



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

March 15, 2023

CALL NO. 104
CONTRACT ID NO. 231315
ADDENDUM # 2

Subject: BULLITT County, STP 5119 (016)
Letting March 23, 2023

- (1) Revised - Proposal Bid Items - Pages 379-386 of 386
- (2) Revised - Plan Sheet T34

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills,

A handwritten signature in black ink that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

PROPOSAL BID ITEMS

231315

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Section: 0001 - PAVING

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|-----------------------------|-----------|------|-----------|----|--------|
| 0010 | 00003 | | CRUSHED STONE BASE | 11,527.00 | TON | | \$ | |
| 0020 | 00078 | | CRUSHED AGGREGATE SIZE NO 2 | 40,961.00 | TON | | \$ | |
| 0030 | 00100 | | ASPHALT SEAL AGGREGATE | 90.00 | TON | | \$ | |
| 0040 | 00103 | | ASPHALT SEAL COAT | 11.00 | TON | | \$ | |
| 0050 | 00194 | | LEVELING & WEDGING PG76-22 | 1,434.00 | TON | | \$ | |
| 0060 | 00216 | | CL3 ASPH BASE 1.00D PG76-22 | 13,246.00 | TON | | \$ | |
| 0070 | 00276 | | CL3 ASPH BIND 0.50D PG76-22 | 2,732.00 | TON | | \$ | |
| 0080 | 00356 | | ASPHALT MATERIAL FOR TACK | 61.00 | TON | | \$ | |
| 0090 | 00387 | | CL3 ASPH SURF 0.38B PG76-22 | 3,583.00 | TON | | \$ | |
| 0100 | 02099 | | CEM CONC ENT PAVEMENT-6 IN | 3,262.00 | SQYD | | \$ | |
| 0110 | 02602 | | FABRIC-GEOTEXTILE CLASS 1 | 29,682.00 | SQYD | | \$ | |
| 0120 | 02604 | | FABRIC-GEOTEXTILE CLASS 1A | 37,103.00 | SQYD | | \$ | |
| 0130 | 20071EC | | JOINT ADHESIVE | 13,474.00 | LF | | \$ | |
| 0140 | 23379EC | | STAMPED CONCRETE | 495.00 | SQYD | | \$ | |

Section: 0002 - ROADWAY

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|-----------|------|-----------|----|--------|
| 0150 | 00078 | | CRUSHED AGGREGATE SIZE NO 2 | 5,640.00 | TON | | \$ | |
| 0160 | 01000 | | PERFORATED PIPE-4 IN | 3,618.00 | LF | | \$ | |
| 0170 | 01010 | | NON-PERFORATED PIPE-4 IN | 528.00 | LF | | \$ | |
| 0180 | 01015 | | INSPECT & CERTIFY EDGE DRAIN SYSTEM | 1.00 | LS | | \$ | |
| 0190 | 01314 | | PLUG PIPE | 16.00 | EACH | | \$ | |
| 0200 | 01584 | | CAP DROP BOX INLET | 1.00 | EACH | | \$ | |
| 0210 | 01634 | | CAP CURB BOX INLET | 1.00 | EACH | | \$ | |
| 0220 | 01791 | | ADJUST MANHOLE FRAME TO GRADE | 8.00 | EACH | | \$ | |
| 0230 | 01810 | | STANDARD CURB AND GUTTER | 167.00 | LF | | \$ | |
| 0240 | 01811 | | STANDARD CURB AND GUTTER MOD | 6,436.00 | LF | | \$ | |
| 0250 | 01875 | | STANDARD HEADER CURB | 12.00 | LF | | \$ | |
| 0260 | 01904 | | REMOVE CURB | 64.00 | LF | | \$ | |
| 0270 | 01921 | | STANDARD BARRIER MEDIAN TYPE 4 | 1,995.00 | SQYD | | \$ | |
| 0280 | 01923 | | STANDARD BARRIER MEDIAN TYPE 5 | 263.00 | SQYD | | \$ | |
| 0290 | 01982 | | DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE | 10.00 | EACH | | \$ | |
| 0300 | 01984 | | DELINEATOR FOR BARRIER - WHITE | 31.00 | EACH | | \$ | |
| 0310 | 01985 | | DELINEATOR FOR BARRIER - YELLOW | 38.00 | EACH | | \$ | |
| 0320 | 02003 | | RELOCATE TEMP CONC BARRIER | 400.00 | LF | | \$ | |
| 0330 | 02014 | | BARRICADE-TYPE III | 14.00 | EACH | | \$ | |
| 0340 | 02091 | | REMOVE PAVEMENT | 1,857.00 | SQYD | | \$ | |
| 0350 | 02159 | | TEMP DITCH | 4,250.00 | LF | | \$ | |
| 0360 | 02160 | | CLEAN TEMP DITCH | 2,125.00 | LF | | \$ | |
| 0370 | 02200 | | ROADWAY EXCAVATION | 29,507.00 | CUYD | | \$ | |
| 0380 | 02203 | | STRUCTURE EXCAV-UNCLASSIFIED | 54.00 | CUYD | | \$ | |
| 0390 | 02223 | | GRANULAR EMBANKMENT | 6,800.00 | CUYD | | \$ | |
| 0400 | 02242 | | WATER | 2.00 | MGAL | | \$ | |
| 0410 | 02262 | | FENCE-WOVEN WIRE TYPE 1 | 965.00 | LF | | \$ | |

