

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1**  
**North Rapid Booster Station Reconstruction**  
**PROJECT NO. 13-2080 / CIP NO. 50812.A**  
**JUNE 17, 2015**  
**ORIGINAL CONTRACT AMOUNT: \$2,223,079.01**  
**CONTRACTOR: R.C.S. CONSTRUCTION, INC.**

| CO  | LINE ITEM | DESCRIPTION  | UNIT | CURRENT CONTRACT QUANTITY | UNIT PRICE   | EXTENDED PRICE | ADJUSTED QUANTITY | ADJUSTED PRICE | NET CHANGE    |
|-----|-----------|--|------|---------------------------|--------------|----------------|-------------------|----------------|---------------|
|     |           | <b>BID SCHEDULE 1</b>  |      |                           |              |                |                   |                |               |
|     |           | <b>DIVISION 01 - GENERAL REQUIREMENTS</b>                                      |      |                           |              |                |                   |                |               |
|     | 1         | MOBILIZATION, BONDS, INSURANCE, PERMITS, INCIDENTAL WORK                       | LS   | 1.00                      | \$156,000.00 | \$156,000.00   | 1.00              | \$156,000.00   | \$0.00        |
|     | 2         | SUBMITTALS, TEMP. FACILITIES & CONTROLS, CONST STAKING, RE-ESTAB. PROP CORNERS | LS   | 1.00                      | \$69,000.00  | \$69,000.00    | 1.00              | \$69,000.00    | \$0.00        |
|     | 3         | TRAFFIC CONTROL  | LS   | 1.00                      | \$4,000.00   | \$4,000.00     | 1.00              | \$4,000.00     | \$0.00        |
|     | 4         | EROSION & SEDIMENT CONTROL   | LS   | 1.00                      | \$9,000.00   | \$9,000.00     | 1.00              | \$9,000.00     | \$0.00        |
|     | 5         | START-UP, OPERATION & MAINTENANCE DATA, TRAINING, CLOSEOUT                     | LS   | 1.00                      | \$46,000.00  | \$46,000.00    | 1.00              | \$46,000.00    | \$0.00        |
|     |           | <b>DIVISION 02 - EXISTING CONDITIONS</b>                                       |      |                           |              |                |                   |                |               |
|     | 6         | SITE DEMOLITION, CLEARING, & REMOVALS  | LS   | 1.00                      | \$4,400.00   | \$4,400.00     | 1.00              | \$4,400.00     | \$0.00        |
|     |           | <b>DIVISION 03 - CONCRETE</b>  |      |                           |              |                |                   |                |               |
|     | 7         | CAST-IN-PLACE BUILDING CONCRETE & REINFORCEMENT                                | LS   | 1.00                      | \$43,000.00  | \$43,000.00    | 1.00              | \$43,000.00    | \$0.00        |
|     |           | <b>DIVISION 04 - MASONRY</b>   |      |                           |              |                |                   |                |               |
|     | 8         | BRICK MASONRY - EXTERIOR VENEER  | LS   | 1.00                      | \$45,000.00  | \$45,000.00    | 1.00              | \$45,000.00    | \$0.00        |
|     | 9         | CONCRETE UNIT MASONRY  | LS   | 1.00                      | \$36,000.00  | \$36,000.00    | 0.00              | \$0.00         | (\$36,000.00) |
| CO1 | 9A        | CONCRETE UNIT MASONRY  | LS   | 0.00                      | \$29,040.80  | \$0.00         | 1.00              | \$29,040.80    | \$29,040.80   |
|     |           | <b>DIVISION 05 - METALS</b>  |      |                           |              |                |                   |                |               |
|     | 10        | STRUCTURAL STEEL FRAMING   | LS   | 1.00                      | \$22,000.00  | \$22,000.00    | 1.00              | \$22,000.00    | \$0.00        |
|     |           | <b>DIVISION 06 - WOOD, PLASTICS &amp; COMPOSITES</b>                           |      |                           |              |                |                   |                |               |
|     | 11        | ROUGH & FINISH CARPENTRY   | LS   | 1.00                      | \$39,000.00  | \$39,000.00    | 1.00              | \$39,000.00    | \$0.00        |
|     | 12        | WOOD ROOF TRUSSES & SHEATHING  | LS   | 1.00                      | \$14,000.00  | \$14,000.00    | 1.00              | \$14,000.00    | \$0.00        |
|     |           | <b>DIVISION 07 - THERMAL AND MOISTURE PROTECTION</b>                           |      |                           |              |                |                   |                |               |

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|-----|-----------|--|------|---------------------------|--------------|----------------|-------------------|----------------|----------------|
|     | 13        | INSULATION   | LS   | 1.00                      | \$6,000.00   | \$6,000.00     | 1.00              | \$6,000.00     | \$0.00         |
|     | 14        | SHINGLE ROOFING SYSTEM   | LS   | 1.00                      | \$8,500.00   | \$8,500.00     | 1.00              | \$8,500.00     | \$0.00         |
|     | 15        | SHEET METAL FLASHING, GUTTERS, & DOWNSPOUTS                    | LS   | 1.00                      | \$3,300.00   | \$3,300.00     | 1.00              | \$3,300.00     | \$0.00         |
|     | 16        | ARCHITECTURAL CAULKING & SEALANTS                              | LS   | 1.00                      | \$4,300.00   | \$4,300.00     | 1.00              | \$4,300.00     | \$0.00         |
|     |           | <b>DIVISION 08 - OPENINGS</b>                                  |      |                           |              |                |                   |                |                |
|     | 17        | DOORS, FRAMES, & HARDWARE                                      | LS   | 1.00                      | \$6,000.00   | \$6,000.00     | 1.00              | \$6,000.00     | \$0.00         |
|     | 18        | WINDOWS  | LS   | 1.00                      | \$10,000.00  | \$10,000.00    | 1.00              | \$10,000.00    | \$0.00         |
|     |           | <b>DIVISION 09 - FINISHES &amp; DIVISION 10 - SPECIALTIES</b>  |      |                           |              |                |                   |                |                |
|     | 19        | PAINTING & COATING   | LS   | 1.00                      | \$16,000.00  | \$16,000.00    | 1.00              | \$16,000.00    | \$0.00         |
|     | 20        | GYPSUM BOARD & SPECIALTIES                                     | LS   | 1.00                      | \$3,500.00   | \$3,500.00     | 1.00              | \$3,500.00     | \$0.00         |
|     |           | <b>DIVISION 22 - PLUMBING</b>                                  |      |                           |              |                |                   |                |                |
|     | 21        | PLUMBING   | LS   | 1.00                      | \$28,000.00  | \$28,000.00    | 1.00              | \$28,000.00    | \$0.00         |
|     | 22        | PLUMBING FIXTURES & DOMESTIC WATER HEATERS                     | LS   | 1.00                      | \$2,500.00   | \$2,500.00     | 1.00              | \$2,500.00     | \$0.00         |
|     |           | <b>DIVISION 23 - HEATING, VENTILATING AND AIR-CONDITIONING</b> |      |                           |              |                |                   |                |                |
|     | 23        | HVAC EQUIPMENT, DUCTS, PIPING, & SUPPORTS                      | LS   | 1.00                      | \$57,000.00  | \$57,000.00    | 1.00              | \$57,000.00    | \$0.00         |
|     |           | <b>DIVISION 26 - ELECTRICAL</b>                                |      |                           |              |                |                   |                |                |
|     | 24        | ELECTRICAL HANGERS & SUPPORTS                                  | LS   | 1.00                      | \$2,100.00   | \$2,100.00     | 1.00              | \$2,100.00     | \$0.00         |
|     | 25        | WIRING & WIRING DEVICES  | LS   | 1.00                      | \$35,000.00  | \$35,000.00    | 1.00              | \$35,000.00    | \$0.00         |
|     | 26        | CONDUIT & UNDERGROUND DUCTS, INCLUDING ENCASEMENTS             | LS   | 1.00                      | \$64,000.00  | \$64,000.00    | 0.00              | \$0.00         | (\$64,000.00)  |
| CO1 | 26A       | DUCTS, INCLUDING ENCASEMENTS                                   | LS   | 0.00                      | \$59,734.69  | \$0.00         | 1.00              | \$59,734.69    | \$59,734.69    |
|     | 27        | BOXES, DISTRIBUTION PANELS, & SWITCHES                         | LS   | 1.00                      | \$57,000.00  | \$57,000.00    | 0.00              | \$0.00         | (\$57,000.00)  |
| CO1 | 27A       | BOXES, DISTRIBUTION PANELS, & SWITCHES                         | LS   | 0.00                      | \$54,352.95  | \$0.00         | 1.00              | \$54,352.95    | \$54,352.95    |
|     | 28        | VARIABLE-FREQUENCY MOTOR CONTROLLERS                           | LS   | 1.00                      | \$170,000.00 | \$170,000.00   | 0.00              | \$0.00         | (\$170,000.00) |
| CO1 | 28A       | VARIABLE-FREQUENCY MOTOR CONTROLLERS                           | LS   | 0.00                      | \$136,676.98 | \$0.00         | 1.00              | \$136,676.98   | \$136,676.98   |
|     | 29        | LIGHTING   | LS   | 1.00                      | \$11,000.00  | \$11,000.00    | 0.00              | \$0.00         | (\$11,000.00)  |
| CO1 | 29A       | LIGHTING   | LS   | 0.00                      | \$6,899.68   | \$0.00         | 1.00              | \$6,899.68     | \$6,899.68     |
|     |           | <b>DIVISION 31 - EARTHWORK</b>                                 |      |                           |              |                |                   |                |                |

