



Engineering Department

DATE: March 12, 2024

FROM: Gabe Schell, City Engineer

ITEM: Centennial Rd/Bismarck Expy Interchange Reconstruction project, IM-NHU-1-094(212)161), PCN 22648, City project HC 132.

REQUEST:

Consider approval of award concurrence of North Dakota Department of Transportation (NDDOT) Centennial Rd/Bismarck Expy Interchange Reconstruction project, IM-NHU-1-094(212)161), PCN 22648, City project HC 132.

BACKGROUND INFORMATION:

The project consists of the reconstruction of the I-94 Exit 161 interchange. The NDDOT received bids on March 1, 2024, and a bid tabulation is attached. There was one bidder with the low bid submitted by Ames Construction in the amount of \$47,498,076.05.

The Board of City Commissioners approved the Cost Participation and Maintenance agreement with NDDOT for HC 132 at their [January 23, 2024](#), meeting. The estimated City cost share based on the bid amounts per the NDDOT's March 1, 2024, letter is \$791,526.19. The City will also initiate a separate project to connect the traffic signals installed as part of the NDDOT's project to our traffic signal network by pulling a fiber optic communication line into the Miriam Fire Station.

The City funding source of sales tax was identified in the 2023 and 2024 budget. However, cumulatively, only \$625,000 has been appropriated. An additional budget authorization of \$275,000 of sales tax funding is requested to fund the additional City cost share and the separate project to connect the traffic signals to the Miriam Fire Station.

RECOMMENDED CITY COMMISSION ACTION:

Concur with North Dakota Department of Transportation in the award of the Centennial Rd/Bismarck Expy Interchange Reconstruction project, IM-NHU-1-094(212)161), PCN 22648, City project HC 132.

Approve a budget authorization of an additional \$275,000 in sales tax funds for the local match and separate traffic signal fiber interconnect project.

STAFF CONTACT INFORMATION:

Gabe Schell, City Engineer, 701-355-1507, gschell@bismarcknd.gov

ATTACHMENTS:

1. NDDOT Award Concurrence

March 1, 2024

Gabe Schell
City Engineer
221 N 5th Street
Bismarck, ND 58506

PROJECTS: IM-NHU-1-094(212)161, PCN 22648 – CENTENNIAL RD/BIS EXP INTERCHANGE

Bids for the construction on the above noted project were taken at our bid opening of March 1, 2024. A copy of the Contract Detail Estimate and Abstract of Bids are enclosed.

The low bid for Grading, Aggregate Base, PCC Pavement, HMA Pavement, Structure Removal & Replacement, Sidewalk, Retaining Wall, Storm Sewer, Culverts, Signing, Pavement Marking, Traffic Signals, Lighting, Guardrail was submitted by Ames Construction of Burnsville, MN in the amount of \$47,498,076.05. According to the agreement with the City of Bismarck, the City's share of project **IM-NHU-1-094(212)161** is estimated to be \$791,526.19. See contract detail estimates for cost breakdown and limits.

Before we can award to the low bidder, we need the City of Bismarck to **concur**, in writing, in the estimated amount before March 12, 2024, if possible.

Questions should be addressed to the Construction Services Division at 701-328-2566.

Sincerely,



Phillip Murdoff, PE
Construction Services Engineer

80/pm/jmm
Enclosure

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Contract with **AMES CONSTRUCTION INC BURNSVILLE, MN**

Signed Date:

County(s): **BURLEIGH**

Location: **I-94 JCT BUS 94 (BISMARCK EXPRESSWAY) & CENTENNIAL RD - BISMARCK**

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

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English/Metric: **ENGLISH**

Roadway: **URBAN**

I94E000M RP 161.125 (161.1285) TO RP 161.608 (161.6122)EB
I94W000M RP 160.862 (160.8053) TO RP 161.615 (161.5486)WB

Type: **GRADING, AGGREGATE BASE, PCC PAVEMENT, HMA PAVEMENT, SIDEWALK, STORM SEWER, CULVERTS, SIGNING, PAVEMENT MARKING, TRAFFIC SIGNALS, LIGHTING, GUARDRAIL AND INCIDENTALS**

