

December 19, 2019

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 17 to Super Excavators, Inc., N59 W14601 Boblink Avenue, Menomonee Falls, WI 53051, for Greenmeadow Sanitary Interceptor Sewer.

Contract No. # 4071

CONTRACT DATE: June 19, 2018

Original \$ 18,461,976.00

Amended \$ 19,358,525.37

| Line No. | Item No. | Item Description | Unit | Bid Quantities | Completed Quantity | Unit Price | Amount |
|------------------------------------------------|----------|-----------------------------------------------------------------------|------|----------------|--------------------|-----------------|-----------------|
| GREENMEADOW INTERCEPTOR SEWER BID ITEMS | | | | | | | |
| 1 | 01001 | TRAFFIC CONTROL | LS | 1 | 0.95 | \$ 80,000.00 | \$ 76,000.00 |
| 2 | 01010 | MOBILIZATION | LS | 1 | 1.00 | \$ 1,125,000.00 | \$ 1,125,000.00 |
| 3 | 01017 | TEMPORARY SAFETY FENCE | LF | 1,120 | 2,226 | \$ 2.00 | \$ 4,452.00 |
| 4 | 01018 | TEMPORARY CONCRETE SAFETY BARRIER | LF | 250 | 173.5 | \$ 50.00 | \$ 8,675.00 |
| 5 | 01020 | FIELD OFFICE | LS | 1 | 1.00 | \$ 75,000.00 | \$ 75,000.00 |
| 6 | 01995 | DEWATERING (SPECIAL, IF NEEDED AT DEEP EXCAVATIONS AND TUNNEL SHAFTS) | LS | 1 | 1.00 | \$ 525,000.00 | \$ 525,000.00 |
| 7 | 02002 | SILT FENCE | LF | 3,200 | 2,798 | \$ 2.00 | \$ 5,596.00 |
| 8 | 02005 | INLET PROTECTION | EACH | 34 | 47 | \$ 80.00 | \$ 3,760.00 |
| 9 | 02010 | CONSTRUCTION ENTRANCE | EACH | 3 | 3 | \$ 3,000.00 | \$ 9,000.00 |
| 10 | 02110 | CONCRETE WASH-OUT BASIN | LS | 1 | 1 | \$ 3,000.00 | \$ 3,000.00 |
| 11 | 03001 | CLEARING | LS | 1 | 1 | \$ 30,000.00 | \$ 30,000.00 |
| 12 | 03002 | GRUBBING | LS | 1 | 1 | \$ 30,000.00 | \$ 30,000.00 |
| 13 | 03100 | REMOVE SEWER MANHOLE | EACH | 14 | 14 | \$ 1,000.00 | \$ 14,000.00 |
| 14 | 03110 | REMOVE PIPE | LF | 3,355 | 4,065.0 | \$ 30.00 | \$ 121,950.00 |
| 15 | 03200 | ABANDON SEWER MANHOLE | EACH | 13 | 11 | \$ 600.00 | \$ 6,600.00 |
| 16 | 03205 | ABANDON PIPE | LF | 11,483 | 5,022 | \$ 20.00 | \$ 100,440.00 |
| 17 | 03300 | REMOVE EXISTING CURB AND GUTTER | LF | 1,254 | 2,792.0 | \$ 10.00 | \$ 27,920.00 |
| 18 | 03331 | REMOVE EXISTING SIDEWALK | SY | 578 | 597.9 | \$ 20.00 | \$ 11,958.00 |
| 19 | 03990 | DEMOLISH GREENMEADOW PUMP STATION | LS | 1 | 0 | \$ 275,000.00 | \$ - |
| 20 | 03991 | DEMOLISH WOODFIELD PUMP STATION | LS | 1 | 1 | \$ 80,000.00 | \$ 80,000.00 |
| 21 | 04120 | SLURRY BACKFILL (DOES NOT INCLUDE MH-5, MH-6, MH-7 AND MH-10) | CY | 90 | 15 | \$ 70.00 | \$ 1,050.00 |