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| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|-----------|------|-----------|----|-------------|
| 0420 | 02274 | | FENCE-6 FT CHAIN LINK | 1,241.00 | LF | | \$ | |
| 0430 | 02351 | | GUARDRAIL-STEEL W BEAM-S FACE | 898.00 | LF | | \$ | |
| 0440 | 02360 | | GUARDRAIL TERMINAL SECTION NO 1 | 2.00 | EACH | | \$ | |
| 0450 | 02367 | | GUARDRAIL END TREATMENT TYPE 1 | 1.00 | EACH | | \$ | |
| 0460 | 02369 | | GUARDRAIL END TREATMENT TYPE 2A | 2.00 | EACH | | \$ | |
| 0470 | 02381 | | REMOVE GUARDRAIL | 2,407.00 | LF | | \$ | |
| 0480 | 02391 | | GUARDRAIL END TREATMENT TYPE 4A | 1.00 | EACH | | \$ | |
| 0490 | 02429 | | RIGHT-OF-WAY MONUMENT TYPE 1 | 33.00 | EACH | | \$ | |
| 0500 | 02432 | | WITNESS POST | 33.00 | EACH | | \$ | |
| 0510 | 02484 | | CHANNEL LINING CLASS III | 848.00 | TON | | \$ | |
| 0520 | 02545 | | CLEARING AND GRUBBING -24.4 ACRES | 1.00 | LS | | \$ | |
| 0530 | 02555 | | CONCRETE-CLASS B | 537.00 | CUYD | | \$ | |
| 0540 | 02562 | | TEMPORARY SIGNS | 1,506.80 | SQFT | | \$ | |
| 0550 | 02585 | | EDGE KEY | 537.00 | LF | | \$ | |
| 0560 | 02602 | | FABRIC-GEOTEXTILE CLASS 1 | 601.00 | SQYD | | \$ | |
| 0570 | 02603 | | FABRIC-GEOTEXTILE CLASS 2 | 26,534.00 | SQYD | | \$ | |
| 0580 | 02607 | | FABRIC-GEOTEXTILE CLASS 2 FOR PIPE | 8,602.00 | SQYD | \$2.00 | \$ | \$17,204.00 |
| 0590 | 02650 | | MAINTAIN & CONTROL TRAFFIC DIVERSIONS (BY-PASS DETOURS) (B) | 1.00 | LS | | \$ | |
| 0600 | 02651 | | DIVERSIONS (BY-PASS DETOURS) (C) | 1.00 | LS | | \$ | |
| 0610 | 02651 | | DIVERSIONS (BY-PASS DETOURS) (D) | 1.00 | LS | | \$ | |
| 0620 | 02651 | | PORTABLE CHANGEABLE MESSAGE SIGN | 9.00 | EACH | | \$ | |
| 0630 | 02671 | | MOBILIZATION FOR MILL & TEXT | 1.00 | LS | | \$ | |
| 0640 | 02676 | | ASPHALT PAVE MILLING & TEXTURING | 696.00 | TON | | \$ | |
| 0650 | 02677 | | SAFELOADING | 34.00 | CUYD | | \$ | |
| 0660 | 02690 | | TEMP SILT FENCE | 4,250.00 | LF | | \$ | |
| 0670 | 02701 | | SILT TRAP TYPE A | 25.00 | EACH | | \$ | |
| 0680 | 02703 | | SILT TRAP TYPE B | 25.00 | EACH | | \$ | |
| 0690 | 02704 | | SILT TRAP TYPE C | 25.00 | EACH | | \$ | |
| 0700 | 02705 | | CLEAN SILT TRAP TYPE A | 25.00 | EACH | | \$ | |
| 0710 | 02706 | | CLEAN SILT TRAP TYPE B | 25.00 | EACH | | \$ | |
| 0720 | 02707 | | CLEAN SILT TRAP TYPE C | 25.00 | EACH | | \$ | |
| 0730 | 02708 | | SIDEWALK-4 IN CONCRETE | 901.00 | SQYD | | \$ | |
| 0740 | 02720 | | STAKING | 1.00 | LS | | \$ | |
| 0750 | 02726 | | ARROW PANEL | 4.00 | EACH | | \$ | |
| 0760 | 02775 | | RELOCATE CRASH CUSHION | 1.00 | EACH | | \$ | |
| 0770 | 02898 | | CONCRETE BARRIER WALL TYPE 9T | 2,460.00 | LF | | \$ | |
| 0780 | 03171 | | TEMP SIGNAL MULTI PHASE | 4.00 | EACH | | \$ | |
| 0790 | 04934 | | TEMP RELOCATION OF SIGNAL HEAD | 6.00 | EACH | | \$ | |
| 0800 | 04953 | | EROSION CONTROL BLANKET | 5,988.00 | SQYD | | \$ | |
| 0810 | 05950 | | TEMP MULCH | 78,606.00 | SQYD | | \$ | |
| 0820 | 05952 | | TEMP SEEDING AND PROTECTION | 58,954.00 | SQYD | | \$ | |
| 0830 | 05953 | | INITIAL FERTILIZER | 2.00 | TON | | \$ | |
| 0840 | 05963 | | MAINTENANCE FERTILIZER | 4.00 | TON | | \$ | |
| 0850 | 05964 | | SEEDING AND PROTECTION | 67,224.00 | SQYD | | \$ | |
| 0860 | 05985 | | SPECIAL SEEDING CROWN VETCH | 2,099.00 | SQYD | | \$ | |
| 0870 | 05989 | | SODDING | 482.00 | SQYD | | \$ | |
| 0880 | 05990 | | | | | | | |

