

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F
SIXTH STREET MEMORIAL PARK WATER TRANSMISSION MAIN RECONSTRUCTION
PROJECT NO. W04-1423
JULY 7, 2006
ORIGINAL CONTRACT AMOUNT: \$577,699.50
CONTRACTOR: Hills Materials Company

PW080106-09

| LINE ITEM | DESCRIPTION | UNIT | CURRENT CONTRACT QUANTITY | UNIT PRICE | EXTENDED PRICE | ADJUSTED QUANTITY | ADJUSTED PRICE | NET CHANGE |
|--------------|---|------|---------------------------------|---------------|-------------------|----------------------|-------------------|--------------|
| 1 | MOBILIZATION | LS | 1.00 | \$10,000.00 | \$10,000.00 | 1.00 | \$10,000.00 | \$0.00 |
| 2 | INCIDENTAL WORK, WATER LINE | LS | 1.00 | \$26,500.00 | \$26,500.00 | 1.00 | \$26,500.00 | \$0.00 |
| 3 | CLEARING & GRUBBING, 6" +TREE | EA | 2.00 | \$350.00 | \$700.00 | 3.00 | \$1,050.00 | \$350.00 |
| 4 | 6" PVC WATER MAIN | LF | 124.00 | \$27.00 | \$3,348.00 | 125.00 | \$3,375.00 | \$27.00 |
| 5 | 8" PVC RESTRAINED JOINT WATER MAIN | LF | 263.00 | \$43.00 | \$11,309.00 | 283.00 | \$12,169.00 | \$860.00 |
| 6 | 24" STEEL WATER MAIN | LF | 1,354.00 | \$160.00 | \$216,640.00 | 1,354.00 | \$216,640.00 | \$0.00 |
| 7 | 24" STEEL WATER MAIN, CREEK CROSSING | LF | 168.00 | \$225.00 | \$37,800.00 | 168.00 | \$37,800.00 | \$0.00 |
| 8 | 8" STANDARD COUPLING | EA | 1.00 | \$660.00 | \$660.00 | 1.00 | \$660.00 | \$0.00 |
| 9 | 12" STANDARD COUPLING | EA | 2.00 | \$750.00 | \$1,500.00 | 0.00 | \$0.00 | (\$1,500.00) |
| 10 | 8" X 8" X 8" TEE | EA | 1.00 | \$625.00 | \$625.00 | 1.00 | \$625.00 | \$0.00 |
| 11 | 12" X 12" X 8" TEE | EA | 1.00 | \$950.00 | \$950.00 | 1.00 | \$950.00 | \$0.00 |
| 12 | 6" 11.25 DEGREE BEND | EA | 1.00 | \$325.00 | \$325.00 | 1.00 | \$325.00 | \$0.00 |
| 13 | 24" X 24" X 6" STEEL TEE | EA | 1.00 | \$1,650.00 | \$1,650.00 | 1.00 | \$1,650.00 | \$0.00 |
| 14 | 24" X 24" X 24" STEEL TEE | EA | 1.00 | \$6,600.00 | \$6,600.00 | 1.00 | \$6,600.00 | \$0.00 |
| 15 | 24" X 24" X 12" STEEL CROSS | EA | 1.00 | \$3,500.00 | \$3,500.00 | 1.00 | \$3,500.00 | \$0.00 |
| 16 | 8" 11.25 DEGREE BEND | EA | 2.00 | \$425.00 | \$850.00 | 2.00 | \$850.00 | \$0.00 |
| 17 | 8" 22.5 DEGREE BEND | EA | 1.00 | \$425.00 | \$425.00 | 1.00 | \$425.00 | \$0.00 |
| 18 | 8" 90 DEGREE BEND | EA | 1.00 | \$425.00 | \$425.00 | 1.00 | \$425.00 | \$0.00 |
| 19 | 12" 45 DEGREE BEND | EA | 4.00 | \$525.00 | \$2,100.00 | 4.00 | \$2,100.00 | \$0.00 |
| 20 | 24" STEEL BEND | EA | 15.00 | \$4,850.00 | \$72,750.00 | 15.00 | \$72,750.00 | \$0.00 |
| 21 | 12" MJ PLUG | EA | 1.00 | \$200.00 | \$200.00 | 1.00 | \$200.00 | \$0.00 |
| 22 | 6" GATE VALVE W/ BOX | EA | 1.00 | \$800.00 | \$800.00 | 1.00 | \$800.00 | \$0.00 |
| 23 | 12" GATE VALVE & BOX | EA | 3.00 | \$1,850.00 | \$5,550.00 | 3.00 | \$5,550.00 | \$0.00 |
| 24 | 24" BUTTERFLY VALVE & BOX | EA | 3.00 | \$5,850.00 | \$17,550.00 | 3.00 | \$17,550.00 | \$0.00 |
| 25 | 12" WATER MAIN LOWERING | EA | 1.00 | \$3,700.00 | \$3,700.00 | 1.00 | \$3,700.00 | \$0.00 |
| 26 | ABANDON VALVE | EA | 2.00 | \$60.00 | \$120.00 | 2.00 | \$120.00 | \$0.00 |
| 27 | CONNECT TO EXISTING WATER MAIN | EA | 4.00 | \$600.00 | \$2,400.00 | 6.00 | \$3,600.00 | \$1,200.00 |
| 28 | CONNECT 24" STEEL TO 24" CI PIPE (NORTH) | EA | 1.00 | \$13,500.00 | \$13,500.00 | 1.00 | \$13,500.00 | \$0.00 |
| 29 | CONNECT 24" STEEL TO 30"X24" RED. (SOUTH) | EA | 1.00 | \$4,450.00 | \$4,450.00 | 1.00 | \$4,450.00 | \$0.00 |
| 30 | WATER MAIN ENCASEMENT | LF | 40.00 | \$40.00 | \$1,600.00 | 35.00 | \$1,400.00 | (\$200.00) |
| 31 | CORROSION CONTROL TEST STATION | EA | 9.00 | \$875.00 | \$7,875.00 | 9.00 | \$7,875.00 | \$0.00 |
| 32 | CORROSION PROTECTION | LS | 1.00 | \$15,000.00 | \$15,000.00 | 1.00 | \$15,000.00 | \$0.00 |
| 33 | EXPLORATORY EXCAVATION | EA | 4.00 | \$500.00 | \$2,000.00 | 2.00 | \$1,000.00 | (\$1,000.00) |
| 34 | TYPE 1+C18 BEDDING MATERIAL | T | 130.00 | \$14.00 | \$1,820.00 | 0.00 | \$0.00 | (\$1,820.00) |