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|----|-------|-------------------------------------------------------------------------------------------------------------------------|-----------|-------|---------|-----------------|-----------------|
| 22 | 04167 | TUNNELING - ROCK | LS | 1 | 1 | \$ 3,075,000.00 | \$ 3,075,000.00 |
| 23 | 04175 | SOLID ROCK EXCAVATION (IN TRENCHES) | CY | 665 | 2,254.0 | \$ 135.00 | \$ 304,290.00 |
| 24 | 04176 | LOOSE ROCK EXCAVATION (IN TRENCHES) | CY | 1,330 | 0 | \$ 75.00 | \$ - |
| 25 | 04216 | HORIZONTAL DIRECTIONAL DRILL 18 INCH PIPE - RIVER CROSSING 1 | LF | 680 | 635 | \$ 870.00 | \$ 552,450.00 |
| 26 | 04216 | HORIZONTAL DIRECTIONAL DRILL 18 INCH PIPE - RIVER CROSSING 2 | LF | 700 | 691 | \$ 870.00 | \$ 601,170.00 |
| 27 | 04217 | INTENTIONALLY LEFT BLANK | | | 0 | | \$ - |
| 28 | 04217 | INTENTIONALLY LEFT BLANK | | | 0 | | \$ - |
| 29 | 04990 | TRENCH STABILIZATION | LF | 200 | 54 | \$ 50.00 | \$ 2,700.00 |
| 30 | 04991 | 42-INCH CARRIER PIPE INSTALLATION TUNNEL (SPECIAL) | LS | 1 | 1.00 | \$ 750,000.00 | \$ 750,000.00 |
| 31 | 04992 | BACKFILL GROUTING-CELLULAR CONCRETE (SPECIAL) | LS | 1 | 1.00 | \$ 200,000.00 | \$ 200,000.00 |
| 32 | 04993 | GROUNDWATER CONTROL GROUT (TBM AND DRILL AND BLAST) | 94 lb Bag | 1,700 | 0 | \$ 1.00 | \$ - |
| 33 | 04994 | GROUNDWATER CONTROL GROUTING (SET-UP) | EACH | 140 | 0 | \$ 1.00 | \$ - |
| 34 | 04995 | WATERTIGHT SHAFT (LOWELL PARK SHAFT - SPECIAL) | EACH | 1 | 1.00 | \$ 830,000.00 | \$ 830,000.00 |
| 35 | 04996 | WATERTIGHT SHAFT (INTERMEDIATE SHAFT 1 - SPECIAL. THIS SHAFT IS CONSIDERED OPTIONAL GIVEN CONTRACTOR'S PROPOSED METHOD) | EACH | 1 | 0 | \$ 1.00 | \$ - |
| 36 | 04997 | WATERTIGHT SHAFT (INTERMEDIATE SHAFT 2 - SPECIAL, MADISON AND JOELLEN) | EACH | 1 | 1.00 | \$ 1,150,000.00 | \$ 1,150,000.00 |
| 37 | 04998 | PORTAL CONSTRUCTION (SPECIAL - JOELLEN AND AMERICAN) (DOES NOT INCLUDE OPEN CUT ROCK EXCAVATION | EACH | 1 | 1 | \$ 475,000.00 | \$ 475,000.00 |
| 38 | 04999 | SETTLEMENT AND VIBRATION MONITORING | EACH | 1 | 1 | \$ 60,000.00 | \$ 60,000.00 |
| 39 | 05030 | CHIMNEY REPLACEMENT | EACH | 10 | 4 | \$ 1,500.00 | \$ 6,000.00 |
| 40 | 05040 | 8-INCH SANITARY SEWER OUTSIDE DROP | VF | 22 | 15 | \$ 400.00 | \$ 5,800.00 |
| 41 | 05041 | 10-INCH PVC SANITARY SEWER OUTSIDE DROP | VF | 6 | 0 | \$ 500.00 | \$ - |
| 42 | 05050 | INTERNAL CHIMNEY SEAL | EACH | 27 | 15 | \$ 500.00 | \$ 7,500.00 |
| 43 | 05055 | CLEANOUT | EACH | 4 | 4 | \$ 85.00 | \$ 340.00 |
| 44 | 05108 | 8-INCH PVC SANITARY SEWER PIPE | LF | 173 | 194 | \$ 200.00 | \$ 38,800.00 |
| 45 | 05110 | 10-INCH PVC SANITARY SEWER PIPE | LF | 10 | 0 | \$ 280.00 | \$ - |
| 46 | 05112 | 12-INCH PVC SANITARY SEWER PIPE | LF | 67 | 76 | \$ 240.00 | \$ 18,240.00 |
| 47 | 05115 | 15-INCH PVC SANITARY SEWER PIPE | LF | 60 | 57 | \$ 230.00 | \$ 13,110.00 |
| 48 | 05118 | 18-INCH PVC SANITARY SEWER PIPE | LF | 53 | 11.2 | \$ 320.00 | \$ 3,584.00 |

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| 49 | 05155 | 4-INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT) | LF | 418 | 78.5 | \$ 190.00 | \$ 14,915.00 |
| 50 | 05157 | 6-INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT) | LF | 610 | 818.5 | \$ 200.00 | \$ 163,700.00 |
| 51 | 05174 | 4 INCH SANITARY SEWER RISER | VF | 150 | 70.5 | \$ 60.00 | \$ 4,230.00 |
| 52 | 05176 | 6 INCH SANITARY SEWER RISER | VF | 222 | 222.0 | \$ 75.00 | \$ 16,650.00 |
| 53 | 05400 | 48-INCH DIA SANITARY MANHOLE | VF | 32 | 11 | \$ 270.00 | \$ 2,970.00 |
| 54 | 05401 | 72-INCH DIA SANITARY MANHOLE | VF | 48 | 38.3 | \$ 635.00 | \$ 24,320.50 |
| 55 | 05485 | 2'X3' STORM INLET | EACH | 2 | 4 | \$ 1,500.00 | \$ 6,000.00 |
| 56 | 05512 | 12 INCH RCP STORM SEWER PIPE | LF | 186 | 67.0 | \$ 160.00 | \$ 10,720.00 |
| 57 | 05536 | 36 INCH RCP STORM SEWER PIPE | LF | 140 | 68 | \$ 300.00 | \$ 20,400.00 |
| 58 | 05590 | STORM SEWER INLET REPAIR | VF | 60 | 8 | \$ 325.00 | \$ 2,600.00 |
| 59 | 05595 | STORM SEWER MANHOLE REPAIR | VF | 20 | 0 | \$ 325.00 | \$ - |
| 60 | 05850 | CONCRETE COLLAR | EACH | 9 | 7 | \$ 2,000.00 | \$ 14,000.00 |
| 61 | 05951 | SANITARY SEWER CLEANING AND TELEVISIONING - PREPAVING | LF | 2,234 | 3,220.4 | \$ 30.00 | \$ 96,612.00 |
| 62 | 05952 | SANITARY SEWER LATERAL TELEVISIONING - PREPAVING | EACH | 71 | 26 | \$ 1,600.00 | \$ 41,600.00 |
| 63 | 05980 | 36 INCH PVC SANITARY SEWER PIPE - F679, PS46 | LF | 5,044 | 5,065.7 | \$ 550.00 | \$ 2,786,135.00 |
| 64 | 05981 | 36 INCH PVC SANITARY SEWER PIPE - C900 | LF | 1,086 | 1,068.0 | \$ 750.00 | \$ 801,000.00 |
| 65 | 05982 | 72-INCH DIA SANITARY MANHOLE, WITH REDUCED RISER | VF | 232 | 207.4 | \$ 400.00 | \$ 82,960.00 |
| 66 | | 72-INCH DIA SANITARY MANHOLE, WITH FLAT SLAB | VF | 7 | 51.9 | \$ 750.00 | \$ 38,925.00 |
| 67 | 05984 | 96-INCH SANITARY MANHOLE, CONSTRUCTED OVER EXISTING SEWER (SAN MH 27) | LS | 1 | 1 | \$ 17,000.00 | \$ 17,000.00 |
| 68 | 05985 | 96-INCH SANITARY SEWER MANHOLE, WITH REDUCED RISER | VF | 14 | 14.4 | \$ 1,200.00 | \$ 17,280.00 |
| 69 | 05986 | 96-INCH SANITARY SEWER MANHOLE, FLAT SLAB | VF | 8 | 8 | \$ 1,800.00 | \$ 14,400.00 |
| 70 | 05987 | 12-INCH PVC SANITARY SEWER OUTSIDE DROP | VF | 8 | 19.4 | \$ 600.00 | \$ 11,640.00 |
| 71 | 05988 | SANITARY MANHOLE MH-5, WITH VORTEX UNIT | LS | 1 | 1.0 | \$ 260,000.00 | \$ 260,000.00 |
| 72 | 05989 | SANITARY MANHOLE MH-6 (IF SHAFT IS REQUIRED FOR TUNNEL CONSTRUCTION) | LS | 1 | 0 | \$ 1.00 | \$ - |
| 73 | 05990 | SANITARY MANHOLE MH-7 | LS | 1 | 1 | \$ 45,000.00 | \$ 45,000.00 |
| 74 | 05991 | SANITARY MANHOLE MH-10 | LS | 1 | 1 | \$ 30,000.00 | \$ 30,000.00 |
| 75 | 05992 | SIPHON STRUCTURES - INLET AND OUTLET | LS | 1 | 1 | \$ 300,000.00 | \$ 300,000.00 |