Participating: **Y**

| Spec Code | Item Description | Quantity | Unit | Unit Price | Amount |
|-----------|--|-------------|-------|----------------|----------------|
| 103 0100 | CONTRACT BOND | 0.610 | L SUM | \$315,000.00 | \$192,150.00 |
| 103 0200 | ESCROW OF BID DOCUMENTATION | 0.610 | L SUM | \$5,000.00 | \$3,050.00 |
| 108 0001 | CRITICAL PATH METHOD SCHEDULE | 0.610 | L SUM | \$25,000.00 | \$15,250.00 |
| 109 1000 | E-TICKETING | 0.610 | L SUM | \$20,000.00 | \$12,200.00 |
| 201 0352 | REMOVAL OF TREES & BRUSH | 1.000 | L SUM | \$80,000.00 | \$80,000.00 |
| 201 0370 | REMOVAL OF TREES 10IN | 10.000 | EA | \$850.00 | \$8,500.00 |
| 201 0380 | REMOVAL OF TREES 18IN | 4.000 | EA | \$1,000.00 | \$4,000.00 |
| 202 0136 | REMOVAL OF PAVEMENT | 50,401.000 | TON | \$18.00 | \$907,218.00 |
| 202 0169 | REMOVAL OF END SECTION-ALL TYPES & SIZES | 3.000 | EA | \$500.00 | \$1,500.00 |
| 202 0174 | REMOVAL OF PIPE ALL TYPES AND SIZES | 1,936.000 | LF | \$30.00 | \$58,080.00 |
| 202 0230 | REMOVAL OF INLETS | 6.000 | EA | \$800.00 | \$4,800.00 |
| 202 0310 | REMOVAL OF CHAIN LINK FENCE | 392.000 | LF | \$3.50 | \$1,372.00 |
| 203 0101 | COMMON EXCAVATION-TYPE A | 110,905.000 | CY | \$11.00 | \$1,219,955.00 |
| 203 0109 | TOPSOIL | 25,784.000 | CY | \$10.00 | \$257,840.00 |
| 203 0113 | COMMON EXCAVATION-WASTE | 81,913.000 | CY | \$15.00 | \$1,228,695.00 |
| 203 0140 | BORROW-EXCAVATION | 171,467.000 | CY | \$17.00 | \$2,914,939.00 |
| 203 0196 | EMBANKMENT-TYPE B | 1.000 | EA | \$20,000.00 | \$20,000.00 |
| 216 0100 | WATER | 4,072.000 | M GAL | \$40.00 | \$162,880.00 |
| 220 0100 | PREPARE STOCKPILE SITE | 1.000 | L SUM | \$50,000.00 | \$50,000.00 |
| 220 0200 | RESTORE STOCKPILE SITE | 1.000 | L SUM | \$30,000.00 | \$30,000.00 |
| 251 0200 | SEEDING CLASS II | 24.000 | ACRE | \$370.00 | \$8,880.00 |
| 251 2000 | TEMPORARY COVER CROP | 25.100 | ACRE | \$325.00 | \$8,157.50 |
| 253 0051 | SOIL STABILIZER | 25.100 | ACRE | \$725.00 | \$18,197.50 |
| 253 0201 | HYDRAULIC MULCH | 24.000 | ACRE | \$2,400.00 | \$57,600.00 |
| 255 0102 | ECB TYPE 2 | 535.000 | SY | \$4.00 | \$2,140.00 |
| 260 0100 | SILT FENCE UNSUPPORTED | 902.000 | LF | \$3.00 | \$2,706.00 |
| 260 0101 | REMOVE SILT FENCE UNSUPPORTED | 902.000 | LF | \$1.25 | \$1,127.50 |
| 261 0112 | FIBER ROLLS 12IN | 26,004.000 | LF | \$3.00 | \$78,012.00 |
| 261 0113 | REMOVE FIBER ROLLS 12IN | 14,671.000 | LF | \$0.95 | \$13,937.45 |
| 302 0100 | SALVAGED BASE COURSE | 50,592.000 | TON | \$28.00 | \$1,416,576.00 |
| 401 0050 | TACK COAT | 2,108.000 | GAL | \$3.00 | \$6,324.00 |
| 401 0060 | PRIME COAT | 14,027.000 | GAL | \$8.00 | \$112,216.00 |
| 401 0160 | BLOTTER MATERIAL CL 44 | 338.000 | TON | \$73.00 | \$24,674.00 |
| 430 0045 | SUPERPAVE FAA 45 | 5,958.000 | TON | \$110.00 | \$655,380.00 |
| 430 0500 | COMMERCIAL GRADE HOT MIX ASPHALT | 3,240.000 | TON | \$145.00 | \$469,800.00 |
| 430 1000 | CORED SAMPLE | 22.000 | EA | \$180.00 | \$3,960.00 |
| 430 5818 | PG 58H-34 ASPHALT CEMENT | 357.000 | TON | \$690.00 | \$246,330.00 |
| 550 0305 | 9IN NON-REINF CONCRETE PVMT CL AE-DOWELED | 23,276.000 | SY | \$97.00 | \$2,257,772.00 |
| 550 0310 | 10IN NON REINF CONCRETE PVMT CL AE-DOWELED | 10,526.000 | SY | \$105.00 | \$1,105,230.00 |
| 550 1013 | 3IN EXPANSION JOINT | 236.800 | LF | \$480.00 | \$113,664.00 |
| 550 1031 | CONCRETE SLEEPER SLAB | 184.000 | SY | \$230.00 | \$42,320.00 |
| 602 1200 | JERSEY BARRIER FORMED OR SLIP FORMED | 67.000 | LF | \$900.00 | \$60,300.00 |
| 702 0100 | MOBILIZATION | 0.610 | L SUM | \$3,570,000.00 | \$2,177,700.00 |