| | | | | | | | | |
|--------------|---|-----|----------|-------------|---------------------|----------|---------------------|---------------------|
| 35 | TYPE 2 FOUNDATION MATERIAL | T | 130.00 | \$16.00 | \$2,080.00 | 330.86 | \$5,293.76 | PIW080106-09 |
| 36 | AASHTO T-180 SOIL TEST | EA | 10.00 | \$140.00 | \$1,400.00 | 1.00 | \$140.00 | (\$1,260.00) |
| 37 | TOPSOIL, STOCKPILE & REPLACE | CY | 470.00 | \$25.00 | \$11,750.00 | 470.00 | \$11,750.00 | \$0.00 |
| 38 | REMOVE & DISPOSE ASPHALT PAVEMENT | SY | 812.00 | \$4.00 | \$3,248.00 | 509.70 | \$2,038.80 | (\$1,209.20) |
| 39 | REMOVE & DISPOSE CONTAMINATED SOIL | T | 50.00 | \$70.00 | \$3,500.00 | 0.00 | \$0.00 | (\$3,500.00) |
| 40 | REMOVE & DISPOSE CONTAMINATED WATER | GAL | 200.00 | \$6.00 | \$1,200.00 | 0.00 | \$0.00 | (\$1,200.00) |
| 41 | REMOVE CONCRETE CURB AND GUTTER | LF | 87.00 | \$4.00 | \$348.00 | 118.00 | \$472.00 | \$124.00 |
| 42 | REMOVE CONCRETE DRAIN PAN | SF | 45.00 | \$1.00 | \$45.00 | 0.00 | \$0.00 | (\$45.00) |
| 43 | REMOVE CONCRETE PAVEMENT | SF | 35.00 | \$3.50 | \$122.50 | 0.00 | \$0.00 | (\$122.50) |
| 44 | REMOVE CONCRETE SIDEWALK | SF | 1,184.00 | \$0.80 | \$947.20 | 1,863.00 | \$1,490.40 | \$543.20 |
| 45 | REMOVE CONCRETE FILLET | SY | 10.00 | \$14.50 | \$145.00 | 3.91 | \$56.70 | (\$88.31) |
| 46 | REMOVE & DISPOSE OF 24" WATER MAIN | LF | 100.00 | \$16.00 | \$1,600.00 | 115.00 | \$1,840.00 | \$240.00 |
| 47 | AGGREGATE BASE COURSE | T | 250.00 | \$16.00 | \$4,000.00 | 358.49 | \$5,735.84 | \$1,735.84 |
| 48 | GRAVEL SURFACING | T | 20.00 | \$21.00 | \$420.00 | 33.20 | \$697.20 | \$277.20 |
| 49 | AC PATCHING, CLASS G, TYPE 1, 5" | SY | 812.00 | \$13.40 | \$10,880.80 | 509.70 | \$6,829.98 | (\$4,050.82) |
| 50 | PCC PAVEMENT, 6" NONREINFORCED | SY | 4.00 | \$140.00 | \$560.00 | 0.00 | \$0.00 | (\$560.00) |
| 51 | CONCRETE CURB & GUTTER | LF | 87.00 | \$26.00 | \$2,262.00 | 118.00 | \$3,068.00 | \$806.00 |