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| 76 | 05995 | PLUG 18-IN. SANITARY SEWER CONNECTION IN MH 200' WEST OF SAN MH-1 (CONEVIEW CONNECTION) | LS | 1 | 0 | \$ 500.00 | \$ - |
| 77 | 05996 | SANITARY MANHOLE MH-18, WITH VORTEX UNIT | LS | 1 | 1.0 | \$ 250,000.00 | \$ 250,000.00 |
| 78 | 05997 | FURNISH AND INSTALL POLYSTYRENE INSULATION FOR 36-INCH INTERCEPTOR | LF | 155 | 160 | \$ 90.00 | \$ 14,400.00 |
| 79 | 07008 | 8-INCH CONCRETE PAVEMENT | SY | 88 | 150.9 | \$ 125.00 | \$ 18,857.50 |
| 80 | 07130 | 30" TYPE A CONCRETE CURB & GUTTER | LF | 1,254 | 2,792.0 | \$ 40.00 | \$ 111,680.00 |
| 81 | 07301 | CURB RAMP DETECTABLE WARNING FIELDS | SF | 242 | 255 | \$ 38.00 | \$ 9,690.00 |
| 82 | 07302 | PEDESTRIAN CURB | LF | 100 | 0 | \$ 40.00 | \$ - |
| 83 | 07304 | 4-INCH CONCRETE SIDEWALK | SF | 4,625 | 4,959 | \$ 7.00 | \$ 34,713.00 |
| 84 | 07326 | 6-INCH CONCRETE DRIVE APPROACH | SF | 1,388 | 808 | \$ 12.00 | \$ 9,696.00 |
| 85 | 08012 | MILL EXISTING ASPHALT ROADWAY - 2" | SY | 24,000 | 15,126.0 | \$ 3.00 | \$ 45,378.00 |
| 86 | 08020 | FOUNDATION PREPARATION OF MILLED PAVEMENT | SY | 24,000 | 15,126.0 | \$ 0.50 | \$ 7,563.00 |
| 87 | 08050 | UTILITY TRENCH PATCH - TEMPORARY | SY | 200 | 376.6 | \$ 140.00 | \$ 52,724.00 |
| 88 | 08065 | HMA PAVEMENT PATCHING | SY | 1,200 | 662 | \$ 85.00 | \$ 56,270.00 |
| 89 | 08206 | HMA PAVEMENT TYPE 3LT5828H | TON | 1,431 | 2,365.93 | \$ 250.00 | \$ 591,482.50 |
| 90 | 08208 | HMA PAVEMENT TYPE 5LT5828H | TON | 2,631 | 2,454.55 | \$ 80.00 | \$ 196,364.00 |
| 91 | 08990 | CRACKFILLING - ASPHALT PAVEMENT MILLED | SY | 24,000 | 9,248 | \$ 2.00 | \$ 18,496.00 |
| 92 | 12201 | PAVEMENT MARKING EPOXY, LINE, 4-INCH (YELLOW) | LF | 3,805 | 1,602 | \$ 1.00 | \$ 1,602.00 |
| 93 | 12201 | PAVEMENT MARKING EPOXY, LINE, 4-INCH (WHITE) | LF | 5,394 | 180 | \$ 1.00 | \$ 180.00 |
| 94 | 12204 | PAVEMENT MARKING EPOXY, LINE 8-INCH | LF | 517 | 354 | \$ 1.00 | \$ 354.00 |
| 95 | 12220 | PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH | LF | 1,339 | 362 | \$ 8.00 | \$ 2,896.00 |
| 96 | 12250 | PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH | LF | 342 | 101 | \$ 11.00 | \$ 1,111.00 |
| 97 | 12258 | PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE | EACH | 9 | 0 | \$ 170.00 | \$ - |
| 98 | 12259 | PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW | EACH | 9 | 0 | \$ 100.00 | \$ - |
| 99 | 12263 | PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW | EACH | 8 | 5 | \$ 270.00 | \$ 1,350.00 |
| 100 | 12270 | PAVEMENT MARKING EPOXY, WORD ONLY | EACH | 6 | 5 | \$ 300.00 | \$ 1,500.00 |
| 101 | 12990 | PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP | EACH | 1 | 0 | \$ 150.00 | \$ - |
| 102 | 13005 | REMOVE, STORE AND RE-INSTALL SIGNS & POSTS | EACH | 3 | 8 | \$ 100.00 | \$ 800.00 |