North Dakota **FEDERAL AID**Bid Opening Date: **3/1/2024**Project Number: **IM-NHU-1-094(212)161**PCN: **22648**Job Number: **22648**English/Metric: **ENGLISH**

| Spec | Code | Item Description | Quantity | Unit | Unit Price | Amount |
|------|------|---|------------|------|--------------|--------------|
| 704 | 0100 | FLAGGING | 4,500.000 | MHR | \$85.00 | \$382,500.00 |
| 704 | 1000 | TRAFFIC CONTROL SIGNS | 6,050.000 | UNIT | \$6.00 | \$36,300.00 |
| 704 | 1035 | ATTENUATION DEVICE-TYPE B-25 | 2.000 | EA | \$5,100.00 | \$10,200.00 |
| 704 | 1037 | ATTENUATION DEVICE-TYPE B-35 | 2.000 | EA | \$5,100.00 | \$10,200.00 |
| 704 | 1045 | ATTENUATION DEVICE-TYPE B-75 | 7.000 | EA | \$7,200.00 | \$50,400.00 |
| 704 | 1052 | TYPE III BARRICADE | 21.000 | EA | \$215.00 | \$4,515.00 |
| 704 | 1054 | SIDEWALK BARRICADE | 1.000 | EA | \$110.00 | \$110.00 |
| 704 | 1058 | PEDESTRIAN WALKWAY | 838.000 | LF | \$18.00 | \$15,084.00 |
| 704 | 1060 | DELINEATOR DRUMS | 343.000 | EA | \$38.00 | \$13,034.00 |
| 704 | 1067 | TUBULAR MARKERS | 178.000 | EA | \$17.00 | \$3,026.00 |
| 704 | 1072 | FLEXIBLE DELINEATORS | 275.000 | EA | \$30.00 | \$8,250.00 |
| 704 | 1080 | STACKABLE VERTICAL PANELS | 34.000 | EA | \$50.00 | \$1,700.00 |
| 704 | 1087 | SEQUENCING ARROW PANEL-TYPE C | 7.000 | EA | \$1,900.00 | \$13,300.00 |
| 704 | 1150 | TEMPORARY TRAFFIC SIGNALS | 2.000 | EA | \$120,000.00 | \$240,000.00 |
| 704 | 1500 | OBLITERATION OF PAVEMENT MARKING | 3,012.000 | SF | \$2.00 | \$6,024.00 |
| 704 | 2108 | TEMPORARY CURB RAMP | 3.000 | EA | \$320.00 | \$960.00 |
| 704 | 3511 | STATE FURNISHED MEDIAN BARRIER | 4,130.000 | LF | \$70.00 | \$289,100.00 |
| 704 | 4011 | PORTABLE CHANGEABLE MESSAGE SIGN | 4.000 | EA | \$15,000.00 | \$60,000.00 |
| 706 | 0500 | AGGREGATE LABORATORY | 1.000 | EA | \$30,000.00 | \$30,000.00 |
| 706 | 0550 | BITUMINOUS LABORATORY | 1.000 | EA | \$15,000.00 | \$15,000.00 |
| 706 | 0600 | CONTRACTOR'S LABORATORY | 1.000 | EA | \$10,000.00 | \$10,000.00 |
| 708 | 1540 | INLET PROTECTION-SPECIAL | 10.000 | EA | \$20.00 | \$200.00 |
| 708 | 1541 | REMOVE INLET PROTECTION-SPECIAL | 10.000 | EA | \$25.00 | \$250.00 |
| 709 | 0100 | GEOSYNTHETIC MATERIAL TYPE G | 73,437.000 | SY | \$3.50 | \$257,029.50 |