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|     | 30        | SITE: EXCAVATION, BACKFILLING, & COMPACTING                                   | LS   | 1.00                      | \$26,200.00  | \$26,200.00    | 1.00              | \$26,200.00    | \$0.00         |
|     | 31        | BUILDING: EXCAVATION, BACKFILLING, & COMPACTING                               | LS   | 1.00                      | \$13,000.00  | \$13,000.00    | 0.00              | \$0.00         | (\$13,000.00)  |
| CO1 | 31A       | BUILDING: EXCAVATION, BACKFILLING, & COMPACTING                               | LS   | 0.00                      | \$11,137.97  | \$0.00         | 1.00              | \$11,137.97    | \$11,137.97    |
|     |           | <b>DIVISION 32 - EXTERIOR IMPROVEMENTS</b>                                    |      |                           |              |                |                   |                |                |
|     | 32        | ASPHALT PAVING  | LS   | 1.00                      | \$47,000.00  | \$47,000.00    | 1.00              | \$47,000.00    | \$0.00         |
|     | 33        | CONCRETE CURB, GUTTERS, & SIDEWALK  | LS   | 1.00                      | \$9,420.00   | \$9,420.00     | 1.00              | \$9,420.00     | \$0.00         |
|     | 34        | FENCES & GATES  | LS   | 1.00                      | \$51,000.00  | \$51,000.00    | 0.00              | \$0.00         | (\$51,000.00)  |
| CO1 | 34A       | FENCES & GATES  | LS   | 0.00                      | \$25,531.59  | \$0.00         | 1.00              | \$25,531.59    | \$25,531.59    |
|     | 35        | SODDING   | LS   | 1.00                      | \$25,900.00  | \$25,900.00    | 1.00              | \$25,900.00    | \$0.00         |
|     | 36        | LANDSCAPING   | LS   | 1.00                      | \$8,000.00   | \$8,000.00     | 1.00              | \$8,000.00     | \$0.00         |
|     | 37        | IRRIGATION SYSTEMS  | LS   | 1.00                      | \$2,000.00   | \$2,000.00     | 1.00              | \$2,000.00     | \$0.00         |
|     | 38        | PARKING LOT PAINTING & BUMPER BLOCKS  | LS   | 1.00                      | \$2,350.00   | \$2,350.00     | 1.00              | \$2,350.00     | \$0.00         |
|     |           | <b>DIVISION 33 - UTILITIES</b>  |      |                           |              |                |                   |                |                |
|     | 39        | 16" (DR 14) SITE PIPING, DRAIN PIPING, TRENCHING, BACKFILL, VALVES, & APPURT. | LS   | 1.00                      | \$82,000.00  | \$82,000.00    | 0.00              | \$0.00         | (\$82,000.00)  |
| CO1 | 39A       | 16" (DR 14) SITE PIPING, DRAIN PIPING, TRENCHING, BACKFILL, VALVES, & APPURT. | LS   | 0.00                      | \$75,755.69  | \$0.00         | 1.00              | \$75,755.69    | \$75,755.69    |
|     | 40        | WATER METERS  | LS   | 1.00                      | \$14,000.00  | \$14,000.00    | 1.00              | \$14,000.00    | \$0.00         |
|     | 41        | PRESSURE TESTING AND DISINFECTION OF PIPING                                   | LS   | 1.00                      | \$11,100.00  | \$11,100.00    | 1.00              | \$11,100.00    | \$0.00         |
|     | 42        | SANITARY SEWER PIPING & APPURTENANCES, INCLUDING ENCASEMENTS                  | LS   | 1.00                      | \$3,000.00   | \$3,000.00     | 1.00              | \$3,000.00     | \$0.00         |
|     |           | <b>DIVISION 40 - PROCESS INTEGRATION</b>                                      |      |                           |              |                |                   |                |                |
|     | 43        | PROCESS ABOVE/BELOW GROUND PIPING, VALVES, & APPURTENANCES                    | LS   | 1.00                      | \$314,000.00 | \$314,000.00   | 0.00              | \$0.00         | (\$314,000.00) |
| CO1 | 43A       | PROCESS ABOVE/BELOW GROUND PIPING, VALVES, & APPURTENANCES                    | LS   | 0.00                      | \$291,865.27 | \$0.00         | 1.00              | \$291,865.27   | \$291,865.27   |
|     | 44        | SURGE CONTROL VALVES  | LS   | 1.00                      | \$8,000.00   | \$8,000.00     | 1.00              | \$8,000.00     | \$0.00         |
|     | 45        | I&C EQUIP. & HARDWARE PURCHASED FROM ICS BY CONTRACTOR                        | LS   | 1.00                      | \$31,479.00  | \$31,479.00    | 1.00              | \$31,479.00    | \$0.00         |