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| 103 | 14003 | TOPSOIL, FERTILIZER, SEED & EROSION MAT | SY | 3,437 | 13,823 | \$ 6.00 | \$ 82,938.00 |
| 104 | 14005 | TOPSOIL AND SOD | SY | 10,960 | 892 | \$ 9.00 | \$ 8,028.00 |
| 105 | 15990 | FURNISH AND INSTALL 8-INCH D.I. WATERMAIN AND FITTINGS AT STA 13+00 SAN MH 1 LOCATION (MICHIGAN AVE.) | LS | 1 | 1 | \$ 10,000.00 | \$ 10,000.00 |
| 106 | 15999 | FURNISH AND INSTALL 8-INCH D.I. WATER MAIN AND FITTINGS FOR HORIZONTAL OFFSET AT STA 52+80 SHAFT LOCATION (JOELLEN DR.), INCLUDING TEMPORARY RESTRAINED CAPS | LS | 1 | 1.0 | \$ 22,000.00 | \$ 22,000.00 |
| 107 | 04990 | ALLOWANCE FOR CONTAMINATED MATERIAL DISPOSAL | LS | 1 | 0.23 | \$ 165,600.00 | \$ 38,234.18 |
| 107 A | | CO #1 - EXTRA #1 - ADDITIONAL COSTS DUE TO NORMAL FLOW BORE - REDIRECTS | LS | | 1 | \$ 65,990.24 | \$ 65,990.24 |
| 107 B | | CO #1 - EXTRA #2 - ADDITIONAL COSTS DUE TO NORMAL FLOW BORE - INADVERTENT RETURNS | LS | | 1 | \$ 22,216.33 | \$ 22,216.33 |
| 107 C | | CO #1 - EXTRA #3 - ADDITIONAL COSTS DUE TO NORMAL FLOW BORE - CHANGE IN CONDITION: ROCK LEDGE | LS | | 1 | \$ 26,082.49 | \$ 26,082.49 |
| 107 D | | CO #1 - EXTRA #4 - ADDITIONAL COSTS DUE TO HIGH FLOW BORE - CHANGE IN CONDITION: BORE THROUGH BEDROCK | LS | | 1 | \$ 217,829.11 | \$ 217,829.11 |
| 107 E | | CO #1 - EXTRA #5 - PIPING CHANGES RELATED TO INLET SIPHON RELOCATION | LS | | 1 | \$ 13,544.94 | \$ 13,544.94 |
| 107 F | | CO #3 - EXTRA #6 - SANITARY INTERCEPTOR SEWER CONFLICT WITH EXISTING 20" WATERMAIN | LS | | 1 | \$ 15,522.10 | \$ 15,522.10 |
| 107 G | | CO #7 - EXTRA #7 - CLSM BACKFILL FOR HOBAS PIPE AT SHAFT 5 | CY | | 50 | \$ 15.00 | \$ 750.00 |
| 107 H | | CO #7 - EXTRA #8 - CLSM BACKFILL FOR HOBAS PIPE AT SHAFTS 7 & 10 | CY | | 62 | \$ 60.50 | \$ 3,751.00 |
| 107 I | | CO #7 - EXTRA #9 - 15 INCH RCP STORM SEWER PIPE | LF | | 6 | \$ 194.00 | \$ 1,164.00 |
| GREENMEADOW INTERCEPTOR SEWER SUBTOTAL: | | | | | | | \$ 17,131,599.89 |

| AREA 5 STORM SEWER BID ITEMS | | | | | | | |
|------------------------------|-------|----------------------------------------------------|------|-------|---------|--------------|---------------|
| 108 | 01001 | TRAFFIC CONTROL | LS | 1 | 1 | \$ 20,000.00 | \$ 20,000.00 |
| 109 | 01010 | MOBILIZATION | LS | 1 | 1 | \$ 15,000.00 | \$ 15,000.00 |
| 110 | 02005 | INLET PROTECTION | EACH | 3 | 3 | \$ 80.00 | \$ 240.00 |
| 111 | 03100 | REMOVE SEWER MANHOLE | EACH | 1 | 1 | \$ 1,000.00 | \$ 1,000.00 |
| 112 | 03101 | REMOVE INLET | EACH | 1 | 1 | \$ 165.00 | \$ 165.00 |
| 113 | 03110 | REMOVE PIPE | LF | 50 | 50 | \$ 30.00 | \$ 1,500.00 |
| 114 | 03300 | REMOVE EXISTING CURB AND GUTTER | LF | 85 | 1,092 | \$ 13.00 | \$ 14,196.00 |
| 115 | 03331 | REMOVE EXISTING SIDEWALK | SY | 20 | 24.2 | \$ 20.00 | \$ 484.00 |
| 116 | 05479 | 96-INCH STORM SEWER MANHOLE | EACH | 4 | 4 | \$ 7,000.00 | \$ 28,000.00 |
| 117 | 05485 | 2'X3' STORM INLET | EACH | 4 | 4 | \$ 1,200.00 | \$ 4,800.00 |
| 118 | 05495 | 144-INCH DIA STORM SEWER (STM MH 7) | LS | 1 | 1 | \$ 60,000.00 | \$ 60,000.00 |
| 119 | 05512 | 12 INCH RCP STORM SEWER PIPE | LF | 64 | 68 | \$ 150.00 | \$ 10,200.00 |
| 120 | 05536 | 36 INCH RCP STORM SEWER PIPE | LF | 8 | 0 | \$ 400.00 | \$ - |
| 121 | 05542 | 42 INCH RCP STORM SEWER PIPE | LF | 8 | 10 | \$ 450.00 | \$ 4,500.00 |
| 122 | 05743 | 43 INCH X 68 INCH TYPE I HERCP STORM SEWER PIPE | LF | 8 | 0 | \$ 500.00 | \$ - |
| 123 | 05850 | CONCRETE COLLAR | EACH | 3 | 0 | \$ 1,500.00 | \$ - |
| 124 | 05955 | STORM SEWER CLEANING AND TELEVISIONING - PREPAVING | LF | 6,806 | 5,117.8 | \$ 2.50 | \$ 12,794.50 |
| 125 | 05993 | 108-INCH STORM SEWER MANHOLE | EACH | 2 | 2 | \$ 15,000.00 | \$ 30,000.00 |
| 126 | 05994 | 54-INCH RCP STORM SEWER PIPE | LF | 1,252 | 1,261.1 | \$ 260.00 | \$ 327,886.00 |
| 127 | 07130 | 30" TYPE A CONCRETE CURB & GUTTER | LF | 85 | 1,092 | \$ 40.00 | \$ 43,680.00 |
| 128 | 07304 | 4-INCH CONCRETE SIDEWALK | SF | 180 | 219 | \$ 7.00 | \$ 1,533.00 |
| 129 | 08012 | MILL EXISTING ASPHALT ROADWAY - 2" | SY | 1,075 | 592.4 | \$ 5.00 | \$ 2,962.00 |
| 130 | 08020 | FOUNDATION PREPARATION OF MILLED PAVEMENT | SY | 1,075 | 592.4 | \$ 1.00 | \$ 592.40 |
| 130 A | 08050 | UTILITY TRENCH PATCH - TEMPORARY | SY | | 70.3 | \$ 140.00 | \$ 9,842.00 |
| 131 | 08065 | HMA PAVEMENT PATCHING | SY | 55 | 0 | \$ 80.00 | \$ - |
| 132 | 08206 | HMA PAVEMENT TYPE 3LT5828H | TON | 90 | 194.1 | \$ 250.00 | \$ 48,525.00 |
| 133 | 08208 | HMA PAVEMENT TYPE 5LT5828H | TON | 180 | 197 | \$ 80.00 | \$ 15,768.00 |
| 134 | 08990 | CRACKFILLING - ASPHALT PAVEMENT MILLED | SY | 1,075 | 0 | \$ 3.00 | \$ - |
| 135 | 12201 | PAVEMENT MARKING EPOXY, LINE, 4-INCH (WHITE) | LF | 533 | 0 | \$ 1.00 | \$ - |