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|------|------------|-----|--|-----------|------|-----------|----|-------------|
| 0890 | 05992 | | AGRICULTURAL LIMESTONE | 42.00 | TON | | \$ | |
| 0900 | 06510 | | PAVE STRIPING-TEMP PAINT-4 IN | 18,500.00 | LF | | \$ | |
| 0910 | 06511 | | PAVE STRIPING-TEMP PAINT-6 IN | 3,100.00 | LF | | \$ | |
| 0920 | 06530 | | PAVE STRIPING REMOVAL-4 IN | 6,000.00 | LF | | \$ | |
| 0930 | 06542 | | PAVE STRIPING-THERMO-6 IN W | 17,702.00 | LF | | \$ | |
| 0940 | 06543 | | PAVE STRIPING-THERMO-6 IN Y | 10,052.00 | LF | | \$ | |
| 0950 | 06546 | | PAVE STRIPING-THERMO-12 IN W | 3,784.00 | LF | | \$ | |
| 0960 | 06547 | | PAVE STRIPING-THERMO-12 IN Y | 75.00 | LF | | \$ | |
| 0970 | 06550 | | PAVE STRIPING-TEMP REM TAPE-W | 60.00 | LF | | \$ | |
| 0980 | 06551 | | PAVE STRIPING-TEMP REM TAPE-Y | 250.00 | LF | | \$ | |
| 0990 | 06556 | | PAVE STRIPING-DUR TY 1-6 IN W | 336.00 | LF | | \$ | |
| 1000 | 06557 | | PAVE STRIPING-DUR TY 1-6 IN Y | 168.00 | LF | | \$ | |
| 1010 | 06560 | | PAVE STRIPING-DUR TY 1-12 IN W | 84.00 | LF | | \$ | |
| 1020 | 06568 | | PAVE MARKING-THERMO STOP BAR-24IN | 328.00 | LF | | \$ | |
| 1030 | 06573 | | PAVE MARKING-THERMO STR ARROW | 29.00 | EACH | | \$ | |
| 1040 | 06574 | | PAVE MARKING-THERMO CURV ARROW | 55.00 | EACH | | \$ | |
| 1050 | 06576 | | PAVE MARKING-THERMO ONLY | 7.00 | EACH | | \$ | |
| 1060 | 06612 | | INLAID PAVEMENT MARKER-BY | 19.00 | EACH | | \$ | |
| 1070 | 06613 | | INLAID PAVEMENT MARKER-B W/R | 403.00 | EACH | | \$ | |
| 1080 | 06614 | | INLAID PAVEMENT MARKER-B Y/R | 310.00 | EACH | | \$ | |
| 1090 | 08100 | | CONCRETE-CLASS A | 9.00 | CUYD | | \$ | |
| 1100 | 08900 | | CRASH CUSHION TY VI CLASS B TL2 | 2.00 | EACH | | \$ | |
| 1110 | 08901 | | CRASH CUSHION TY VI CLASS BT TL2 | 4.00 | EACH | | \$ | |
| 1120 | 08903 | | CRASH CUSHION TY VI CLASS BT TL3 | 2.00 | EACH | | \$ | |
| 1130 | 10020NS | | FUEL ADJUSTMENT | 57,742.00 | DOLL | \$1.00 | \$ | \$57,742.00 |
| 1140 | 10030NS | | ASPHALT ADJUSTMENT | 82,082.00 | DOLL | \$1.00 | \$ | \$82,082.00 |
| 1150 | 20099ES842 | | PAVE MARK TEMP PAINT STOP BAR | 116.00 | LF | | \$ | |
| 1160 | 20191ED | | OBJECT MARKER TY 3 | 2.00 | EACH | | \$ | |
| 1170 | 20550ND | | SAWCUT PAVEMENT | 7,989.00 | LF | | \$ | |
| 1180 | 21289ED | | LONGITUDINAL EDGE KEY | 5,812.00 | LF | | \$ | |
| 1190 | 21341ND | | BOLLARDS | 10.00 | EACH | | \$ | |
| 1200 | 22520EN | | PAVE MARKING-THERMO YIELD BAR-36 IN | 28.00 | LF | | \$ | |
| 1210 | 23158ES505 | | DETECTABLE WARNINGS | 440.00 | SQFT | | \$ | |
| 1220 | 23261EC | | PAVE MARK-THERMO-X-WALK-24 IN | 643.00 | LF | | \$ | |
| 1230 | 23274EN11F | | TURF REINFORCEMENT MAT 1 | 2,062.00 | SQYD | | \$ | |
| 1240 | 24280EC | | PAVE MARK THERMO CHEVRON-48 IN | 181.00 | LF | | \$ | |
| 1250 | 24459EC | | CONCRETE MEDIAN BARRIER TYPE 9E2 | 1,675.00 | LF | | \$ | |
| 1260 | 24540 | | R/W MONUMENT TYPE 3 | 13.00 | EACH | | \$ | |
| 1270 | 24679ED | | PAVE MARK THERMO CHEVRON | 1,633.00 | SQFT | | \$ | |
| 1280 | 24683ED | | PAVE MARKING-THERMO DOTTED LANE EXTEN | 1,311.00 | LF | | \$ | |
| 1290 | 24814EC | | PIPELINE INSPECTION | 4,071.00 | LF | | \$ | |
| 1300 | 25078ED | | THRIE BEAM GUARDRAIL TRANSITION TL-3 | 2.00 | EACH | | \$ | |

Section: 0003 - DRAINAGE

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|------------------------|----------|------|-----------|----|--------|
| 1310 | 00440 | | ENTRANCE PIPE-15 IN | 52.00 | LF | | \$ | |
| 1320 | 00521 | | STORM SEWER PIPE-15 IN | 2,057.00 | LF | | \$ | |