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|     | 46        | I&C EQUIP. & HARDWARE INSTALLED BY CONTR., CONTROLS WIRE & CONDUIT                        | LS   | 1.00                      | \$32,000.00  | \$32,000.00    | 1.00              | \$32,000.00    | \$0.00         |
|     |           | <b>DIVISION 41 - MATERIAL PROCESSING AND HANDLING EQUIPMENT</b>                           |      |                           |              |                |                   |                |                |
|     | 47        | BRIDGE CRANE  | LS   | 1.00                      | \$43,000.00  | \$43,000.00    | 0.00              | \$0.00         | (\$43,000.00)  |
| CO1 | 47A       | BRIDGE CRANE  | LS   | 0.00                      | \$20,274.86  | \$0.00         | 1.00              | \$20,274.86    | \$20,274.86    |
|     |           | <b>DIVISION 43 - PROCESS GAS AND LIQUID HANDLING, PURIFICATION, AND STORAGE EQUIPMENT</b> |      |                           |              |                |                   |                |                |
|     | 48        | SPLIT CASE CENTRIFUGAL PUMPS  | LS   | 1.00                      | \$210,000.00 | \$210,000.00   | 0.00              | \$0.00         | (\$210,000.00) |
| CO1 | 48A       | SPLIT CASE CENTRIFUGAL PUMPS  | LS   | 0.00                      | \$195,969.36 | \$0.00         | 1.00              | \$195,969.36   | \$195,969.36   |
|     |           | <b>SUBTOTAL</b>   |      |                           |              |                |                   |                |                |
|     | 49        | BID ADJUSTMENT ITEM(1): ADD DEDUCT (Circle one)   | LS   | 1.00                      | \$10,000.00  | \$10,000.00    | 1.00              | \$10,000.00    | \$0.00         |
|     |           | <b>BID SCHEDULE 2</b>   |      |                           |              |                |                   |                |                |
|     | 50        | MOBILIZATION  | LS   | 1.00                      | \$69,000.00  | \$69,000.00    | 1.00              | \$69,000.00    | \$0.00         |
|     | 51        | INCIDENTAL WORK   | LS   | 1.00                      | \$44,000.00  | \$44,000.00    | 1.00              | \$44,000.00    | \$0.00         |
|     | 52        | CONSTRUCTION STAKING  | LS   | 1.00                      | \$6,000.00   | \$6,000.00     | 1.00              | \$6,000.00     | \$0.00         |
|     | 53        | TRAFFIC CONTROL   | LS   | 1.00                      | \$10,000.00  | \$10,000.00    | 1.00              | \$10,000.00    | \$0.00         |
|     | 54        | SEDIMENT CONTROL WATTLE (SCW), 9" DIAMETER  | LF   | 328.00                    | \$3.00       | \$984.00       | 328.00            | \$984.00       | \$0.00         |
|     | 55        | REMOVE SEDIMENT CONTROL WATTLE  | LF   | 328.00                    | \$1.00       | \$328.00       | 328.00            | \$328.00       | \$0.00         |
|     | 56        | TEMPORARY GRAVEL SURFACING, 1" BASE COURSE  | TON  | 75.00                     | \$22.00      | \$1,650.00     | 75.00             | \$1,650.00     | \$0.00         |
|     | 57        | UNCLASSIFIED EXCAVATION - DIGOUTS WITH TYPE 4 FOUNDATION MATERIAL                         | CY   | 50.00                     | \$12.00      | \$600.00       | 50.00             | \$600.00       | \$0.00         |
|     | 58        | IMPORTED BACKFILL MATERIAL (TRENCH)   | CY   | 100.00                    | \$10.00      | \$1,000.00     | 100.00            | \$1,000.00     | \$0.00         |
|     | 59        | IMPORTED BACKFILL MATERIAL (GRADING)  | CY   | 200.00                    | \$10.00      | \$2,000.00     | 200.00            | \$2,000.00     | \$0.00         |
|     | 60        | TYPE I BEDDING  | TON  | 200.00                    | \$17.00      | \$3,400.00     | 200.00            | \$3,400.00     | \$0.00         |
|     | 61        | TYPE II FOUNDATION MATERIAL   | TON  | 150.00                    | \$17.00      | \$2,550.00     | 150.00            | \$2,550.00     | \$0.00         |
|     | 62        | TYPE III FOUNDATION MATERIAL  | TON  | 100.00                    | \$17.00      | \$1,700.00     | 100.00            | \$1,700.00     | \$0.00         |
|     | 63        | TYPE IV FOUNDATION MATERIAL   | TON  | 100.00                    | \$17.00      | \$1,700.00     | 100.00            | \$1,700.00     | \$0.00         |
|     | 64        | CONTROLLED LOW STRENGTH BACKFILL MATERIAL TRENCH  | CY   | 50.00                     | \$120.00     | \$6,000.00     | 50.00             | \$6,000.00     | \$0.00         |
|     | 65        | AASHTO T-180 SOIL TEST  | EA   | 2.00                      | \$400.00     | \$800.00       | 2.00              | \$800.00       | \$0.00         |

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|    | 66        | CLEARING AND GRUBBING, STUMP   | EA   | 1.00                      | \$1,250.00 | \$1,250.00     | 1.00              | \$1,250.00     | \$0.00     |
|    | 67        | CLEARING AND GRUBBING  | LS   | 1.00                      | \$6,000.00 | \$6,000.00     | 1.00              | \$6,000.00     | \$0.00     |
|    | 68        | DEMO VARIABLE HEIGHT RETAINING WALL  | LF   | 19.00                     | \$90.00    | \$1,710.00     | 19.00             | \$1,710.00     | \$0.00     |
|    | 69        | REMOVE ACC PAVEMENT, INCLUDING SAWCUTTING  | SY   | 9.00                      | \$40.00    | \$360.00       | 9.00              | \$360.00       | \$0.00     |
|    | 70        | REMOVE PCC PANELS, INCLUDING SAWCUTTING  | SY   | 112.00                    | \$20.00    | \$2,240.00     | 112.00            | \$2,240.00     | \$0.00     |
|    | 71        | REMOVE PCC SIDEWALK, INCLUDING SAWCUTTING  | SF   | 942.00                    | \$2.00     | \$1,884.00     | 942.00            | \$1,884.00     | \$0.00     |
|    | 72        | REMOVE PCC FILLET, INCLUDING SAWCUTTING  | SY   | 4.80                      | \$50.00    | \$240.00       | 4.80              | \$240.00       | \$0.00     |
|    | 73        | REMOVE TYPE B66 CURB AND GUTTER, INCLUDING SAWCUTTING                            | SY   | 21.80                     | \$40.00    | \$872.00       | 21.80             | \$872.00       | \$0.00     |
|    | 74        | REMOVE EXISTING BOOSTER STATION SHED, CONCRETE BASE AND APPURTANCES, BACKFILL    | LS   | 1.00                      | \$4,000.00 | \$4,000.00     | 1.00              | \$4,000.00     | \$0.00     |
|    | 75        | REMOVE FIRE HYDRANT AUX. VALVE AND LEAD  | EA   | 2.00                      | \$1,100.00 | \$2,200.00     | 2.00              | \$2,200.00     | \$0.00     |
|    | 76        | REMOVE WATER VALVE AND BOX, 20"  | EA   | 2.00                      | \$500.00   | \$1,000.00     | 2.00              | \$1,000.00     | \$0.00     |
|    | 77        | REMOVE WATER VALVE AND BOX, 16"  | EA   | 3.00                      | \$500.00   | \$1,500.00     | 3.00              | \$1,500.00     | \$0.00     |
|    | 78        | REMOVE WATER VALVE AND BOX, 8"   | EA   | 1.00                      | \$500.00   | \$500.00       | 1.00              | \$500.00       | \$0.00     |
|    | 79        | REMOVE WATER VALVE AND BOX, 6"   | EA   | 3.00                      | \$500.00   | \$1,500.00     | 3.00              | \$1,500.00     | \$0.00     |
|    | 80        | ABANDON 16-INCH AC WATER MAIN IN-PLACE, GROUT ANNULUS WITH 500 PSI FLOWABLE FILL | LF   | 45.00                     | \$58.00    | \$2,610.00     | 45.00             | \$2,610.00     | \$0.00     |
|    | 81        | CONNECT TO EXISTING WATER MAIN   | EA   | 6.00                      | \$1,400.00 | \$8,400.00     | 6.00              | \$8,400.00     | \$0.00     |
|    | 82        | 6" PVC WATER MAIN, AWWA C-900, (DR 18)   | LF   | 10.00                     | \$180.00   | \$1,800.00     | 10.00             | \$1,800.00     | \$0.00     |
|    | 83        | 8" PVC WATER MAIN, AWWA C-900, (DR 18)   | LF   | 49.00                     | \$80.00    | \$3,920.00     | 49.00             | \$3,920.00     | \$0.00     |
|    | 84        | 12" PVC WATER MAIN, AWWA C-900, (DR 18), RESTRAINED JOINT                        | LF   | 435.00                    | \$70.00    | \$30,450.00    | 435.00            | \$30,450.00    | \$0.00     |
|    | 85        | 16" PVC WATER MAIN, AWWA C-900, (DR 18)  | LF   | 3.00                      | \$500.00   | \$1,500.00     | 3.00              | \$1,500.00     | \$0.00     |
|    | 86        | 20" DIP CASING END SEAL  | EA   | 2.00                      | \$400.00   | \$800.00       | 2.00              | \$800.00       | \$0.00     |