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| 136 | 12220 | PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH | LF | 77 | 0 | \$ 8.00 | \$ - |
| 137 | 12250 | PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH | LF | 18 | 0 | \$ 11.00 | \$ - |
| 138 | 12258 | PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE | EACH | 1 | 0 | \$ 170.00 | \$ - |
| 139 | 12259 | PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW | EACH | 1 | 0 | \$ 100.00 | \$ - |
| 140 | 14005 | TOPSOIL AND SOD | SY | 50 | 0 | \$ 11.00 | \$ - |
| AREA 5 STORM SEWER BID ITEMS | | | | | | | \$ 653,667.90 |

| WAUKESHA WATER UTILITY BID ITEMS | | | | | | | |
|-----------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------|------|-------|---------|-----------|--------------|
| 149 | 03300 | REMOVE EXISTING CURB AND GUTTER | LF | 218 | 722 | \$ 13.00 | \$ 9,386.00 |
| 149 A | 03331 | REMOVE EXISTING SIDEWALK | SY | | 48.5 | \$ 20.00 | \$ 970.00 |
| 150 | 07130 | 30" TYPE A CONCRETE CURB & GUTTER | LF | 218 | 722 | \$ 40.00 | \$ 28,880.00 |
| 150 A | 07304 | 4-INCH CONCRETE SIDEWALK | SF | | 331 | \$ 7.00 | \$ 2,317.00 |
| 150 B | 07326 | 6-INCH CONCRETE DRIVE APPROACH | SF | | 106 | \$ 12.00 | \$ 1,272.00 |
| 151 | 08012 | MILL EXISTING ASPHALT ROADWAY - 2" | SY | 2,900 | 2,940 | \$ 5.00 | \$ 14,700.00 |
| 152 | 08020 | FOUNDATION PREPARATION OF MILLED PAVEMENT | SY | 2,900 | 2,940 | \$ 1.00 | \$ 2,940.00 |
| 153 | 08065 | HMA PAVEMENT PATCHING | SY | 145 | 267.0 | \$ 80.00 | \$ 21,360.00 |
| 154 | 08206 | HMA PAVEMENT TYPE 3LT5828H | TON | 243 | 147.13 | \$ 250.00 | \$ 36,782.50 |
| 155 | 08208 | HMA PAVEMENT TYPE 5LT5828H | TON | 317 | 443.27 | \$ 80.00 | \$ 35,461.60 |
| 156 | 08990 | CRACKFILLING - ASPHALT PAVEMENT MILLED | SY | 2,900 | 1,088.4 | \$ 3.00 | \$ 3,265.20 |
| 157 | 12201 | PAVEMENT MARKING EPOXY, LINE, 4-INCH (WHITE) | LF | 1,044 | 0 | \$ 1.00 | \$ - |
| 158 | 12220 | PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH | LF | 69 | 0 | \$ 8.00 | \$ - |
| 159 | 12250 | PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH | LF | 13 | 0 | \$ 11.00 | \$ - |
| 160 | 12258 | PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE | EACH | 2 | 0 | \$ 170.00 | \$ - |
| 161 | 12259 | PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW | EACH | 2 | 0 | \$ 100.00 | \$ - |
| 161 A | 14005 | TOPSOIL AND SOD | SY | | 336 | \$ 9.00 | \$ 3,024.00 |
| 162 | 15001 | FURNISH AND INSTALL 12" WATER MAIN AND FITTINGS WITH COMPACTED GRANULAR BACKFILL, CHLORINATING, FLUSHING AND PRESSURE TESTING | LF | 60 | 60 | \$ 400.00 | \$ 24,000.00 |

