00 | \$120.00 | \$14,880.00 | \$110.00 | \$13,640.00 | \$100.00 | \$12,400.00 | \$202.04 | \$25,052.96 |
| 48 | I12.01 | ASPHALT COMPACTION TESTS | EA | 8.00 | \$150.00 | \$1,200.00 | \$41.00 | \$328.00 | \$100.00 | \$800.00 | \$167.21 | \$1,337.68 |
| 49 | I14.01 | PCC APPROACH PAVEMENT, 6" REINFORCED | SY | 54.00 | \$100.00 | \$5,400.00 | \$87.00 | \$4,698.00 | \$76.00 | \$4,104.00 | \$89.06 | \$4,809.24 |
| 50 | I15.03 | PCC DRIVEWAY PAVEMENT, 6" REINFORCED | SY | 123.00 | \$75.00 | \$9,225.00 | \$90.00 | \$11,070.00 | \$80.00 | \$9,840.00 | \$89.06 | \$10,954.38 |
| 51 | I19.01 | CONCRETE CURB & GUTTER, TYPE B6-6 | LF | 46.00 | \$25.00 | \$1,150.00 | \$46.00 | \$2,116.00 | \$65.00 | \$2,990.00 | \$24.46 | \$1,125.16 |
| 52 | I21.01 | CONCRETE "P8" GUTTER | LF | 89.00 | \$20.00 | \$1,780.00 | \$41.00 | \$3,649.00 | \$40.00 | \$3,560.00 | \$24.46 | \$2,176.94 |
| 53 | I23.02 | CONCRETE DRAIN PAN, 6" REINFORCED | SY | 268.00 | \$75.00 | \$20,100.00 | \$74.00 | \$19,832.00 | \$78.00 | \$20,904.00 | \$89.06 | \$23,868.08 |
| 54 | I32.03 | CONCRETE SIDEWALK, 6" REINFORCED | SF | 665.00 | \$10.00 | \$6,650.00 | \$10.00 | \$6,650.00 | \$16.00 | \$10,640.00 | \$9.47 | \$6,297.55 |
| 55 | I33.01 | CONCRETE SIDEWALK, 4" NON-REINFORCED | SF | 200.00 | \$7.00 | \$1,400.00 | \$7.50 | \$1,500.00 | \$14.00 | \$2,800.00 | \$7.45 | \$1,490.00 |

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|-----------------------|--------|-----------------|----|--------|-------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| 56 | L06.01 | TRAFFIC CONTROL | LS | 1.00 | \$25,000.00 | \$25,000.00 | \$3,860.00 | \$3,860.00 | \$4,000.00 | \$4,000.00 | \$5,225.25 | \$5,225.25 |
| 57 | L06.03 | FLAGGING | HR | 120.00 | \$25.00 | \$3,000.00 | \$25.00 | \$3,000.00 | \$30.00 | \$3,600.00 | \$23.47 | \$2,816.40 |
| BASE BID TOTAL | | | | | | | | | | | | |
| | | | | | | \$287,310.00 | | \$261,468.00 | | \$250,169.75 | | \$245,312.25 |

ALTERNATE 1A

| | | | | | | | | | | | | |
|---------------------------|--------|----------------------------|---|--------|----------|-------------|---------|-------------|---------|-------------|----------|-------------|
| 1A | I04.03 | AC, CLASS E, TYPE1 PG64-28 | T | 620.00 | \$110.00 | \$68,200.00 | \$80.00 | \$49,600.00 | \$76.10 | \$47,182.00 | \$108.34 | \$67,170.80 |
| ALTERNATE 1A TOTAL | | | | | | \$68,200.00 | | \$49,600.00 | | \$47,182.00 | | \$67,170.80 |

ALTERNATE 1B

| | | | | | | | | | | | | |
|---------------------------|--------|--------------------------------|----|---------|---------|--------------|---------|-------------|---------|--------------|---------|--------------|
| 1B | I16.01 | PCC PAVEMENT 6" NON-REINFORCED | SY | 1520.00 | \$75.00 | \$114,000.00 | \$62.40 | \$94,848.00 | \$85.00 | \$129,200.00 | \$87.20 | \$132,544.00 |
| ALTERNATE 1B TOTAL | | | | | | \$114,000.00 | | \$94,848.00 | | \$129,200.00 | | \$132,544.00 |

ALTERNATE 2A

| | | | | | | | | | | | | |
|---------------------------|--------|---|----|--------|-------------|-------------|------------|-------------|--|--------|------------|-------------|
| 2.1A | | 8" PVC SEWER MAIN (SLIP LINED METHOD) | LF | 498.00 | \$50.00 | \$24,900.00 | \$33.00 | \$16,434.00 | | \$0.00 | \$59.93 | \$29,845.14 |
| 2.2A | | 8" PVC SEWER MAIN (PIPE BURSTING METHO | LF | 496.00 | \$40.00 | \$19,840.00 | \$26.00 | \$12,896.00 | | \$0.00 | \$85.59 | \$42,452.64 |
| 2.3A | | SPOT REPAIR | EA | 4.00 | \$3,000.00 | \$12,000.00 | \$2,000.00 | \$8,000.00 | | \$0.00 | \$3,842.85 | \$15,371.40 |
| 2.4A | E28.01 | BYPASS PUMPING | LS | 1.00 | \$15,000.00 | \$15,000.00 | \$3,900.00 | \$3,900.00 | | \$0.00 | \$8,607.76 | \$8,607.76 |
| ALTERNATE 2A TOTAL | | | | | | \$71,740.00 | | \$41,230.00 | | \$0.00 | | \$96,276.94 |

ALTERNATE 2B

| | | | | | | | | | | | | |
|------|--------|--------------------------------------|----|-------|----------|------------|--|--------|----------|------------|----------|------------|
| 2.1B | D08.01 | CONTROLLED LOW STRENGTH BACKFILL MAT | CY | 25.00 | \$150.00 | \$3,750.00 | | \$0.00 | \$145.00 | \$3,625.00 | \$155.69 | \$3,892.25 |
|------|--------|--------------------------------------|----|-------|----------|------------|--|--------|----------|------------|----------|------------|