| 714 | 0310 | PIPE CONC REINF 18IN CL III | 28.000 | LF | \$250.00 | \$7,000.00 |
| 714 | 0615 | PIPE CONC REINF 24IN CL III | 8.000 | LF | \$440.00 | \$3,520.00 |
| 714 | 0905 | PIPE CONC REINF 36IN CL III | 148.000 | LF | \$490.00 | \$72,520.00 |
| 714 | 1310 | PIPE CONC REINF 60IN CL III | 18.000 | LF | \$1,160.00 | \$20,880.00 |
| 714 | 3013 | END SECT-TRAVERSABLE REINF. CONC.18IN | 1.000 | EA | \$1,450.00 | \$1,450.00 |
| 714 | 3036 | END SECT-TRAVERSABLE REINF. CONC.36IN | 2.000 | EA | \$3,000.00 | \$6,000.00 |
| 714 | 4090 | PIPE CONDUIT 12IN | 388.000 | LF | \$140.00 | \$54,320.00 |
| 714 | 4097 | PIPE CONDUIT 15IN-STORM DRAIN | 516.000 | LF | \$180.00 | \$92,880.00 |
| 714 | 4100 | PIPE CONDUIT 18IN | 84.000 | LF | \$255.00 | \$21,420.00 |
| 714 | 4101 | PIPE CONDUIT 18IN-STORM DRAIN | 144.000 | LF | \$255.00 | \$36,720.00 |
| 714 | 4105 | PIPE CONDUIT 24IN | 124.000 | LF | \$275.00 | \$34,100.00 |
| 714 | 4107 | PIPE CONDUIT 24IN-STORM DRAIN | 503.000 | LF | \$275.00 | \$138,325.00 |
| 714 | 4110 | PIPE CONDUIT 30IN | 86.000 | LF | \$335.00 | \$28,810.00 |
| 714 | 4115 | PIPE CONDUIT 36IN | 120.000 | LF | \$500.00 | \$60,000.00 |
| 714 | 4124 | PIPE CONDUIT 36IN-JACKED OR BORED | 84.000 | LF | \$900.00 | \$75,600.00 |
| 714 | 4166 | PIPE CONDUIT 30IN-JACKED OR BORED | 64.000 | LF | \$1,100.00 | \$70,400.00 |
| 714 | 9660 | REMOVE & RELAY END SECTION-ALL TYPE & SIZES | 8.000 | EA | \$2,200.00 | \$17,600.00 |
| 714 | 9680 | PLUG PIPE-ALL TYPES & SIZES | 9.000 | EA | \$950.00 | \$8,550.00 |
| 720 | 0110 | RIGHT OF WAY MARKERS | 8.000 | EA | \$165.00 | \$1,320.00 |
| 720 | 0125 | ALIGNMENT MONUMENTS | 67.000 | EA | \$100.00 | \$6,700.00 |
| 720 | 0130 | IRON PIN R/W MONUMENTS | 8.000 | EA | \$55.00 | \$440.00 |
| 722 | 3490 | CASTING MOUNTABLE CURB-TYPE B | 11.000 | EA | \$2,350.00 | \$25,850.00 |
| 722 | 3510 | INLET-TYPE 2 | 8.000 | EA | \$6,000.00 | \$48,000.00 |
| 722 | 3520 | INLET-TYPE 2 DOUBLE | 8.000 | EA | \$11,000.00 | \$88,000.00 |
| 722 | 3761 | INLET SPECIAL-TYPE 2 60IN | 1.000 | EA | \$9,500.00 | \$9,500.00 |
| 722 | 3910 | INLET SLOTTED DRAIN 15IN | 40.000 | LF | \$590.00 | \$23,600.00 |
| 722 | 4020 | INLET CATCH BASIN 9IN BEEHIVE | 2.000 | EA | \$4,300.00 | \$8,600.00 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