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| 163 | 15002 | FURNISH AND INSTALL 8" WATER MAIN AND FITTINGS WITH COMPACTED GRANULAR BACKFILL, CHLORINATING, FLUSHING AND PRESSURE TESTING | LF | 920 | 864 | \$ 125.00 | \$ 108,000.00 |
| 164 | 15003 | FURNISH AND INSTALL 6" D.I. WATER MAIN AND FITTINGS FOR THE CONNECTION AT S. MORELAND BLVD. AND DOPP STREET WITH COMPACTED GRANULAR BACKFILL AND SWAB PIPE WITH CHLORINATED WATER | LS | 1 | 1 | \$ 6,600.00 | \$ 6,600.00 |
| 165 | 15004 | FURNISH AND INSTALL TWO (2) 6" CAPS TO DISCONNECT WATER MAIN AT S. MORELAND BLVD. AND MOTOR AVENUE WITH COMPACTED GRANULAR BACKFILL | LS | 1 | 1 | \$ 3,600.00 | \$ 3,600.00 |
| 166 | 15005 | FURNISH AND INSTALL FOUR (4) 6" CAPS TO DISCONNECT WATER MAIN AT S. MORELAND BLVD. AND W. ST. PAUL AVENUE WITH COMPACTED GRANULAR BACKFILL | LS | 1 | 1 | \$ 6,000.00 | \$ 6,000.00 |
| 167 | 15006 | FURNISH AND INSTALL 20" BUTTERFLY VALVE & BOX | EACH | 1 | 1 | \$ 12,000.00 | \$ 12,000.00 |
| 168 | 15007 | FURNISH AND INSTALL 16" BUTTERFLY VALVE & BOX | EACH | 1 | 1 | \$ 7,000.00 | \$ 7,000.00 |
| 169 | 15008 | FURNISH AND INSTALL 8" GATE VALVE & BOX | EACH | 2 | 2 | \$ 1,500.00 | \$ 3,000.00 |
| 170 | 15009 | FURNISH AND INSTALL HYDRANT VALVE, 6" D.I. LEAD AND HYDRANT | EACH | 4 | 4 | \$ 10,000.00 | \$ 40,000.00 |
| 171 | 15010 | WWU TO FURNISH AND INSTALL 20"X6" TAPPING SLEEVE AND 6" TAPPING VALVE, CONTRACTOR TO FURNISH AND INSTALL 6" - 90° SWIVEL X SWIVEL AND HYDRANT | EACH | 1 | 1 | \$ 15,000.00 | \$ 15,000.00 |
| 172 | 15011 | CONNECT 1" COPPER SERVICE LATERAL (CONNECT WITH A DIRECT TAP USING A 1" CORP. AND BEND EXISTING PIPE INTO NEW CORP.) (NOTED ON DRAWING AS SL1) | EACH | 15 | 15 | \$ 900.00 | \$ 13,500.00 |
| 173 | 15012 | CONNECT 1" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X1" TAPPING SADDLE, A 1" CORP. AND BEND EXISTING PIPE INTO NEW CORP.) (NOTED ON DRAWING AS SL2) | EACH | 5 | 5 | \$ 1,000.00 | \$ 5,000.00 |
| 174 | 15013 | CONNECT 1-1/4" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X1-1/4" TAPPING SADDLE, A 1-1/4" CORP. AND BEND EXISTING PIPE INTO NEW CORP.) (NOTED ON DRAWING AS SL3) | EACH | 3 | 3 | \$ 1,100.00 | \$ 3,300.00 |
| 175 | 15014 | CONNECT 1" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X1" TAPPING SADDLE, A 1" CORP., ~6' OF 1" PE(CTS) PIPE AND A 1" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL4) | EACH | 3 | 3 | \$ 1,500.00 | \$ 4,500.00 |

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|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|----|--------------|--------------|
| 176 | 15015 | CONNECT 2" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X2" TAPPING SADDLE, A 2" CORP., ~6' OF 2" PE(CTS) PIPE AND A 2" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL5) | EACH | 1 | 1 | \$ 2,000.00 | \$ 2,000.00 |
| 177 | 15016 | CONNECT 1" OR 3/4" SERVICE LATERAL (CONNECT WITH A DIRECT TAP USING A 1" CORP., ~35' OF 1" PE(CTS) PIPE AND A 1" OR A 1"X3/4" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL6) | EACH | 6 | 2 | \$ 5,000.00 | \$ 10,000.00 |
| 178 | 15017 | CONNECT 1" OR 3/4" SERVICE LATERAL (CONNECT WITH DIRECT TAP USING A 1" CORP., ~55' OF 1" PE(CTS) PIPE AND A 1" OR A 1"X3/4" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL7) | EACH | 15 | 15 | \$ 5,600.00 | \$ 84,000.00 |
| 179 | 15018 | CONNECT 1" OR 3/4" SERVICE LATERAL (CONNECT WITH A DIRECT TAP USING A 1" CORP., ~15' OF 1" PE(CTS) PIPE AND A 1" CURB STOP, ROD AND BOX) (NOTED ON DRAWING AS SL8) | EACH | 2 | 6 | \$ 3,000.00 | \$ 18,000.00 |
| 180 | 15019 | CONNECT 6" SERVICE LATERAL (20"X6" TAPPING SLEEVE AND 6" TAPPING VALVE - PROVIDED BY WWU, ~75' OF 6" D. I. PIPE, (AND IF NEEDED) A 6" - 45° BENDS OR 6" SOLID SLEEVE OR 6"X4" REDUCER) (NOTED ON DRAWING AS SL9) | EACH | 1 | 1 | \$ 28,000.00 | \$ 28,000.00 |
| 181 | 15020 | INSULATION 2' WIDE X 4" THICK - (2) 2" POLYSTYRENE BOARD | LF | 100 | 50 | \$ 60.00 | \$ 3,000.00 |
| 182 | 15021 | FURNISH AND INSTALL CURB BOXES & RODS (IF NEEDED) | EACH | 10 | 0 | \$ 400.00 | \$ - |
| 183 | 15022 | FURNISH AND INSTALL CURB STOP (IF NEEDED) | EACH | 10 | 0 | \$ 400.00 | \$ - |
| 184 | 15023 | ABANDON EXISTING HYDRANT | EACH | 3 | 5 | \$ 500.00 | \$ 2,500.00 |
| 185 | 15024 | ABANDON VALVE BOXES & MANHOLES | LS | 1 | 1 | \$ 250.00 | \$ 250.00 |
| 185 A | 15991 | LOWER 1" COPPER SERVICE LATERAL | EACH | 8 | 4 | \$ 1,300.00 | \$ 5,200.00 |
| 185 B | 15992 | LOWER 1-1/4" COPPER SERVICE LATERAL | EACH | 1 | 3 | \$ 1,400.00 | \$ 4,200.00 |
| 185 C | 15993 | LOWER 1-1/2" COPPER SERVICE LATERAL | EACH | 1 | 1 | \$ 1,500.00 | \$ 1,500.00 |
| 185 D | 15994 | LOWER 2" COPPER SERVICE LATERAL | EACH | 1 | 1 | \$ 1,600.00 | \$ 1,600.00 |
| 185 E | 15995 | FURNISH AND INSTALL 6-INCH D.I. WATER MAIN AND FITTINGS FOR LOWERING AT STA 67+17 (DOPP ST.) | LS | 1 | 1 | \$ 12,000.00 | \$ 12,000.00 |
| 185 F | 15996 | FURNISH AND INSTALL 16-INCH D.I. WATER MAIN AND FITTINGS FOR LOWERING AT STA 13+85 (S. MORELAND BLVD), INCLUDING 8-INCH D.I. WATER MAIN AND 8-INCH VALVE AND BOX (IF NECESSARY) | LS | 1 | 1 | \$ 35,000.00 | \$ 35,000.00 |