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| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|------------|-----|--------------------------------------|----------|------|-----------|----|--------|
| 1330 | 00522 | | STORM SEWER PIPE-18 IN | 1,013.00 | LF | | \$ | |
| 1340 | 00524 | | STORM SEWER PIPE-24 IN | 383.00 | LF | | \$ | |
| 1350 | 00526 | | STORM SEWER PIPE-30 IN | 349.00 | LF | | \$ | |
| 1360 | 00528 | | STORM SEWER PIPE-36 IN | 223.00 | LF | | \$ | |
| 1370 | 00556 | | STORM SEWER PIPE-30 IN EQUIV | 46.00 | LF | | \$ | |
| 1380 | 01202 | | PIPE CULVERT HEADWALL-15 IN | 3.00 | EACH | | \$ | |
| 1390 | 01204 | | PIPE CULVERT HEADWALL-18 IN | 1.00 | EACH | | \$ | |
| 1400 | 01208 | | PIPE CULVERT HEADWALL-24 IN | 1.00 | EACH | | \$ | |
| 1410 | 01209 | | PIPE CULVERT HEADWALL-24 IN EQUIV | 1.00 | EACH | | \$ | |
| 1420 | 01210 | | PIPE CULVERT HEADWALL-30 IN | 2.00 | EACH | | \$ | |
| 1430 | 01212 | | PIPE CULVERT HEADWALL-36 IN | 2.00 | EACH | | \$ | |
| 1440 | 01450 | | S & F BOX INLET-OUTLET-18 IN | 4.00 | EACH | | \$ | |
| 1450 | 01452 | | S & F BOX INLET-OUTLET-30 IN | 1.00 | EACH | | \$ | |
| 1460 | 01453 | | S & F BOX INLET-OUTLET-36 IN | 3.00 | EACH | | \$ | |
| 1470 | 01456 | | CURB BOX INLET TYPE A | 24.00 | EACH | | \$ | |
| 1480 | 01490 | | DROP BOX INLET TYPE 1 | 1.00 | EACH | | \$ | |
| 1490 | 01496 | | DROP BOX INLET TYPE 3 | 11.00 | EACH | | \$ | |
| 1500 | 01499 | | DROP BOX INLET TYPE 4 | 2.00 | EACH | | \$ | |
| 1510 | 01544 | | DROP BOX INLET TYPE 11 | 1.00 | EACH | | \$ | |
| 1520 | 01559 | | DROP BOX INLET TYPE 13G | 20.00 | EACH | | \$ | |
| 1530 | 01568 | | DROP BOX INLET TYPE 13S | 3.00 | EACH | | \$ | |
| 1540 | 01580 | | DROP BOX INLET TYPE 15 | 5.00 | EACH | | \$ | |
| 1550 | 01756 | | MANHOLE TYPE A | 1.00 | EACH | | \$ | |
| 1560 | 01761 | | MANHOLE TYPE B | 1.00 | EACH | | \$ | |
| 1570 | 01767 | | MANHOLE TYPE C | 10.00 | EACH | | \$ | |
| 1580 | 03262 | | CLEAN PIPE STRUCTURE | 9.00 | EACH | | \$ | |
| 1590 | 20166ES810 | | TEMPORARY PIPE | 178.00 | LF | | \$ | |
| 1600 | 21588NN | | METAL END SECTION TY 3-30 IN (EQUIV) | 1.00 | EACH | | \$ | |

Section: 0004 - BRIDGE - 28403 OVER BUFFALO RUN

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------------------------|-----------|------|-----------|----|--------|
| 1610 | 02231 | | STRUCTURE GRANULAR BACKFILL | 130.20 | CUYD | | \$ | |
| 1620 | 02403 | | REMOVE CONCRETE MASONRY | 45.70 | CUYD | | \$ | |
| 1630 | 03299 | | ARMORED EDGE FOR CONCRETE | 28.00 | LF | | \$ | |
| 1640 | 08019 | | CYCLOPEAN STONE RIP RAP | 377.00 | TON | | \$ | |
| 1650 | 08033 | | TEST PILES | 128.00 | LF | | \$ | |
| 1660 | 08046 | | PILES-STEEL HP12X53 | 384.00 | LF | | \$ | |
| 1670 | 08094 | | PILE POINTS-12 IN | 8.00 | EACH | | \$ | |
| 1680 | 08100 | | CONCRETE-CLASS A | 18.60 | CUYD | | \$ | |
| 1690 | 08104 | | CONCRETE-CLASS AA | 119.10 | CUYD | | \$ | |
| 1700 | 08151 | | STEEL REINFORCEMENT-EPOXY COATED | 14,174.00 | LB | | \$ | |
| 1710 | 08665 | | PRECAST PC BOX BEAM CB33-48 | 420.00 | LF | | \$ | |
| 1720 | 23378EC | | CONCRETE SEALING | 4,324.00 | SQFT | | \$ | |

Section: 0005 - SEWER - CITY OF SHEPHERDSVILLE

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| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|-------------------------------------|----------|------|-----------|----|--------|
| 1730 | 01310 | | REMOVE PIPE | 695.00 | LF | | \$ | |
| 1740 | 02690 | | SAFELOADING | 31.00 | CUYD | | \$ | |
| 1750 | 15000 | | S BYPASS PUMPING | 5.00 | EACH | | \$ | |
| 1760 | 15025 | | S ENCASEMENT STEEL OPEN CUT RANGE 6 | 823.00 | LF | | \$ | |
| 1770 | 15092 | | S MANHOLE | 10.00 | EACH | | \$ | |
| 1780 | 15093 | | S MANHOLE ABANDON/REMOVE | 8.00 | EACH | | \$ | |
| 1790 | 15094 | | S MANHOLE ADJUST TO GRADE | 1.00 | EACH | | \$ | |
| 1800 | 15099 | | S MANHOLE TAP EXISTING | 4.00 | EACH | | \$ | |
| 1810 | 15112 | | S PIPE PVC 08 INCH | 175.00 | LF | | \$ | |
| 1820 | 15113 | | S PIPE PVC 10 INCH | 2,301.00 | LF | | \$ | |