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|    | 87        | 20" DIP CASING SPACERS                                 | EA   | 26.00                     | \$280.00   | \$7,280.00     | 26.00             | \$7,280.00     | \$0.00     |
|    | 88        | 60-LB ZINC GALVANIC ANODE AT CASING                    | EA   | 2.00                      | \$350.00   | \$700.00       | 2.00              | \$700.00       | \$0.00     |
|    | 89        | AIR BLOWN SAND IN 20" DIP CASING                       | CY   | 8.00                      | \$100.00   | \$800.00       | 8.00              | \$800.00       | \$0.00     |
|    | 90        | 12" GATE VALVE WITH BOX                                | EA   | 4.00                      | \$2,800.00 | \$11,200.00    | 4.00              | \$11,200.00    | \$0.00     |
|    | 91        | 8" GATE VALVE WITH BOX                                 | EA   | 1.00                      | \$1,700.00 | \$1,700.00     | 1.00              | \$1,700.00     | \$0.00     |
|    | 92        | 16" 90 DEGREE BEND                                     | EA   | 1.00                      | \$1,700.00 | \$1,700.00     | 1.00              | \$1,700.00     | \$0.00     |
|    | 93        | 12" 45 DEGREE BEND                                     | EA   | 2.00                      | \$850.00   | \$1,700.00     | 2.00              | \$1,700.00     | \$0.00     |
|    | 94        | 12" 11.25 DEGREE BEND                                  | EA   | 2.00                      | \$800.00   | \$1,600.00     | 2.00              | \$1,600.00     | \$0.00     |
|    | 95        | 12" HIGH DEFLECTION COUPLING                           | EA   | 2.00                      | \$700.00   | \$1,400.00     | 2.00              | \$1,400.00     | \$0.00     |
|    | 96        | 8" 45 DEGREE BEND                                      | EA   | 2.00                      | \$450.00   | \$900.00       | 2.00              | \$900.00       | \$0.00     |
|    | 97        | 20" X 16" REDUCER                                      | EA   | 1.00                      | \$1,600.00 | \$1,600.00     | 1.00              | \$1,600.00     | \$0.00     |
|    | 98        | 16" X 12" REDUCER                                      | EA   | 1.00                      | \$850.00   | \$850.00       | 1.00              | \$850.00       | \$0.00     |
|    | 99        | 12" X 8" REDUCER                                       | EA   | 1.00                      | \$500.00   | \$500.00       | 1.00              | \$500.00       | \$0.00     |
|    | 100       | 8" X 6" REDUCER  | EA   | 1.00                      | \$350.00   | \$350.00       | 1.00              | \$350.00       | \$0.00     |
|    | 101       | 6" M.J. PLUG   | EA   | 2.00                      | \$200.00   | \$400.00       | 2.00              | \$400.00       | \$0.00     |
|    | 102       | 12" X 8" X 12" TEE                                     | EA   | 2.00                      | \$1,050.00 | \$2,100.00     | 2.00              | \$2,100.00     | \$0.00     |
|    | 103       | 12" X 6" X 12" TEE                                     | EA   | 2.00                      | \$900.00   | \$1,800.00     | 2.00              | \$1,800.00     | \$0.00     |
|    | 104       | FIRE HYDRANT WITH AUX. VALVE, BOX AND LEAD             | EA   | 2.00                      | \$4,600.00 | \$9,200.00     | 2.00              | \$9,200.00     | \$0.00     |
|    | 105       | CORROSION PROTECTION TEST STATION                      | EA   | 4.00                      | \$250.00   | \$1,000.00     | 4.00              | \$1,000.00     | \$0.00     |
|    | 106       | TRACER WIRE BOX  | EA   | 3.00                      | \$125.00   | \$375.00       | 3.00              | \$375.00       | \$0.00     |
|    | 107       | INSULATE WATER MAIN PER RAPID CITY STD. DETAIL 11-1    | SF   | 656.00                    | \$2.50     | \$1,640.00     | 656.00            | \$1,640.00     | \$0.00     |
|    | 108       | ACC PAVING MOBILIZATION                                | EA   | 1.00                      | \$500.00   | \$500.00       | 1.00              | \$500.00       | \$0.00     |
|    | 109       | ASPHALT CONCRETE, GLASS G, TYPE 1, PG64-28             | TON  | 3.00                      | \$466.67   | \$1,400.01     | 3.00              | \$1,400.01     | \$0.00     |
|    | 110       | AGGREGATE BASE COURSE, 1"                              | TON  | 55.00                     | \$35.00    | \$1,925.00     | 55.00             | \$1,925.00     | \$0.00     |
|    | 111       | TYPE B66 CURB AND GUTTER                               | LF   | 78.00                     | \$30.00    | \$2,340.00     | 78.00             | \$2,340.00     | \$0.00     |
|    | 112       | PCC FILLET, 6" NONREINFORCED                           | SY   | 4.80                      | \$90.00    | \$432.00       | 4.80              | \$432.00       | \$0.00     |
|    | 113       | PCC SIDEWALK, 4" NONREINFORCED                         | SF   | 856.00                    | \$5.50     | \$4,708.00     | 856.00            | \$4,708.00     | \$0.00     |
|    | 114       | PCC PAVEMENT, 8" NONREINFORCED, W/ DOWELS AND TIE BARS | SY   | 112.00                    | \$100.00   | \$11,200.00    | 112.00            | \$11,200.00    | \$0.00     |
|    | 115       | DETECTABLE WARNING PANEL                               | SF   | 16.00                     | \$60.00    | \$960.00       | 16.00             | \$960.00       | \$0.00     |
|    | 116       | 6" DIAMETER PIPE UNDERDRAIN (DETAIL 64-1)              | LF   | 78.00                     | \$8.00     | \$624.00       | 78.00             | \$624.00       | \$0.00     |
|    | 117       | CONNECT TO EXISTING EDGE DRAIN                         | EA   | 4.00                      | \$120.00   | \$480.00       | 4.00              | \$480.00       | \$0.00     |
|    | 118       | SODDING  | SY   | 518.00                    | \$11.00    | \$5,698.00     | 518.00            | \$5,698.00     | \$0.00     |

| CO           | LINE ITEM | DESCRIPTION   | UNIT | CURRENT CONTRACT QUANTITY | UNIT PRICE | EXTENDED PRICE        | ADJUSTED QUANTITY | ADJUSTED PRICE        | NET CHANGE            |
|--------------|-----------|---|------|---------------------------|------------|-----------------------|-------------------|-----------------------|-----------------------|
|              | 119       | TOPSOIL, PLACE 5" THICK<br>(INCLUDING 1" INCORPORATED<br>3/8" SCREEN COMPOST) | CY   | 72.00                     | \$35.00    | \$2,520.00            | 72.00             | \$2,520.00            | \$0.00                |
| <b>TOTAL</b> |           |   |      |                           |            | <b>\$2,223,079.01</b> |                   | <b>\$2,079,318.85</b> | <b>(\$143,760.16)</b> |

|                                    |                |                                 |                |
|------------------------------------|----------------|---------------------------------|----------------|
| C.C.O. HISTORY INCREASE/(DECREASE) |                | PRIOR ADJUSTED CONTRACT PRICE : | \$2,223,079.01 |
| CCO #1                             | (\$143,760.16) | NET INCREASE/(DECREASE):        | (\$143,760.16) |
|                                    | \$0.00         | ADJUSTED CONTRACT PRICE:        | \$2,079,318.85 |
|                                    | \$0.00         | CHANGE TO DATE:                 | (\$143,760.16) |

*[Signature]* \_\_\_\_\_ DATE 6/24/15

CONTRACTOR: RCS CONSTRUCTION, PO BOX 9337, RAPID CITY SD 57709

*[Signature]* \_\_\_\_\_ DATE 6/18/15

CONSULTANT: BARTLETT & WEST

*[Signature]* \_\_\_\_\_ DATE 06/22/15

PROJECT MANAGER: MORGAN GAGLIANO, P.E.

*[Signature]* \_\_\_\_\_ DATE 6-19-15

CITY ENGINEER: DALE TECH, P.E. / L.S.