| Spec | Code | Item Description | Quantity | Unit | Unit Price | Amount |
|------|------|--|------------|------|--------------|--------------|
| 748 | 0140 | CURB & GUTTER-TYPE I | 9,664.000 | LF | \$54.00 | \$521,856.00 |
| 750 | 0020 | PIGMENTED CONCRETE | 2,773.000 | SY | \$256.00 | \$709,888.00 |
| 750 | 0110 | SIDEWALK BRICK PATTERN | 401.000 | SY | \$83.00 | \$33,283.00 |
| 750 | 0115 | SIDEWALK CONCRETE 4IN | 1,808.000 | SY | \$70.00 | \$126,560.00 |
| 750 | 0210 | CONCRETE MEDIAN NOSE PAVING | 18.000 | SY | \$173.00 | \$3,114.00 |
| 750 | 2115 | DETECTABLE WARNING PANELS | 180.000 | SF | \$70.00 | \$12,600.00 |
| 752 | 0600 | FENCE CHAIN LINK | 357.000 | LF | \$26.00 | \$9,282.00 |
| 752 | 0911 | TEMPORARY SAFETY FENCE | 400.000 | LF | \$4.00 | \$1,600.00 |
| 752 | 3100 | CORNER ASSEMBLY CHAIN LINK | 3.000 | EA | \$542.00 | \$1,626.00 |
| 754 | 0110 | FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING | 651.000 | SF | \$26.00 | \$16,926.00 |
| 754 | 0112 | FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING | 230.000 | SF | \$31.00 | \$7,130.00 |
| 754 | 0154 | DELINEATORS-TYPE A-SINGLE SIDED | 11.000 | EA | \$53.00 | \$583.00 |
| 754 | 0160 | DELINEATORS-TYPE B | 36.000 | EA | \$54.00 | \$1,944.00 |
| 754 | 0168 | DELINEATORS-TYPE D | 32.000 | EA | \$64.00 | \$2,048.00 |
| 754 | 0193 | FLEXIBLE DELINEATORS-TYPE D | 30.000 | EA | \$120.00 | \$3,600.00 |
| 754 | 0206 | STEEL GALV POSTS-TELESCOPING PERFORATED TUBE | 451.000 | LF | \$24.00 | \$10,824.00 |
| 754 | 0210 | GALV STEEL POST-STANDARD PIPE | 446.000 | LF | \$81.00 | \$36,126.00 |
| 754 | 0214 | GALV STEEL POSTS-W-SHAPE POSTS(TWO OR MORE) | 797.000 | LF | \$83.00 | \$66,151.00 |
| 754 | 0530 | PANEL FOR SIGNS-TYPE XI REFLECTIVE SHEETING | 1,005.000 | SF | \$28.00 | \$28,140.00 |
| 754 | 0534 | PANEL FOR SIGNS-TYPE IV REFLECTIVE SHEETING | 1,658.000 | SF | \$26.00 | \$43,108.00 |
| 754 | 0557 | INTERSTATE MILE POSTS-TYPE C | 1.000 | EA | \$190.00 | \$190.00 |
| 754 | 0592 | RESET SIGN PANEL | 1.000 | EA | \$145.00 | \$145.00 |
| 754 | 0801 | OBJECT MARKERS - TYPE I | 6.000 | EA | \$30.00 | \$180.00 |
| 754 | 0805 | OBJECT MARKERS - CULVERTS | 33.000 | EA | \$58.00 | \$1,914.00 |