Section: 0006 - SIGNING

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|--------------------------------|----------|------|-----------|----|--------|
| 1830 | 06400 | | GMSS GALV STEEL TYPE A | 1,346.00 | LB | | \$ | |
| 1840 | 06401 | | FLEXIBLE DELINEATOR POST-M/W | 62.00 | EACH | | \$ | |
| 1850 | 06404 | | FLEXIBLE DELINEATOR POST-M/Y | 58.00 | EACH | | \$ | |
| 1860 | 06405 | | SBM ALUMINUM PANEL SIGNS | 566.00 | SQFT | | \$ | |
| 1870 | 06406 | | SBM ALUM SHEET SIGNS .080 IN | 780.20 | SQFT | | \$ | |
| 1880 | 06407 | | SBM ALUM SHEET SIGNS .125 IN | 798.00 | SQFT | | \$ | |
| 1890 | 06410 | | STEEL POST TYPE 1 | 2,604.00 | LF | | \$ | |
| 1900 | 06441 | | GMSS GALV STEEL TYPE C | 4,551.00 | LB | | \$ | |
| 1910 | 06448 | | SIGN BRIDGE ATTACHMENT BRACKET | 2.00 | EACH | | \$ | |
| 1920 | 06451 | | REMOVE SIGN SUPPORT BEAM | 4.00 | EACH | | \$ | |
| 1930 | 06490 | | CLASS A CONCRETE FOR SIGNS | 54.00 | CUYD | | \$ | |
| 1940 | 06491 | | STEEL REINFORCEMENT FOR SIGNS | 1,320.00 | LB | | \$ | |
| 1950 | 20418ED | | REMOVE & RELOCATE SIGNS | 8.00 | EACH | | \$ | |
| 1960 | 20912ND | | BARRIER WALL POST | 2.00 | EACH | | \$ | |
| 1970 | 21596ND | | GMSS TYPE D | 163.00 | EACH | | \$ | |
| 1980 | 24631EC | | BARCODE SIGN INVENTORY | 230.00 | EACH | | \$ | |

Section: 0007 - SIGNALS

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|------------|-----|--------------------------------|-----------|------|-----------|----|--------|
| 1990 | 04780 | | FUSED CONNECTOR KIT | 49.00 | EACH | | \$ | |
| 2000 | 04795 | | CONDUIT-2 IN | 2,043.00 | LF | | \$ | |
| 2010 | 04811 | | ELECTRICAL JUNCTION BOX TYPE B | 2.00 | EACH | | \$ | |
| 2020 | 04820 | | TRENCHING AND BACKFILLING | 1,583.00 | LF | | \$ | |
| 2030 | 04836 | | WIRE-NO. 2 | 438.00 | LF | | \$ | |
| 2040 | 04844 | | CABLE-NO. 14/5C | 11,117.00 | LF | | \$ | |
| 2050 | 04845 | | CABLE-NO. 14/7C | 6,625.00 | LF | | \$ | |
| 2060 | 04871 | | POLE 35 FT WOODEN | 1.00 | EACH | | \$ | |
| 2070 | 04881 | | MAST ARM POLE | 8.00 | EACH | | \$ | |
| 2080 | 04884 | | ANCHOR | 5.00 | EACH | | \$ | |
| 2090 | 04885 | | MESSENGER-10800 LB | 282.00 | LF | | \$ | |
| 2100 | 04932 | | INSTALL STEEL STRAIN POLE | 1.00 | EACH | | \$ | |
| 2110 | 20093NS835 | | INSTALL PEDESTRIAN HEAD-LED | 12.00 | EACH | | \$ | |

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|------|------------|-----|----------------------------------|----------|------|-----------|----|--------|
| 2120 | 20188NS835 | | INSTALL LED SIGNAL-3 SECTION | 32.00 | EACH | | \$ | |
| 2130 | 20266ES835 | | INSTALL LED SIGNAL- 4 SECTION | 2.00 | EACH | | \$ | |
| 2140 | 20275EC | | VIDEO DETECTION-INSTALL | 8.00 | EACH | | \$ | |
| 2150 | 20390NS835 | | INSTALL COORDINATING UNIT | 1.00 | EACH | | \$ | |
| 2160 | 20391NS835 | | ELECTRICAL JUNCTION BOX TYPE A | 6.00 | EACH | | \$ | |
| 2170 | 20392NS835 | | ELECTRICAL JUNCTION BOX TYPE C | 5.00 | EACH | | \$ | |
| 2180 | 21543EN | | BORE AND JACK CONDUIT | 1,417.00 | LF | | \$ | |
| 2190 | 21743NN | | INSTALL PEDESTRIAN DETECTOR | 12.00 | EACH | | \$ | |
| 2200 | 22939ND | | INSTALL LUMINAIRE POLE | 3.00 | EACH | | \$ | |
| 2210 | 23157EN | | TRAFFIC SIGNAL POLE BASE | 34.00 | CUYD | | \$ | |
| 2220 | 23222EC | | INSTALL SIGNAL PEDESTAL | 9.00 | EACH | | \$ | |
| 2230 | 23235EC | | INSTALL PEDESTAL POST | 2.00 | EACH | | \$ | |
| 2250 | 24488ED | | INSTALL MAST ARM MOUNTED SIGN | 22.00 | EACH | | \$ | |
| 2260 | 24900EC | | PVC CONDUIT-1 1/4 IN-SCHEDULE 80 | 372.00 | LF | | \$ | |
| 2270 | 24901EC | | PVC CONDUIT-2 IN-SCHEDULE 80 | 2,855.00 | LF | | \$ | |
| 2280 | 24908EC | | INSTALL SIGNAL CONTROLLER-TY ATC | 1.00 | EACH | | \$ | |
| 2290 | 24955ED | | REMOVE SIGNAL EQUIPMENT | 3.00 | EACH | | \$ | |