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|-----------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|--------------|----------------------|
| 185 G | 15997 | FURNISH AND INSTALL 8-INCH D.I. WATER MAIN AND FITTINGS FOR LOWERING AT STA 13+90 (S. MORELAND BLVD.), INCLUDING 8-INCH D.I. WATER MAIN AND 8-INCH VALVE AND BOX (IF NECESSARY) | LS | 1 | 1 | \$ 14,000.00 | \$ 14,000.00 |
| 185 H | 15998 | FURNISH AND INSTALL POLYSTYRENE INSULATION AT WATER MAIN RELOCATIONS, WHERE NEEDED | LF | 36 | 72 | \$ 90.00 | \$ 6,480.00 |
| 185 I | | CO #3 - EXTRA #1 - INSTALL 8" WATERMAIN FROM 20" IN S MORELAND BLVD & W ST PAUL AVE | LS | | 1 | \$ 13,800.00 | \$ 13,800.00 |
| 185 J | | CO #5 - EXTRA #2 - LINDBERGH AVENUE AND WELL HOUSE | LS | | 1 | \$ 42,137.51 | \$ 42,137.51 |
| 185 K | | CO #6 - EXTRA #3 - INSTALLATION OF STEEL SHEETING TO PROTECT EXISTING 20" WATERMAIN | LS | | 1 | \$ 30,000.00 | \$ 30,000.00 |
| 185 L | | CO #7 - EXTRA #4 - WATERMAIN CONFLICT AT MORELAND & DOPP | LS | | 1 | \$ 5,488.00 | \$ 5,488.00 |
| WAUKESHA WATER UTILITY SUBTOTAL: | | | | | | | \$ 731,013.81 |

| W ST. PAUL AVE CULVERT REPLACEMENT BID ITEMS | | | | | | | |
|-----------------------------------------------------|-------|---------------------------------------------------------------|------|-----|-----|-------------|---------------|
| 186 | 01001 | TRAFFIC CONTROL | LS | 1 | 1 | \$ 5,000.00 | \$ 5,000.00 |
| 187 | 02002 | SILT FENCE | LF | 460 | 361 | \$ 2.00 | \$ 722.00 |
| 188 | 02003 | EROSION BALES | EACH | 5 | 0 | \$ 15.00 | \$ - |
| 189 | 02005 | INLET PROTECTION | EACH | 4 | 2 | \$ 80.00 | \$ 160.00 |
| 190 | 02106 | TEMPORARY DITCH CHECK | EACH | 5 | 2 | \$ 50.00 | \$ 100.00 |
| 191 | 02166 | CULVERT PIPE CHECK | EACH | 1 | 0 | \$ 60.00 | \$ - |
| 192 | 03001 | CLEARING | LS | 1 | 1 | \$ 5,500.00 | \$ 5,500.00 |
| 193 | 03002 | GRUBBING | LS | 1 | 1 | \$ 3,500.00 | \$ 3,500.00 |
| 194 | 03100 | REMOVE SEWER MANHOLE | EACH | 1 | 1 | \$ 1,000.00 | \$ 1,000.00 |
| 195 | 03110 | REMOVE PIPE | LF | 210 | 210 | \$ 30.00 | \$ 6,300.00 |
| 196 | 03300 | REMOVE EXISTING CURB AND GUTTER | LF | 142 | 142 | \$ 10.00 | \$ 1,420.00 |
| 197 | 03331 | REMOVE EXISTING SIDEWALK | SY | 55 | 55 | \$ 20.00 | \$ 1,100.00 |
| 198 | 04002 | EXCAVATION CUT | CY | 595 | 595 | \$ 50.00 | \$ 29,750.00 |
| 199 | 04020 | 1-1/4" CRUSHED STONE ROADWAY BASE | TON | 55 | 55 | \$ 80.00 | \$ 4,400.00 |
| 200 | 04101 | SELECT BACKFILL FOR STORM SEWER | LF | 192 | 125 | \$ 12.00 | \$ 1,500.00 |
| 201 | 04120 | SLURRY BACKFILL (DOES NOT INCLUDE MH-5, MH-6, MH-7 AND MH-10) | CY | 22 | 22 | \$ 70.00 | \$ 1,540.00 |
| 202 | 05157 | 6-INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT) | LF | 42 | 42 | \$ 200.00 | \$ 8,400.00 |
| 203 | 05875 | 58"X91" ELLIPTICAL RCP | LF | 156 | 156 | \$ 1,281.50 | \$ 199,914.00 |