| 52 | CONCRETE DRAIN PAN, 4' | SY | 5.00 | \$105.00 | \$525.00 | 0.00 | \$0.00 | (\$525.00) |
| 53 | CONCRETE FILLET (REINFORCED) 6" | SY | 10.00 | \$90.00 | \$900.00 | 3.91 | \$351.90 | (\$548.10) |
| 54 | CONCRETE SIDEWALK, 4" | SF | 910.00 | \$4.40 | \$4,004.00 | 1,663.00 | \$7,317.20 | \$3,313.20 |
| 55 | TACK COAT | GAL | 81.00 | \$2.50 | \$202.50 | 28.00 | \$70.00 | (\$132.50) |
| 56 | EROSION CONTROL, HAY BALES | EA | 30.00 | \$19.00 | \$570.00 | 45.00 | \$855.00 | \$285.00 |
| 57 | EROSION CONTROL, SILT FENCE | LF | 475.00 | \$3.50 | \$1,662.50 | 456.00 | \$1,596.00 | (\$66.50) |
| 58 | EROSION CONTROL, HI-VEL EXCELSIOR BLANKET | SY | 140.00 | \$7.00 | \$980.00 | 0.00 | \$0.00 | (\$980.00) |
| 59 | SEEDING, FERTILIZING, MULCHING | LS | 1.00 | \$9,000.00 | \$9,000.00 | 1.00 | \$9,000.00 | \$0.00 |
| 60 | SODDING | LS | 1.00 | \$12,750.00 | \$12,750.00 | 1.00 | \$12,750.00 | \$0.00 |
| 61 | TEMPORARY FENCE | LS | 1.00 | \$2,800.00 | \$2,800.00 | 1.00 | \$2,800.00 | \$0.00 |
| 62 | PAVEMENT MARKING PAINT, 4" WHITE | LF | 500.00 | \$0.55 | \$275.00 | 556.00 | \$305.80 | \$30.80 |
| 63 | TRAFFIC CONTROL | LS | 1.00 | \$2,300.00 | \$2,300.00 | 1.00 | \$2,300.00 | \$0.00 |
| 64 | CREEK DIVERSION AND DEWATERING | LS | 1.00 | \$20,500.00 | \$20,500.00 | 1.00 | \$20,500.00 | \$0.00 |
| 65 | CLASS II RIP RAP | TON | 50.00 | \$30.00 | \$1,500.00 | 0.00 | \$0.00 | (\$1,500.00) |
| | CHANGE ORDER #1F ITEMS | | | | | | | |
| 66 | ABANDON SEWER MAIN | EA | | 345.38 | \$0.00 | 1.00 | \$345.38 | \$345.38 |
| 67 | TEE AND 8" GATE VALVE | LS | | 470.68 | \$0.00 | 1.00 | \$470.68 | \$470.68 |
| 68 | ANODE BAG | EA | | 1350.00 | \$0.00 | 1.00 | \$1,350.00 | \$1,350.00 |
| 69 | WATER MAIN | LS | | 1774.00 | \$0.00 | 1.00 | \$1,774.00 | \$1,774.00 |
| 70 | FURNISH AND INSTALL GEO-GRID | LS | | 307.46 | \$0.00 | 1.00 | \$307.46 | \$307.47 |
| 71 | PAINT HANDICAP SYMBOL | EA | | 50.00 | \$0.00 | 2.00 | \$100.00 | \$100.00 |
| TOTAL | | | | | \$577,699.50 | | \$574,745.10 | (\$2,954.40) |