Section: 0008 - LIGHTING

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|------------|-----|----------------------------------|-----------|------|-----------|----|--------|
| 2300 | 04701 | | POLE 40 FT MTG HT | 6.00 | EACH | | \$ | |
| 2310 | 04710 | | POLE 80 FT MTG HT HIGH MAST | 11.00 | EACH | | \$ | |
| 2320 | 04725 | | BRACKET 15 FT | 6.00 | EACH | | \$ | |
| 2330 | 04740 | | POLE BASE | 6.00 | EACH | | \$ | |
| 2340 | 04742 | | POLE BASE-HIGH MAST | 11.00 | EACH | | \$ | |
| 2350 | 04750 | | TRANSFORMER BASE | 6.00 | EACH | | \$ | |
| 2360 | 04761 | | LIGHTING CONTROL EQUIPMENT | 2.00 | EACH | | \$ | |
| 2370 | 04780 | | FUSED CONNECTOR KIT | 26.00 | EACH | | \$ | |
| 2380 | 04795 | | CONDUIT-2 IN | 647.00 | LF | | \$ | |
| 2390 | 04797 | | CONDUIT-3 IN | 3,282.00 | LF | | \$ | |
| 2400 | 04800 | | MARKER | 21.00 | EACH | | \$ | |
| 2410 | 04820 | | TRENCHING AND BACKFILLING | 7,211.00 | LF | | \$ | |
| 2420 | 04832 | | WIRE-NO. 12 | 990.00 | LF | | \$ | |
| 2430 | 04940 | | REMOVE LIGHTING | 1.00 | LS | | \$ | |
| 2440 | 20391NS835 | | ELECTRICAL JUNCTION BOX TYPE A | 10.00 | EACH | | \$ | |
| 2450 | 20392NS835 | | ELECTRICAL JUNCTION BOX TYPE C | 6.00 | EACH | | \$ | |
| 2460 | 20410ED | | MAINTAIN LIGHTING | 1.00 | LS | | \$ | |
| 2470 | 21543EN | | BORE AND JACK CONDUIT | 1,896.00 | LF | | \$ | |
| 2480 | 23778EC | | WIRE-NO. 10 | 5,118.00 | LF | | \$ | |
| 2490 | 24589ED | | LED LUMINAIRE | 3.00 | EACH | | \$ | |
| 2500 | 24749EC | | HIGH MAST LED LUMINAIRE | 53.00 | EACH | | \$ | |
| 2510 | 24851EC | | CABLE-NO. 10/3C DUCTED | 12,815.00 | LF | | \$ | |
| 2520 | 24900EC | | PVC CONDUIT-1 1/4 IN-SCHEDULE 80 | 743.00 | LF | | \$ | |
| 2530 | 24901EC | | PVC CONDUIT-2 IN-SCHEDULE 80 | 175.00 | LF | | \$ | |

Section: 0009 - INTELLIGENT TRANSPORTATION SYSTEMS

PROPOSAL BID ITEMS

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Report Date 3/15/23

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|------------|-----|--------------------------------|----------|------|-----------|----|--------|
| 2540 | 04795 | | CONDUIT-2 IN | 650.00 | LF | | \$ | |
| 2550 | 04820 | | TRENCHING AND BACKFILLING | 460.00 | LF | | \$ | |
| 2560 | 04836 | | WIRE-NO. 2 | 1,950.00 | LF | | \$ | |
| 2570 | 04899 | | ELECTRICAL SERVICE | 1.00 | EACH | | \$ | |
| 2580 | 20257NC | | SITE PREPARATION | 1.00 | LS | | \$ | |
| 2590 | 20391NS835 | | ELECTRICAL JUNCTION BOX TYPE A | 4.00 | EACH | | \$ | |
| 2600 | 21065ND | | MODEL 334 ENCLOSURE | 1.00 | EACH | | \$ | |
| 2610 | 21071ND | | DATA SURGE DEVICE | 1.00 | EACH | | \$ | |
| 2620 | 21489ND | | RACK MOUNTED UPS | 1.00 | EACH | | \$ | |
| 2630 | 21543EN | | BORE AND JACK CONDUIT | 190.00 | LF | | \$ | |
| 2640 | 22403NN | | WEB CAMERA ASSEMBLY | 1.00 | EACH | | \$ | |
| 2650 | 23150NN | | COMMUNICATION CABLE | 40.00 | LF | | \$ | |
| 2660 | 23151NN | | POLE WITH LOWERING DEVICE | 1.00 | EACH | | \$ | |
| 2670 | 23161EN | | POLE BASE-HIGH MAST | 9.77 | CUYD | | \$ | |
| 2680 | 23944EC | | ADVANCED GROUNDING SYSTEM | 1.00 | EACH | | \$ | |