\_\_\_\_\_  
MAYOR: STEVE ALLENDER \_\_\_\_\_ DATE

\_\_\_\_\_  
FINANCE: PAULINE SUMPTION \_\_\_\_\_ DATE

CONTRACT TIME CHANGE +/- : +      NEW CONTRACT TIME: Milestone 1: April 28, 2016; Milestone 2: July 28, 2016

City Staff recommends approval of this Change Order #1 to RCS Construction for a decrease of \$143,760.16 based on unit pricing with the following appropriation:

|                  |  |                |  |                |                |
|------------------|--|----------------|--|----------------|----------------|
| Initial Funding  |  | \$2,223,079.01 |  |                | \$2,223,079.01 |
| Fund Type        |  | Water          |  |                |                |
| Department       |  | 0933           |  |                |                |
| Line Item        |  | 4381           |  |                |                |
| Fund             |  | 0602           |  |                |                |
| CCO #1           |  | (\$143,760.16) |  |                | (\$143,760.16) |
|                  |  |                |  |                | \$0.00         |
|                  |  |                |  |                | \$0.00         |
| Adjusted Funding |  | \$2,079,318.85 |  | \$2,079,318.85 | \$2,079,318.85 |



**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1**  
**North Rapid Booster Station Reconstruction**  
**PROJECT NO. 13-2080 / CIP NO. 50812.A**  
**JUNE 17, 2015**  
**ORIGINAL CONTRACT AMOUNT: \$2,223,079.01**  
**CONTRACTOR: R.C.S. CONSTRUCTION, INC.**

| LINE<br>ITEM | DESCRIPTION  | REASON FOR CHANGE   |
|--------------|--|---|
|              | SUMMARY OF CHANGE ORDER 1                          | THE CITY ISSUED 19 REQUEST FOR PROPOSALS TO THE CONTRACTOR IN AN EFFORT TO REDUCE THE COST OF THE SUBJECT PROJECT, WHILE AT THE SAME TIME RETAINING THE INTEGRITY AND FUNCTIONALITY OF THE SUBJECT PROJECT. OF THE RFP INFORMATION RECEIVED TO DATE FROM THE CONTRACTOR, STAFF RECOMMENDS THAT THE FOLLOWING RFP ITEMS ARE ACCEPTED: 001R, 003R, 004R, 005, 006, 007, 008R, 009R, 010R, 011R, 012R, 013R, 014R, 015BR, 016R, 017R, AND 018R. CORRESPONDING RFPs ARE NOTED IN REASON FOR CHANGE  |
| 9A           | CONCRETE UNIT MASONRY                              | CHANGE: (RFP #007) REMOVE PIGMENTED MORTAR AND COLORED CEMENT MASONRY UNITS FROM CONTRACT AND REPLACE WITH STANDARD GRAY CMU BLOCKS.<br><br>REASON FOR CHANGE: THE PIGMENTED MORTAR AND COLORED CEMENT MASONRY BLOCKS WOULD ONLY BE EXPOSED ON THE INTERIOR OF THE BOOSTER PUMP STATION, AND STAFF DOES NOT BELIEVE IT PROVIDES A SUFFICIENT ENOUGH BENEFIT FOR THE ADDED COST.   |
| 26A          | CONDUIT & UNDERGROUND DUCTS, INCLUDING ENCASEMENTS | CHANGE: (RFP #17R) ELIMINATE PULL VAULT (MEP100) FROM CONTRACT DOCUMENTS AND CONTRACTOR SHALL UTILIZE EXISTING BLACK HILLS POWER PULL VAULT, OR CUT IN CONDUIT SWEEP, AS DETERMINED BY BLACK HILLS POWER.<br><br>REASON FOR CHANGE: THE BLACK HILL POWER PULL VAULT WAS NOT KNOW ABOUT DURING DESIGN. THEREFORE, THE PULL VAULT IS NOT REQUIRED   |
| 27A          | BOXES, DISTRIBUTION PANELS, & SWITCHES             | CHANGE: (RFP #011R) ALLOW USE OF NEMA 1 ENCLOSURES FOR BOXES AND DISTRIBUTION PANELS.<br><br>REASON FOR CHANGE: NEMA 1 ENCLOSURE IS ACCEPTABLE BECAUSE THE BOOSTER PUMP STATION IS AN ENVIRONMENTALLY CONTROLLED FACILITY WITH MINIMAL DUST GENERATION.<br><br>CHANGE: (RFP #15 B R) REMOVE REQUIREMENT FOR SOLID STATE ELECTRICAL METERING AS SPECIFIED TO A LESS EXPENSIVE DEVICE THAT PROVIDES SIMILAR INFORMATION.<br><br>REASON FOR CHANGE: THE ALTERNATIVE PROVIDES ALL OF INFORMATION REQUIRED IN THE TECHNICAL SPECIFICATION, BUT DOES NOT INCLUDE SOME ADDITIONAL FEATURES THAT WOULD COME WITH THE ORIGINAL DEVICE, BUT ARE NOT REQUIRED IN THIS APPLICATION.<br><br>CHANGE: (RFP # 016R) ADD SHUNT TRIP BREAKER IN THE EDP PANEL INPREPARATION OF A FUTURE GENERATOR.<br><br>REASON FOR CHANGE: IF A GENERATOR IS INSTALLED LATER, TO ADD THIS AT THAT TIME WOULD BE SIGNIFICANTLY MORE EXPENSIVE. |

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|-----|---|--|
| 28A | VARIABLE-FREQUENCY MOTOR CONTROLLERS  | <p>CHANGE: (RFP #011R) ALLOW USE OF NEMA 1 ENCLOSURES WITH FILTERS FOR VFDS AND PANELS. AUTHORIZES DELETION OF THE AIR CONDITIONING UNIT INTERNAL TO EACH VFD.</p> <p>REASON FOR CHANGE: NEMA 1 ENCLOSURE IS ACCEPTABLE BECAUSE THE BOOSTER PUMP STATION IS AN ENVIRONMENTALLY CONTROLLED FACILITY WITH MINIMAL DUST GENERATION. A/C UNITS IN THE DRIVE ARE REMOVED BECAUSE THEY WERE NOT SPECIFIED.</p> <p>CHANGE: (RFP #012R) DELETE AUTO BYPASS FEATURE INCLUDED IN VFD SUPPLIER'S PACKAGE</p> <p>REASON FOR CHANGE: THIS FEATURE WAS INCLUDED BY THE DRIVE SUPPLIER BUT WAS NOT SPECIFIED AND IS NOT REQUIRED.</p>   |
| 29A | LIGHTING  | <p>CHANGE: (RFP #13R) REPLACE 12 MAIN LED FIXTURES (WILLIAMS EGL2-4-L107/835 HIAFR DRV 120) WITH 12 T8 FLUORESCENT FIXTURES (WILLIAMS EGL-4-432-HIA-EB2/2-120 4 LAMP T8 FIXTURE)</p> <p>REASON FOR CHANGE: BASED ON THE ANTICIPATED USE OF THE FACILITY T8 FLUORESCENT FIXTURES WILL LAST A VERY LONG TIME AND WILL BE VERY ENERGY EFFICIENT AND ARE LESS COST.</p> <p>CHANGE: (RFP #014R) REMOVE SPARE PARTS FOR INTERIOR LED LIGHTING FROM THE CONTRACT, ALSO PROVIDE PROPOSAL TO ELIMINATE SPARE PARTS FROM REMAINING LED LIGHTS IF RFP 013 IS ACCEPTED.</p> <p>REASON FOR CHANGE: LED FIXTURES ARE ESSENTIALLY A LIFETIME FIXTURE BASED ON THE BULB LIFE. A MANUFACTURING DEFECT WILL OCCUR WITHIN THE WARRANTY PERIOD. IF NO ISSUES DURING WARRANTY PERIOD, FIXTURE &amp; BULBS SHOULD LAST A VERY LONG TIME.</p> |
| 31A | BUILDING: EXCAVATION, BACKFILLING, & COMPACTING                               | <p>CHANGE: (RFP #018R) ELIMINATE TERMITE CONTROL REQUIREMENTS FROM THE CONTRACT DOCUMENTS</p> <p>REASON FOR CHANGE: TERMITES ARE NOT A CONCERN FOR THIS BUILDING CONSTRUCTION.</p>   |
| 34A | FENCES & GATES  | <p>CHANGE: (#005) REMOVE FOUR RAIL, METALLIC, E-COATED PICKET FENCE FROM THE CONTRACT AND REPLACE WITH BLACK VC/VINYL COATED CHAIN LINK FENCE</p> <p>REASON FOR CHANGE: CHANGING TO BLACK VINYL COATED CHAIN-LINK WILL STILL RESULT IN AN APPEALING LOOK, BUT WITH SIGNIFICANT COST SAVINGS</p>  |
| 39A | 16" (DR 14) SITE PIPING, DRAIN PIPING, TRENCHING, BACKFILL, VALVES, & APPURT. | <p>CHANGE: (RFP #004R) REMOVE BURIED PERIMETER ROOF DRAIN COMPONENTS AND REPLACE WITH CIP CONCRETE SPLASH BLOCKS AT THREE OF THE FOUR LOCATIONS. FOURTH LOCATION TO UTILIZE BURIED PIPE TO DAYLIGHT.</p> <p>REASON FOR CHANGE: THE REVISED OPTION ACCOMPLISHES THE SAME GOAL OF DIRECTING WATER AWAY FROM THE FOUNDATION BUT IN A LESS EXPENSIVE METHOD.</p>   |