| | | | | | | | |
|-----------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|--------------|----------------------|
| 204 | 05880 | PRECAST CONCRETE ENDWALL | EACH | 2 | 2 | \$ 15,500.00 | \$ 31,000.00 |
| 205 | 05902 | MEDIUM RIPRAP | CY | 65 | 62.5 | \$ 92.00 | \$ 5,750.00 |
| 206 | 05903 | HEAVY RIPRAP | CY | 142 | 142 | \$ 105.00 | \$ 14,910.00 |
| 207 | 05905 | RIPRAP FILTER FABRIC, TYPE HR | SY | 40 | 40 | \$ 5.00 | \$ 200.00 |
| 208 | 05990 | JUNCTION STRUCTURE | EACH | 1 | 1 | \$ 58,584.00 | \$ 58,584.00 |
| 209 | 07130 | 30" TYPE A CONCRETE CURB & GUTTER | LF | 142 | 142 | \$ 40.00 | \$ 5,680.00 |
| 210 | 07304 | 4-INCH CONCRETE SIDEWALK | SF | 490 | 490 | \$ 7.00 | \$ 3,430.00 |
| 211 | 08012 | MILL EXISTING ASPHALT ROADWAY - 2" | SY | 342 | 270 | \$ 3.00 | \$ 810.00 |
| 212 | 08020 | FOUNDATION PREPARATION OF MILLED PAVEMENT | SY | 342 | 270 | \$ 0.50 | \$ 135.00 |
| 213 | 08050 | UTILITY TRENCH PATCH - TEMPORARY | SY | 101 | 46 | \$ 140.00 | \$ 6,496.00 |
| 214 | 08206 | HMA PAVEMENT TYPE 3LT5828H | TON | 33.9 | 33.9 | \$ 250.00 | \$ 8,475.00 |
| 215 | 08208 | HMA PAVEMENT TYPE 5LT5828H | TON | 22 | 8.6 | \$ 80.00 | \$ 688.00 |
| 216 | 11990 | REMOVE, STORE, RELOCATE AND REINSTALL EXISTING STREET LIGHT | LS | 1 | 1 | \$ 6,500.00 | \$ 6,500.00 |
| 217 | 14003 | TOPSOIL, FERTILIZER, SEED & EROSION MAT | SY | 1,192.3 | 1,192.3 | \$ 6.00 | \$ 7,154.00 |
| 218 | 14312 | EROSION MATTING, CLASS III, TYPE C | SY | 300 | | \$ 4.50 | \$ - |
| 219 | 15015 | CONNECT 2" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X2" TAPPING SADDLE, A 2" CORP., ~6' OF 2" PE(CTS) PIPE AND A 2" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL5) | EACH | 1 | 1 | \$ 2,000.00 | \$ 2,000.00 |
| 220 | 15021 | FURNISH AND INSTALL CURB BOXES & RODS (IF NEEDED) | EACH | 1 | 1 | \$ 380.00 | \$ 380.00 |
| 221 | 15022 | FURNISH AND INSTALL CURB STOP (IF NEEDED) | EACH | 1 | 1 | \$ 425.00 | \$ 425.00 |
| 222 | 15990 | 1-1/4" PE (CTS) PIPE | LF | 20 | 20 | \$ 145.00 | \$ 2,900.00 |
| W ST. PAUL AVE CULVERT REPLACEMENT SUBTOTAL: | | | | | | | \$ 425,823.00 |

| AT&T UTILITY CONFLICT BID ITEMS | | | | | | | |
|------------------------------------------------------|--|---------------------------------------------------------------------------------------|----|--|---|-------------|--------------------|
| 223 | | CO #3 - EXTRA #1 - RESOLVE SANITARY INTERCEPTOR SEWER CONFLICT WITH AT&T DUCT PACKAGE | LS | | 1 | \$ 9,825.65 | \$ 9,825.65 |
| AT&T UTILITY CONFLICT BID ITEMS SUBTOTAL: | | | | | | | \$ 9,825.65 |

| WE ENERGIES RESTORATION BID ITEMS | | | | | | | |
|---------------------------------------------|-------|--------------------------------------------------------|----|--|------|----------|--------------|
| 224 | 03300 | CO #7 - EXTRA #1 - REMOVE EXISTING CURB AND GUTTER | LF | | 132 | \$ 10.00 | \$ 1,320.00 |
| 225 | 03331 | CO #7 - EXTRA #2 - REMOVE EXISTING SIDEWALK | SY | | 98.3 | \$ 20.00 | \$ 1,966.00 |
| 226 | 07130 | CO #7 - EXTRA #3 - 30" TYPE A CONCRETE CURB & GUTTER | LF | | 132 | \$ 40.00 | \$ 5,280.00 |
| 227 | 07301 | CO #7 - EXTRA #4 - CURB RAMP DETECTABLE WARNING FIELDS | SF | | 30 | \$ 38.00 | \$ 1,140.00 |
| 228 | 07304 | CO #7 - EXTRA #5 - 4-INCH CONCRETE SIDEWALK | SF | | 885 | \$ 7.00 | \$ 6,195.00 |
| 229 | 14005 | CO #7 - EXTRA #6 - TOPSOIL AND SOD | SY | | 120 | \$ 9.00 | \$ 1,080.00 |
| WE ENERGIES RESTORATION BID ITEMS SUBTOTAL: | | | | | | | \$ 16,981.00 |

Total \$ 18,968,911.25

Less Retainage \$ 483,963.13

Total \$ 18,484,948.12

Less Previously Paid \$ 17,432,580.22

Total Amount Due \$ 1,052,367.90

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,052,367.90 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
 Director of Public Works