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|------------------------------------|--------------|---------------------------------|--------------|
| C.C.O. HISTORY INCREASE/(DECREASE) | | PRIOR ADJUSTED CONTRACT PRICE : | \$577,699.50 |
| CCO #1 | \$0.00 | NET INCREASE/(DECREASE): | (\$2,954.40) |
| CCO #2F | (\$2,954.40) | ADJUSTED CONTRACT PRICE: | \$572,895.10 |
| CCO #3 | | CHANGE TO DATE: | (\$2,954.40) |

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| CONTRACTOR: HILLS MATERIALS COMPANY, PO Box 2320, Rapid City, SD 57709-2320 | DATE |
| PROJECT MANAGER: KEITH JOHNSON | DATE |
| MAYOR: JIM SHAW | DATE |
| FINANCE: JAMES PRESTON | DATE |
| CONTRACT TIME CHANGE +/-: 0 NEW CONTRACT TIME: Days | |

City Staff recommends approval of this Change Order #2F to Hills Materials Company for a decrease of \$2,954.40 based on unit pricing with the following appropriation:

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|------------------|--------------|--------|--------|--------|--------------|
| Initial Funding | \$577,699.50 | \$0.00 | \$0.00 | \$0.00 | \$577,699.50 |
| Fund Type | Water | | | | |
| Fund | 0602 | | | | |
| Department | 0933 | | | | |
| Line Item | 4380 | | | | |
| | | | | | |
| CCO #1 | | | | | \$0.00 |
| CCO #2F | (\$2,954.40) | | | | (\$2,954.40) |
| CCO # | | | | | \$0.00 |
| | | | | | |
| Adjusted Funding | \$574,745.10 | \$0.00 | \$0.00 | \$0.00 | \$574,745.10 |
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SIXTH STREET MEMORIAL PARK WATER TRANSMISSION MAIN RECONSTRUCTION
PROJECT NO. W04-1423
JULY 7, 2006
ORIGINAL CONTRACT AMOUNT: \$577,699.50
CONTRACTOR: Hills Materials Company