|     |  |   |
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| 43A | PROCESS ABOVE/BELOW GROUND PIPING, VALVES, & APPURTENANCES | <p>CHANGE:(RFP #001 R) REMOVE PETROLATUM FIELD TAPE FOR BURIED D.I.PIPE &amp; FITTINGS FROM THE CONTRACT</p> <p>REASON FOR CHANGE: MULTIPLE LEVELS OF CATHODIC PROTECTION WERE SPECIFIED WITH THIS PROJECT IN ACCORDANCE WITH THE CITY'S CP MANUAL INCLUDING WAX TAPE, ANODES, POLY BAG, AND CONCRETE ENCASEMENT. THE WAX TAPE IS A LABOR INTENSIVE PRODUCT AND THERE IS CONFIDENCE THAT THE REMAINING ITEMS WILL PROTECT THE PIPELINE FOR THE DESIGN LIFE.</p> <p>CHANGE: (RFP #003R) REMOVE 10"x5" ECCENTRIC REDUCERS FROM PUMP DISCHARGE &amp; REPLACE WITH ECCENTRIC REDUCERS AS REQUIRED TO MATE TO PUMP DISCHARGE. ALSO INCLUDES ANY MODIFICATIONS REQUIRED TO THE CHANGE IN PIPE CENTERLINE.</p> <p>REASON FOR CHANGE: 10"x5" ECCENTRIC REDUCERS ARE NOT A STANDARD DI FITTING AND WERE LIKELY QUOTED AS CARBON/STAINLESS STEEL BUT WERE SHOWN BASED ON THE PUMP DESIGNED AROUND. MECHANICAL CONTRACTOR WORKED WITH PUMP SUPPLIER TO PROVIDE A 6" FLANGE ON PUMP DISCHARGE ALLOWING USE OF 10"x6" ECCENTRIC REDUCER. THIS CHANGE WILL NOT AFFECT PUMP DESIGN NOR ALTER CENTERLINE ELEVATIONS.</p>  |
| 47A | BRIDGE CRANE   | <p>CHANGE: (RFP #006) REMOVE ELECTRICALLY OPERATED HOIST, TROLLEY, AND BRIDGE FROM THE CONTRACT AND REPLACE WITH MANUAL HOIST, TROLLEY, AND BRIDGE.</p> <p>REASON FOR CHANGE:THE ORIGINAL DESIGN INCLUDED ELECTRICALLY OPERATED BRIDGE CRANE SYSTEM. SINCE THE CRANE WILL BE USED INFREQUENTLY, A MANUALLY OPERATED SYSTEM CAN BE UTILIZED AND MAINTAIN THE SAME FUNCTIONALITY.</p>   |
| 48A | SPLIT CASE CENTRIFUGAL PUMPS                               | <p>CHANGE: (RFP #008R) ELIMINATE INDEPENDENT 3RD PARTY VIBRATION TESTING ON SPLIT CASE PUMPS FROM THE CONTRACT AND REPLACE WITH TESTING BY PUMP SUPPLIER/MANUFACTURER.</p> <p>REASON FOR CHANGE:B&amp;W RECOMMENDS THIS RFP SINCE REMOVING THE 3RD PARTY TESTING DOES NOT ALLEVIATE THE CONTRACTOR FROM PREFORMING THE TESTING NOR DOES IT ALLOW FOR A FINISHED PRODUCT WITH EXCESSIVE VIBRATION. EXCESSIVE VIBRATION WILL STILL BE CAUSE FOR REJECTION OF THE EQUIPMENT.</p> <p>CHANGE: (RFP #009R) ALLOW MANUFACTURER'S STANDARD COATING SYSTEM TO BE INSTALLED AT PLACE OF MANUFACTURE WITH TOUCHUP TO REPAIR FIELD SCRATCHES OR BLEMISHES IN THE FIELD.</p> <p>REASON FOR CHANGE:STAFF BELIEVES THAT THE MANUFACTURER WILL BE ABLE TO PROVIDE A COATING SYSTEM IN A ENVIRONMENTALLY CONTROLLED FACTORY THAT WILL BE MORE THAN ACCEPTABLE IN AN ENVIRONMENTALLY CONTROLLED PUMP STATION. IT IS VERY LIKELY THAT FINAL COLOR OF THE PUMPS WILL NOT MATCH THE ADJACENT PIPING.</p> <p>CHANGE: (RFP #010R) ALLOW GENERAL ELECTRIC (GE) MOTORS IN LIEU OF PROPOSED US MOTORS.</p> <p>REASON FOR CHANGE:STAFF RECOMMENDS SINCE GE MOTORS WERE LISTED IN THE SPECIFICATION AS AN ACCEPTABLE MANUFACTURER. COST SAVINGS IS A RESULT OF THE MOTORS HAVING A STANDARD 5 YEAR WARRANTY, AND THUS COST CAN BE REDUCED BY SWITCHING MOTOR MANUFACTURES FROM THE MOTOR INCLUDED AT THE TIME OF BID WHERE EXTRA COST WAS INCLUDED FOR THE SPECIAL 5 YEAR WARRANTY.</p> |
|     | NO COST CHANGE   | <p>TIME EXTENSION REQUEST: THE CONTRACTOR SUBMITTED A TIME EXTENSION REQUEST RELATED TO THE 19 RFPS. THE REASON FOR THE REQUEST WAS STRUCTURAL STEEL AND REBAR WERE HELD UP UNTIL A DECISION ON THE BRIDGE CRANE ALTERNATIVE WAS MADE (RFP #006)</p>  |

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|--|----------------|--|
|  | NO COST CHANGE | SUPERINTENDENT CHANGE: THE CONTRACTOR REQUESTED TO UTILIZE AN ALTERNATE SUPERINTENDENT ON THE PROJECT. THE PROPOSED SUPERINTENDENT MEETS THE QUALIFICATION REQUIREMENTS IN THE CONTRACT. |
|--|----------------|--|

PREPARED BY: MORGAN GAGLIANO, P.E. AND BRIAN HOELLEIN, P.E., BARTLETT & WEST

DATE: JUNE 17, 2015



June 17, 2015

Morgan Gagliano  
City of Rapid City  
Public Works Department  
300 6<sup>th</sup> St.  
Rapid City, SD 57701

RE: North Rapid Booster Pump Station Reconstruction  
Project Number 13-2080/ CIP 50812.A  
Change Order 1 – Recommendation

Dear Morgan:

Over the past couple of weeks various items have been pursued that will result in a change order for the subject project. Following is a summary, and our recommendation on each.