| 754 | 1100 | CLASS AE CONCRETE-SIGN FOUNDATIONS | 75.800 | CY | \$1,235.00 | \$93,613.00 |
| 754 | 1104 | REMOVE SIGN FOUNDATION | 43.000 | EA | \$800.00 | \$34,400.00 |
| 754 | 1211 | OVERHEAD SIGN STR BRIDGE MOUNTED | 1.000 | EA | \$80,000.00 | \$80,000.00 |
| 754 | 1316 | OVERHEAD SIGN STR 31FT CANTILEVER | 1.000 | EA | \$120,000.00 | \$120,000.00 |
| 754 | 1328 | OVERHEAD SIGN STR 43FT CANTILEVER | 1.000 | EA | \$150,000.00 | \$150,000.00 |
| 754 | 1330 | OVERHEAD SIGN STR 45FT CANTILEVER | 1.000 | EA | \$180,000.00 | \$180,000.00 |
| 754 | 1490 | OVERHEAD SIGN STR 130FT TRUSS | 1.000 | EA | \$200,000.00 | \$200,000.00 |
| 754 | 8020 | DYNAMIC MESSAGE SIGN | 1.000 | EA | \$450,000.00 | \$450,000.00 |
| 762 | 0122 | PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED) | 744.000 | SF | \$18.70 | \$13,912.80 |
| 762 | 0420 | SHORT TERM 4IN LINE-TYPE R | 3,378.000 | LF | \$2.00 | \$6,756.00 |
| 762 | 0422 | SHORT TERM 6IN LINE-TYPE R | 53,423.000 | LF | \$2.60 | \$138,899.80 |
| 762 | 0426 | SHORT TERM 24IN LINE-TYPE R | 816.000 | LF | \$21.00 | \$17,136.00 |
| 762 | 0428 | SHORT TERM 10IN LINE-TYPE R | 5,871.000 | LF | \$4.60 | \$27,006.60 |
| 762 | 0430 | SHORT TERM 4IN LINE-TYPE NR | 2,532.000 | LF | \$0.40 | \$1,012.80 |
| 762 | 0432 | SHORT TERM 6IN LINE-TYPE NR | 37,363.000 | LF | \$0.60 | \$22,417.80 |
| 762 | 0434 | SHORT TERM 8IN LINE-TYPE NR | 1,238.000 | LF | \$0.80 | \$990.40 |
| 762 | 0436 | SHORT TERM 24IN LINE-TYPE NR | 784.000 | LF | \$13.00 | \$10,192.00 |
| 762 | 0438 | SHORT TERM 10IN LINE-TYPE NR | 9,364.000 | LF | \$1.00 | \$9,364.00 |
| 762 | 0440 | SHORT TERM MESSAGE-TYPE R | 1,113.000 | SF | \$37.50 | \$41,737.50 |
| 762 | 0442 | SHORT TERM MESSAGE-TYPE NR | 1,268.000 | SF | \$8.00 | \$10,144.00 |
| 762 | 1255 | PREFORMED THERMO PLASTIC PVMT MK 6IN LINE | 339.000 | LF | \$14.00 | \$4,746.00 |
| 762 | 1270 | PREFORMED THERMO PLASTIC PVMT MK 24IN LINE | 376.000 | LF | \$59.00 | \$22,184.00 |
| 762 | 1280 | PREFORMED THERMO PLASTIC PVMT MK MESSAGE | 288.000 | SF | \$27.00 | \$7,776.00 |
| 762 | 1307 | PREFORMED PATTERNED PVMT MK 6IN LINE-GROOVED | 32,328.000 | LF | \$10.00 | \$323,280.00 |