Section: 0010 - WATERLINE - LOUISVILLE WATER

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|-------------------------------------|----------|------|-----------|----|--------|
| 2690 | 14002 | | W AIR RELEASE VALVE SPECIAL | 3.00 | EACH | | \$ | |
| 2700 | 14011 | | W ENCASEMENT STEEL BORED RANGE 6 | 55.00 | LF | | \$ | |
| 2710 | 14017 | | W ENCASEMENT STEEL OPEN CUT RANGE 6 | 175.00 | LF | | \$ | |
| 2720 | 14020 | | W FIRE HYDRANT RELOCATE | 3.00 | EACH | | \$ | |
| 2730 | 14023 | | W FLUSHING ASSEMBLY | 1.00 | EACH | | \$ | |
| 2740 | 14030 | | W METER RELOCATE | 1.00 | EACH | | \$ | |
| 2750 | 14030 | | W METER RELOCATE (MODIFIED) | 1.00 | EACH | | \$ | |
| 2760 | 14036 | | W PIPE DUCTILE IRON 06 INCH | 56.00 | LF | | \$ | |
| 2770 | 14051 | | W PIPE DCTL IRON RSTRND JOINT 16 IN | 1,706.00 | LF | | \$ | |
| 2780 | 14059 | | W PIPE PVC 06 INCH | 310.00 | LF | | \$ | |
| 2790 | 14062 | | W PIPE PVC 12 INCH | 14.00 | LF | | \$ | |
| 2800 | 14074 | | W PLUG EXISTING MAIN | 12.00 | EACH | | \$ | |
| 2810 | 14094 | | W TIE-IN 06 INCH | 3.00 | EACH | | \$ | |
| 2820 | 14097 | | W TIE-IN 12 INCH | 1.00 | EACH | | \$ | |
| 2830 | 14098 | | W TIE-IN 16 INCH | 11.00 | EACH | | \$ | |
| 2840 | 14105 | | W VALVE 06 INCH | 2.00 | EACH | | \$ | |
| 2850 | 14108 | | W VALVE 12 INCH | 2.00 | EACH | | \$ | |
| 2860 | 14109 | | W VALVE 16 INCH | 7.00 | EACH | | \$ | |
| 2870 | 14124 | | W VALVE SPECIAL | 1.00 | EACH | | \$ | |

Section: 0011 - PIPE UNDERDRAIN

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|------------------------------|----------|------|-----------|----|--------|
| 2880 | 01020 | | PERF PIPE HEADWALL TY 1-4 IN | 2.00 | EACH | | \$ | |
| 2890 | 01028 | | PERF PIPE HEADWALL TY 3-4 IN | 3.00 | EACH | | \$ | |

231315

PROPOSAL BID ITEMS

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Report Date 3/15/23

Section: 0012 - DEMOBILIZATION & MOBILIZATION

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 2900 | 02568 | | MOBILIZATION | 1.00 | LS | | \$ | |
| 2910 | 02569 | | DEMOBILIZATION | 1.00 | LS | | \$ | |

| | | |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO. | SHEET NO. |
| BULLITT | 5-0391.30 | T34 |

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

| ITEM CODE | ITEM | UNIT | KY 1-69 | KY 480 | ALPHA WAY | TOTAL |
|------------|--|-------|---------|--------|-----------|-------|
| 4780 | FUSED CONNECTOR KIT | EACH | 49 | - | - | 49 |
| 4795 | CONDUIT - 2 INCH | LN FT | 2043 | - | - | 2043 |
| 4811 | ELECTRICAL JUNCTION BOX TYPE B | EACH | 2 | - | - | 2 |
| 4820 | TRENCHING AND BACKFILLING | LN FT | 1583 | - | - | 1583 |
| 4836 | WIRE - NO. 2 ② | LN FT | 438 | - | - | 438 |
| 4844 | CABLE - NO. 14/5C | LN FT | 10478 | 639 | - | 11117 |
| 4845 | CABLE - NO. 14/7C | LN FT | 6625 | - | - | 6625 |
| 4871 | POLE 35' WOODEN | EACH | 1 | - | - | 1 |
| 4881 | MAST ARM POLE | EACH | 8 | - | - | 8 |
| 4884 | ANCHOR | EACH | 1 | 4 | - | 5 |
| 4885 | MESSENGER - 10800 LB | LN FT | - | 282 | - | 282 |
| 4932 | INSTALL STEEL STRAIN POLE | EACH | - | 1 | - | 1 |
| 24955ED | REMOVE SIGNAL EQUIPMENT ① | EACH | 2 | 1 | - | 3 |
| 20093NS835 | INSTALL PEDESTRIAN HEAD LED | EACH | 12 | - | - | 12 |
| 20188NS835 | INSTALL SIGNAL - 3 SECTION LED | EACH | 29 | 3 | - | 32 |
| 20266ES835 | INSTALL SIGNAL - 4 SECTION LED | EACH | - | 2 | - | 2 |
| 20275EC | VIDEO DETECTION - INSTALL | EACH | 8 | - | - | 8 |
| 20390NS835 | INSTALL COORDINATING UNIT | EACH | 1 | - | - | 1 |
| 20391NS835 | ELECTRICAL JUNCTION BOX TYPE A | EACH | 6 | - | - | 6 |
| 20392NS835 | ELECTRICAL JUNCTION BOX TYPE C | EACH | 5 | - | - | 5 |
| 21543EN | BORE AND JACK CONDUIT | LN FT | 1417 | - | - | 1417 |
| 21743NN | INSTALL PEDESTRIAN DETECTOR | EACH | 12 | - | - | 12 |
| 22939ND | INSTALL LUMINAIRE POLE | EACH | 3 | - | - | 3 |
| 23157EN | TRAFFIC SIGNAL POLE BASE | CU YD | 29.5 | 4.5 | - | 34.0 |
| 23222EC | INSTALL SIGNAL PEDESTAL | EACH | 9 | - | - | 9 |
| 23235EC | INSTALL PEDESTAL POST | EACH | 2 | - | - | 2 |
| 24488ED | INSTALL MAST ARM MOUNTED SIGN | EACH | 22 | - | - | 22 |
| 24900EC | PVC CONDUIT - 1 1/4 INCH - SCHEDULE 80 | LN FT | 372 | - | - | 372 |
| 24901EC | PVC CONDUIT - 2 INCH - SCHEDULE 80 | LN FT | 2855 | - | - | 2855 |
| 24908EC | INSTALL SIGNAL CONTROLLER-TY ATC | EACH | 1 | - | - | 1 |