Request For Proposals

The City issued 19 Request for Proposals to the Contractor in an effort to reduce the cost of the subject project, while at the same time retaining the integrity and functionality of the subject project.

Of the RFP information received to date from the Contractor, Bartlett & West recommends that the following RFP items are accepted: 001R, 003R, 004R, 005, 006, 007, 008R, 009R, 010R, 011R, 012R, 013R, 014R, 015B R, 016R, 017R, and 018R. The total change amount is a reduction of (\$143,760.16).

Time Extension Request

The Contractor submitted a time extension request related to the 19 RFPs. The reason for the request was structural steel and rebar were held up until a decision on the bridge crane alternative was made, since their contract with their supplier could not be finalized until a decision was made. Upon review of their request and consideration of the impact in relation to the work required to assemble the responses to the RFPs, Bartlett & West recommends the City consider granting the requested time extension.

Superintendent Change

The Contractor requested to utilize an alternate superintendent on the project. The proposed superintendent's primary focus with the Contractor has been on commercial type projects. Many of those projects involved multiple trades, and were likely highly automated in terms of HVAC and electrical. He does have water/wastewater experience when working for a prior employer and within the 20 year window allowed by Addendum 3.

The portion of the project being competed by Contractor directly is certainly within his area of expertise including the concrete foundation and building construction. The other critical components such as the process piping, pumps, HVAC, and electrical are being completed by well qualified subcontractors. The Contractor superintendent will be critical in coordination among the various subs, and we believe the proposed superintendent's brings significant experience in that regard. Bartlett & West recommends acceptance of the request to change superintendents.

Contact me with any questions that you may have.

Bartlett & West

*Brian J. Hoellein*

Brian L. Hoellein, P.E.

|  |               |                |
|--|---------------|----------------|
| <b>FUNDING TYPE</b>  | <b>Water</b>  |                |
| <b>COST CENTER</b>   | <b>0933</b>   |                |
| <b>LINE ITEM</b>   | <b>4381</b>   |                |
| <b>FUND</b>  | <b>0602</b>   |                |
| <b>DESCRIPTION OF ITEM</b>   | <b>AMOUNT</b> | <b>PERCENT</b> |
| BID SCHEDULE 1   | 0.00          | 100%           |
| DIVISION 01 - GENERAL REQUIREMENTS   | 0.00          | 100%           |
| MOBILIZATION, BONDS, INSURANCE, PERMITS, INCIDENTAL WORK                       | 0.00          | 100%           |
| SUBMITTALS, TEMP. FACILITIES & CONTROLS, CONST STAKING, RE-ESTAB. PROP CORNERS | 0.00          | 100%           |
| TRAFFIC CONTROL  | 0.00          | 100%           |
| EROSION & SEDIMENT CONTROL   | 0.00          | 100%           |
| START-UP, OPERATION & MAINTENANCE DATA, TRAINING, CLOSEOUT                     | 0.00          | 100%           |
| DIVISION 02 - EXISTING CONDITIONS  | 0.00          | 100%           |
| SITE DEMOLITION, CLEARING, & REMOVALS  | 0.00          | 100%           |
| DIVISION 03 - CONCRETE   | 0.00          | 100%           |
| CAST-IN-PLACE BUILDING CONCRETE & REINFORCEMENT                                | 0.00          | 100%           |
| DIVISION 04 - MASONRY  | 0.00          | 100%           |
| BRICK MASONRY - EXTERIOR VENEER  | 0.00          | 100%           |
| CONCRETE UNIT MASONRY  | -36,000.00    | 100%           |
| CONCRETE UNIT MASONRY  | 29,040.80     | 100%           |
| DIVISION 05 - METALS   | 0.00          | 100%           |
| STRUCTURAL STEEL FRAMING   | 0.00          | 100%           |
| DIVISION 06 - WOOD, PLASTICS & COMPOSITES                                      | 0.00          | 100%           |
| ROUGH & FINISH CARPENTRY   | 0.00          | 100%           |
| WOOD ROOF TRUSSES & SHEATHING  | 0.00          | 100%           |
| DIVISION 07 - THERMAL AND MOISTURE PROTECTION                                  | 0.00          | 100%           |
| INSULATION   | 0.00          | 100%           |
| SHINGLE ROOFING SYSTEM   | 0.00          | 100%           |
| SHEET METAL FLASHING, GUTTERS, & DOWNSPOUTS                                    | 0.00          | 100%           |

|   |             |      |
|---|-------------|------|
| ARCHITECTURAL CAULKING & SEALANTS                       | 0.00        | 100% |
| DIVISION 08 - OPENINGS                                  | 0.00        | 100% |
| DOORS, FRAMES, & HARDWARE                               | 0.00        | 100% |
| WINDOWS   | 0.00        | 100% |
| DIVISION 09 - FINISHES & DIVISION 10 - SPECIALTIES      | 0.00        | 100% |
| PAINTING & COATING                                      | 0.00        | 100% |
| GYPSUM BOARD & SPECIALTIES                              | 0.00        | 100% |
| DIVISION 22 - PLUMBING                                  | 0.00        | 100% |
| PLUMBING  | 0.00        | 100% |
| PLUMBING FIXTURES & DOMESTIC WATER HEATERS              | 0.00        | 100% |
| DIVISION 23 - HEATING, VENTILATING AND AIR-CONDITIONING | 0.00        | 100% |
| HVAC EQUIPMENT, DUCTS, PIPING, & SUPPORTS               | 0.00        | 100% |
| DIVISION 26 - ELECTRICAL                                | 0.00        | 100% |
| ELECTRICAL HANGERS & SUPPORTS                           | 0.00        | 100% |
| WIRING & WIRING DEVICES                                 | 0.00        | 100% |
| CONDUIT & UNDERGROUND DUCTS, INCLUDING ENCASEMENTS      | -64,000.00  | 100% |
|   | 59,734.69   | 100% |
| BOXES, DISTRIBUTION PANELS, & SWITCHES                  | -57,000.00  | 100% |
|   | 54,352.95   | 100% |
| VARIABLE-FREQUENCY MOTOR CONTROLLERS                    | -170,000.00 | 100% |
|   | 136,676.98  | 100% |
| LIGHTING  | -11,000.00  | 100% |
|   | 6,899.68    | 100% |
| DIVISION 31 - EARTHWORK                                 | 0.00        | 100% |
| SITE: EXCAVATION, BACKFILLING, & COMPACTING             | 0.00        | 100% |
| BUILDING: EXCAVATION, BACKFILLING, & COMPACTING         | -13,000.00  | 100% |
|   | 11,137.97   | 100% |
| DIVISION 32 - EXTERIOR IMPROVEMENTS                     | 0.00        | 100% |
| ASPHALT PAVING  | 0.00        | 100% |
| CONCRETE CURB, GUTTERS, & SIDEWALK                      | 0.00        | 100% |
| FENCES & GATES  | -51,000.00  | 100% |
|   | 25,531.59   | 100% |