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| Spec | Code | Item Description | Quantity | Unit | Unit Price | Amount |
|------|------|---|------------|-------|----------------|----------------|
| 762 | 1311 | PREFORMED PATTERNED PVMT MK 10IN LINE-GROOVED | 6,818.000 | LF | \$12.00 | \$81,816.00 |
| 764 | 0100 | HIGH TENSION CABLE GUARDRAIL | 2,114.000 | LF | \$82.00 | \$173,348.00 |
| 764 | 0105 | HIGH TENSION CABLE ANCHOR ASSEMBLY | 4.000 | EA | \$8,500.00 | \$34,000.00 |
| 764 | 0107 | REMOVE HIGH TENSION GUARDRAIL | 1,498.000 | LF | \$11.00 | \$16,478.00 |
| 764 | 0109 | RESET HIGH TENSION GUARDRAIL | 84.000 | LF | \$55.00 | \$4,620.00 |
| 764 | 0131 | W-BEAM GUARDRAIL | 104.000 | LF | \$52.00 | \$5,408.00 |
| 764 | 0145 | W-BEAM GUARDRAIL END TERMINAL | 2.000 | EA | \$2,900.00 | \$5,800.00 |
| 764 | 0151 | REMOVE W-BEAM GUARDRAIL & POSTS | 735.000 | LF | \$5.50 | \$4,042.50 |
| 764 | 1050 | RESET W-BEAM GUARDRAIL | 252.000 | LF | \$18.00 | \$4,536.00 |
| 764 | 1059 | RESET W-BEAM GUARDRAIL END TERMINAL | 3.000 | EA | \$650.00 | \$1,950.00 |
| 764 | 2050 | REMOVE CONCRETE ANCHOR | 2.000 | EA | \$1,600.00 | \$3,200.00 |
| 764 | 2081 | REMOVE END TREATMENT & TRANSITION | 7.000 | EA | \$350.00 | \$2,450.00 |
| 764 | 9011 | ATTENUATING CRASH CUSHION TL-3 | 1.000 | EA | \$30,000.00 | \$30,000.00 |
| 770 | 0003 | LIGHTING SYSTEM A | 0.290 | EA | \$120,000.00 | \$34,800.00 |
| 770 | 0004 | LIGHTING SYSTEM B | 0.430 | EA | \$112,000.00 | \$48,160.00 |
| 770 | 0030 | CONCRETE FOUNDATION-HIGH MAST LIGHTING | 12.000 | EA | \$35,000.00 | \$420,000.00 |
| 770 | 0220 | CABLE TRENCH-TYPE II | 9,655.000 | LF | \$3.50 | \$33,792.50 |
| 770 | 0350 | 3IN DIAMETER RIGID CONDUIT | 1,235.000 | LF | \$20.00 | \$24,700.00 |
| 770 | 0464 | MULTIPLE UNDERGROUND CABLE 3NO4-1NO6 STYLE USE | 10,234.000 | LF | \$16.00 | \$163,744.00 |
| 770 | 0735 | FEED POINT-TYPE II-PAD MOUNTED | 2.000 | EA | \$26,400.00 | \$52,800.00 |
| 770 | 3733 | HIGH MAST LIGHTING ASSEMBLY TYPE HM-140-4 | 2.000 | EA | \$98,000.00 | \$196,000.00 |
| 770 | 3735 | HIGH MAST LIGHTING ASSEMBLY TYPE HM-140-6 | 6.000 | EA | \$98,500.00 | \$591,000.00 |
| 770 | 3736 | HIGH MAST LIGHTING ASSEMBLY TYPE HM-140-8 | 2.000 | EA | \$99,000.00 | \$198,000.00 |
| 770 | 3790 | PORTABLE POWER UNIT | 2.000 | EA | \$3,550.00 | \$7,100.00 |
| 770 | 4280 | LED LUMINAIRE - HIGH MAST | 60.000 | EA | \$1,900.00 | \$114,000.00 |
| 770 | 4501 | TEMPORARY LIGHTING SYSTEM | 0.310 | EA | \$70,000.00 | \$21,700.00 |
| 770 | 4555 | RELOCATE HIGH MAST LIGHT POLE | 2.000 | EA | \$19,000.00 | \$38,000.00 |
| 770 | 4563 | REMOVE HIGH MAST TOWER ASSEMBLY | 8.000 | EA | \$9,250.00 | \$74,000.00 |
| 770 | 4565 | REMOVE TEMPORARY LIGHTING SYSTEM | 0.350 | EA | \$17,000.00 | \$5,950.00 |