| LINE ITEM | DESCRIPTION | REASON FOR CHANGE |
|--------------|--|---|
| 3 | CLEARING & GRUBBING, 6" +TREE | Normal Construction Deviation |
| 4 | 6" PVC WATER MAIN | Normal Construction Deviation |
| 5 | 8" PVC RESTRAINED JOINT WATER MAIN | Normal Construction Deviation |
| 9 | 12" STANDARD COUPLING | Not needed at tie-ins, tied to fittings |
| 27 | CONNECT TO EXISTING WATER MAIN | Needed to tie to to existing main instead of valve as expected |
| 30 | WATER MAIN ENCASEMENT | Normal Construction Deviation |
| 33 | EXPLORATORY EXCAVATION | Two locations were exposed to determine utility elevations |
| 34 | TYPE 1+C18 BEDDING MATERIAL | Material not used, More Type 2 was used |
| 35 | TYPE 2 FOUNDATION MATERIAL | Extra material needed to stabilize trench bottom |
| 36 | AASHTO T-180 SOIL TEST | One test taken, north of creek too rocky to take tests |
| 38 | REMOVE & DISPOSE ASPHALT PAVEMENT | Able to contain construction area to minimal area |
| 39 | REMOVE & DISPOSE CONTAMINATED SOIL | None Encountered |
| 40 | REMOVE & DISPOSE CONTAMINATED WATER | None Encountered |
| 41 | REMOVE CONCRETE CURB AND GUTTER | Normal Construction Deviation |
| 42 | REMOVE CONCRETE DRAIN PAN | Did not remove, stayed in asphalt area with construction |
| 43 | REMOVE CONCRETE PAVEMENT | Did not remove, stayed in asphalt area with construction |
| 44 | REMOVE CONCRETE SIDEWALK | Extra removal required to install 12" water main |
| 45 | REMOVE CONCRETE FILLET | Normal Construction Deviation |
| 46 | REMOVE & DISPOSE OF 24" WATER MAIN | Normal Construction Deviation |
| 47 | AGGREGATE BASE COURSE | Extra material used in parking lot to stabilize base |
| 48 | GRAVEL SURFACING | Normal Construction Deviation |
| 49 | AC PATCHING, CLASS G, TYPE 1, 5" | Able to contain construction area to minimal area |
| 50 | PCC PAVEMENT, 6" NONREINFORCED | Did not remove, stayed in asphalt area with construction |
| 51 | CONCRETE CURB & GUTTER | Normal Construction Deviation |
| 52 | CONCRETE DRAIN PAN, 4' | Did not remove, stayed in asphalt area with construction |
| 53 | CONCRETE FILLET (REINFORCED) 6" | Normal Construction Deviation |
| 54 | CONCRETE SIDEWALK, 4" | Extra removal required to install 12" water main |
| 55 | TACK COAT | Normal Construction Deviation |
| 56 | EROSION CONTROL, HAY BALES | Used more bales to contain sediment from entering creek |
| 57 | EROSION CONTROL, SILT FENCE | Normal Construction Deviation |
| 58 | EROSION CONTROL, HI-VEL EXCELSIOR BLANKET | Did not use, most of area was sodded |
| 62 | PAVEMENT MARKING PAINT, 4" WHITE | Normal Construction Deviation |
| 65 | CLASS II RIP RAP | Material not used, not needed |
| 66 | ABANDON SEWER MAIN | Abandoned Existing Sewer Main Correctly by Installing Concrete Plugs When Encountered with New Water Main |

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|----|---|---|-------------|
| 67 | FURNISH & INSTALL THRUST BLOCK FOR 12"X8" TEE AND 8" GATE VALVE | Installed Concrete Thrust Block in Addition to Restraining Glands to Insure Safe Installation | PW080106-09 |
| 68 | FURNISH AND INSTALL 8" GATE VALVE WITH ANODE BAG | Installed New 8" Valve in Place of Old Valve | |
| 69 | FURNISH AND INSTALL THRUST BLOCK FOR 24" WATER MAIN | Installed Large 13 c.y. Thrust Black to Hold New Water Main in Place | |
| 70 | FURNISH AND INSTALL GEO-GRID | Installed Geo-Grid to Stabilize Soft Subgrade | |
| 71 | PAINT HANDICAP SYMBOL | Painted Handicap Symbols to Replace Existing Symbols That Were Removed During Construction | |
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PREPARED BY: Keith Johnson

DATE: July 7, 2006