|   |             |      |
|---|-------------|------|
| SODDING   | 0.00        | 100% |
| LANDSCAPING   | 0.00        | 100% |
| IRRIGATION SYSTEMS  | 0.00        | 100% |
| PARKING LOT PAINTING &<br>BUMPER BLOCKS   | 0.00        | 100% |
| DIVISION 33 - UTILITIES   | 0.00        | 100% |
| 16" (DR 14) SITE PIPING, DRAIN<br>PIPING, TRENCHING, BACKFILL,<br>VALVES, & APPURT. -       | -82,000.00  | 100% |
|   | 75,755.69   | 100% |
| WATER METERS  | 0.00        | 100% |
| PRESSURE TESTING AND<br>DISINFECTION OF PIPING  | 0.00        | 100% |
| SANITARY SEWER PIPING &<br>APPURTENANCES, INCLUDING<br>ENCASEMENTS                          | 0.00        | 100% |
| DIVISION 40 - PROCESS<br>INTEGRATION  | 0.00        | 100% |
| PROCESS ABOVE/BELOW<br>GROUND PIPING, VALVES, &<br>APPURTENANCES                            | -314,000.00 | 100% |
|   | 291,865.27  | 100% |
| SURGE CONTROL VALVES  | 0.00        | 100% |
| I&C EQUIP. & HARDWARE<br>PURCHASED FROM ICS BY<br>CONTRACTOR                                | 0.00        | 100% |
| I&C EQUIP. & HARDWARE<br>INSTALLED BY CONTR.,<br>CONTROLS WIRE & CONDUIT                    | 0.00        | 100% |
| DIVISION 41 - MATERIAL<br>PROCESSING AND HANDLING<br>EQUIPMENT                              | 0.00        | 100% |
| BRIDGE CRANE  | -43,000.00  | 100% |
|   | 20,274.86   | 100% |
| DIVISION 43 - PROCESS GAS<br>AND LIQUID HANDLING,<br>PURIFICATION, AND STORAGE<br>EQUIPMENT | 0.00        | 100% |
| PUMPS   | -210,000.00 | 100% |
|   | 195,969.36  | 100% |
| SUBTOTAL  | 0.00        | 100% |
| BID ADJUSTMENT ITEM(1):<br>ADD     DEDUCT     (Circle one)                                  | 0.00        | 100% |
|   |             |      |
| MOBILIZATION  | 0.00        | 100% |
| INCIDENTAL WORK   | 0.00        | 100% |
| CONSTRUCTION STAKING  | 0.00        | 100% |



|   |      |      |
|---|------|------|
| TRAFFIC CONTROL   | 0.00 | 100% |
| SEDIMENT CONTROL WATTLE<br>(SCW), 9" DIAMETER                           | 0.00 | 100% |
| REMOVE SEDIMENT CONTROL<br>WATTLE                                       | 0.00 | 100% |
| TEMPORARY GRAVEL<br>SURFACING, 1" BASE COURSE                           | 0.00 | 100% |
| UNCLASSIFIED EXCAVATION -<br>DIGOUTS WITH TYPE 4<br>FOUNDATION MATERIAL | 0.00 | 100% |
| IMPORTED BACKFILL MATERIAL<br>(TRENCH)                                  | 0.00 | 100% |
| IMPORTED BACKFILL MATERIAL<br>(GRADING)                                 | 0.00 | 100% |
| TYPE I BEDDING  | 0.00 | 100% |
| TYPE II FOUNDATION MATERIAL   | 0.00 | 100% |
| TYPE III FOUNDATION MATERIAL  | 0.00 | 100% |
| TYPE IV FOUNDATION MATERIAL   | 0.00 | 100% |
| CONTROLLED LOW STRENGTH<br>BACKFILL MATERIAL TRENCH                     | 0.00 | 100% |
| AASHTO T-180 SOIL TEST  | 0.00 | 100% |
| CLEARING AND GRUBBING,<br>STUMP   | 0.00 | 100% |
| CLEARING AND GRUBBING   | 0.00 | 100% |
| DEMO VARIABLE HEIGHT<br>RETAINING WALL                                  | 0.00 | 100% |
| REMOVE ACC PAVEMENT,<br>INCLUDING SAWCUTTING                            | 0.00 | 100% |
| REMOVE PCC PANELS,<br>INCLUDING SAWCUTTING                              | 0.00 | 100% |
| REMOVE PCC SIDEWALK,<br>INCLUDING SAWCUTTING                            | 0.00 | 100% |
| REMOVE PCC FILLET,<br>INCLUDING SAWCUTTING                              | 0.00 | 100% |
| REMOVE TYPE B66 CURB AND<br>GUTTER, INCLUDING<br>SAWCUTTING             | 0.00 | 100% |
| STATION SHED, CONCRETE<br>BASE AND APPURTANCES,<br>BACKFILL             | 0.00 | 100% |
| REMOVE FIRE HYDRANT AUX.<br>VALVE AND LEAD                              | 0.00 | 100% |
| REMOVE WATER VALVE AND<br>BOX, 20"                                      | 0.00 | 100% |
| REMOVE WATER VALVE AND<br>BOX, 16"                                      | 0.00 | 100% |
| REMOVE WATER VALVE AND<br>BOX, 8"                                       | 0.00 | 100% |
| REMOVE WATER VALVE AND<br>BOX, 6"                                       | 0.00 | 100% |

|   |      |      |
|---|------|------|
| MAIN IN-PLACE, GROUT ANNULUS WITH 500 PSI FLOWABLE FILL   | 0.00 | 100% |
| CONNECT TO EXISTING WATER MAIN                            | 0.00 | 100% |
| 6" PVC WATER MAIN, AWWA C-900, (DR 18)                    | 0.00 | 100% |
| 8" PVC WATER MAIN, AWWA C-900, (DR 18)                    | 0.00 | 100% |
| 12" PVC WATER MAIN, AWWA C-900, (DR 18), RESTRAINED JOINT | 0.00 | 100% |
| 16" PVC WATER MAIN, AWWA C-900, (DR 18)                   | 0.00 | 100% |
| 20" DIP CASING END SEAL                                   | 0.00 | 100% |
| 20" DIP CASING SPACERS                                    | 0.00 | 100% |
| 60-LB ZINC GALVANIC ANODE AT CASING                       | 0.00 | 100% |
| AIR BLOWN SAND IN 20" DIP CASING                          | 0.00 | 100% |
| 12" GATE VALVE WITH BOX                                   | 0.00 | 100% |
| 8" GATE VALVE WITH BOX                                    | 0.00 | 100% |
| 16" 90 DEGREE BEND  | 0.00 | 100% |
| 12" 45 DEGREE BEND  | 0.00 | 100% |
| 12" 11.25 DEGREE BEND                                     | 0.00 | 100% |
| COUPLING  | 0.00 | 100% |
| 8" 45 DEGREE BEND   | 0.00 | 100% |
| 20" X 16" REDUCER   | 0.00 | 100% |
| 16" X 12" REDUCER   | 0.00 | 100% |
| 12" X 8" REDUCER  | 0.00 | 100% |
| 8" X 6" REDUCER   | 0.00 | 100% |
| 6" M.J. PLUG  | 0.00 | 100% |
| 12" X 8" X 12" TEE  | 0.00 | 100% |
| 12" X 6" X 12" TEE  | 0.00 | 100% |
| FIRE HYDRANT WITH AUX. VALVE, BOX AND LEAD                | 0.00 | 100% |
| CORROSION PROTECTION TEST STATION                         | 0.00 | 100% |
| TRACER WIRE BOX   | 0.00 | 100% |
| INSULATE WATER MAIN PER RAPID CITY STD. DETAIL 11-1       | 0.00 | 100% |
| ACC PAVING MOBILIZATION                                   | 0.00 | 100% |
| ASPHALT CONCRETE, GLASS G, TYPE 1, PG64-28                | 0.00 | 100% |
| AGGREGATE BASE COURSE, 1"                                 | 0.00 | 100% |
| TYPE B66 CURB AND GUTTER                                  | 0.00 | 100% |
| NONREINFORCED   | 0.00 | 100% |
| PCC SIDEWALK, 4" NONREINFORCED                            | 0.00 | 100% |
| PCC PAVEMENT, 8" NONREINFORCED, W/ DOWELS AND TIE BARS    | 0.00 | 100% |

|   |                |      |
|---|----------------|------|
| DETECTABLE WARNING PANEL  | 0.00           | 0%   |
| 6" DIAMETER PIPE UNDERDRAIN<br>(DETAIL 64-1)                                  | 0.00           | 0%   |
| CONNECT TO EXISTING EDGE<br>DRAIN   | 0.00           | 0%   |
| SODDING   | 0.00           | 100% |
| TOPSOIL, PLACE 5" THICK<br>(INCLUDING 1" INCORPORATED<br>3/8" SCREEN COMPOST) | 0.00           | 100% |
|   | (\$143,760.16) |      |