- ① SIGNAL EQUIPMENT REMOVAL AT ALPHA WAY IS FOR REMOVAL OF 1-STEEL STRAIN POLE, 5-SIGNAL HEADS, MESSENGER WIRE & CABLE.
- ② #2 WIRE FOR ITS INSTALLATION FROM SERVICE POLE TO PEDESTAL POST *B*



DESIGNED BY: MATHEW VAN DER MEER
DATE SUBMITTED: 03-13-2023

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

BULLITT

00STP 5119 (016)
PROJECT NUMBERS: FD52 015 0480 000-002

TRAFFIC SIGNAL
ESTIMATE OF QUANTITIES

TRAFFIC SIGNAL ESTIMATE OF QUANTITIES

| ITEM CODE | ITEM | UNIT | KY 1-69-80 | KY 480 ALPHA WAY | TOTAL |
|------------|--|-------|------------|------------------|-------|
| 4780 | FUSED CONNECTOR KIT | EACH | 49 | - | 49 |
| 4795 | CONDUIT - 2 INCH | LN FT | 2043 | - | 2043 |
| 4811 | ELECTRICAL JUNCTION BOX TYPE B | EACH | 2 | - | 2 |
| 4820 | TRENCHING AND BACKFILLING | LN FT | 1583 | - | 1583 |
| 4836 | WIRE - NO. 2 ② | LN FT | 438 | - | 438 |
| 4844 | CABLE - NO. 14/5C | LN FT | 10478 | 639 | 11117 |
| 4845 | CABLE - NO. 14/7C | LN FT | 6625 | - | 6625 |
| 4871 | POLE 35' WOODEN | EACH | 1 | - | 1 |
| 4881 | MAST ARM POLE | EACH | 8 | - | 8 |
| 4884 | ANCHOR | EACH | 1 | 4 | 5 |
| 4885 | MESSENGER - 10800 LB | LN FT | - | 282 | 282 |
| 4932 | INSTALL STEEL STRAIN POLE | EACH | - | 1 | 1 |
| 24955ED | REMOVE SIGNAL EQUIPMENT ① | EACH | 2 | 1 | 3 |
| 20093NS835 | INSTALL PEDESTRIAN HEAD LED | EACH | 12 | - | 12 |
| 20188NS835 | INSTALL SIGNAL - 3 SECTION LED | EACH | 29 | 3 | 32 |
| 20266ES835 | INSTALL SIGNAL - 4 SECTION LED | EACH | - | 2 | 2 |
| 20275EC | VIDEO DETECTION - INSTALL | EACH | 8 | - | 8 |
| 20390NS835 | INSTALL COORDINATING UNIT | EACH | 1 | - | 1 |
| 20391NS835 | ELECTRICAL JUNCTION BOX TYPE A | EACH | 6 | - | 6 |
| 20392NS835 | ELECTRICAL JUNCTION BOX TYPE C | EACH | 5 | - | 5 |
| 21543EN | BORE AND JACK CONDUIT | LN FT | 1417 | - | 1417 |
| 21743NN | INSTALL PEDESTRIAN DETECTOR | EACH | 12 | - | 12 |
| 22939ND | INSTALL LUMINAIRE POLE | EACH | 3 | - | 3 |
| 23157EN | TRAFFIC SIGNAL POLE BASE | CU YD | 29.5 | 4.5 | 34.0 |
| 23222EC | INSTALL SIGNAL - PEDESTAL | EACH | 8 | - | 8 |
| 23235EC | INSTALL PEDESTAL POST | EACH | 2 | - | 2 |
| 24488ED | INSTALL MAST ARM MOUNTED SIGN | EACH | 22 | - | 22 |
| 24900EC | PVC CONDUIT - 1 1/4 INCH - SCHEDULE 80 | LN FT | 372 | - | 372 |
| 24901EC | PVC CONDUIT - 2 INCH - SCHEDULE 80 | LN FT | 2855 | - | 2855 |
| 24908EC | INSTALL SIGNAL CONTROLLER-TY ATC | EACH | 1 | - | 1 |

23670EC
 Removed

- ① SIGNAL EQUIPMENT REMOVAL AT ALPHA WAY IS FOR REMOVAL OF 1-STEEL STRAIN POLE, 5-SIGNAL HEADS, MESSENGER WIRE & CABLE.
- ② #2 WIRE FOR ITS INSTALLATION FROM SERVICE POLE TO PEDESTAL POST *B*



DESIGNED BY: MATHEW VAN DER MEER
 DATE SUBMITTED: 03-13-2023

Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS
 COUNTY OF

BULLITT

00STP 5119 (016)
 PROJECT NUMBERS: FD52 015 0480 000-002

TRAFFIC SIGNAL
 ESTIMATE OF QUANTITIES