| 770 | 4585 | REMOVE CONCRETE FOUNDATION-HIGH MAST | 10.000 | EA | \$12,500.00 | \$125,000.00 |
| 770 | 4590 | REMOVE FEED POINT | 2.000 | EA | \$1,600.00 | \$3,200.00 |
| 772 | 0002 | CONCRETE FOUNDATION TWIN MA-TRAFFIC SIGNALS | 1.000 | EA | \$18,750.00 | \$18,750.00 |
| 772 | 0003 | SIGNAL STANDARD FOUNDATION | 4.000 | EA | \$60,000.00 | \$240,000.00 |
| 772 | 2110 | FLASHING BEACON-POST MOUNTED | 1.000 | EA | \$59,500.00 | \$59,500.00 |
| 772 | 3125 | REMOVE TRAFFIC SIGNAL SYSTEM | 1.910 | EA | \$17,000.00 | \$32,470.00 |
| 772 | 9200 | IT SYSTEM | 1.230 | EA | \$164,000.00 | \$201,720.00 |
| 772 | 9300 | SURVEILLANCE CAMERA SYSTEM | 1.000 | EA | \$85,000.00 | \$85,000.00 |
| 772 | 9305 | REVISE SURVEILLANCE CAMERA SYSTEM | 2.000 | EA | \$70,000.00 | \$140,000.00 |
| 772 | 9811 | TRAFFIC SIGNAL SYSTEM - SITE 1 | 0.250 | EA | \$500,000.00 | \$125,000.00 |
| 772 | 9812 | TRAFFIC SIGNAL SYSTEM - SITE 2 | 1.000 | EA | \$1,200,000.00 | \$1,200,000.00 |
| 900 | 0100 | SETTLEMENT PLATE | 4.000 | EA | \$5,000.00 | \$20,000.00 |
| 900 | 0700 | FLEXIBLE GROWTH MEDIUM | 14,241.000 | SY | \$2.00 | \$28,482.00 |
| 910 | 0565 | CONTROLLED DENSITY BACKFILL | 65.000 | CY | \$400.00 | \$26,000.00 |
| 920 | 1318 | VIBRATING WIRE PIEZOMETER | 6.000 | EA | \$10,000.00 | \$60,000.00 |
| 920 | 1325 | VIBRATING WIRE BOREHOLE EXTENSOMETER | 2.000 | EA | \$25,000.00 | \$50,000.00 |
| 930 | 4225 | INSTRUMENTATION-DATA LOGGING EQUIPMENT | 1.000 | L SUM | \$35,000.00 | \$35,000.00 |
| 930 | 9550 | MECHANICALLY STABILIZED EARTH WALL | 1,196.000 | SF | \$201.00 | \$240,396.00 |
| 980 | 0800 | RELOCATE ROAD CLOSURE GATE | 1.000 | EA | \$5,300.00 | \$5,300.00 |
| 980 | 0811 | VERTICAL ROAD CLOSURE GATE-28FT | 2.000 | EA | \$125,000.00 | \$250,000.00 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

| Spec | Code | Item Description | Quantity | Unit | Unit Price | Amount |
|------------|-------------|---------------------------------|--------------|-----------|-------------------|-------------------|
| 980 | 0820 | REMOVE ROAD CLOSURE GATE | 2.000 | EA | \$1,250.00 | \$2,500.00 |

Subtotal **\$27,418,820.15**

Eng and Contg **\$2,741,882.02**

Total **\$30,160,702.17**

Length **0.7440 Miles**

| Estimated Cost | | <u>Construction</u> |
|-------------------------|---------------|------------------------|
| | | \$30,160,702.17 |
| IM FEDERAL FUNDS | 90.00% | \$27,144,631.95 |
| IM STATE FUNDS | 10.00% | \$3,016,070.22 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Roadway: **URBAN**

LRS_ID I94E000M MEASURE 161.4427
EXISTING NBI #0094-161.439
PROPOSED NBI #0094-161.400

Type: **STRUCTURE REMOVAL AND REPLACEMENT**

Participating: **Y**

| Spec | Code | Item Description | Quantity | Unit | Unit Price | Amount |
|----------|------|---|-------------|-------|----------------|------------------------|
| 103 | 0100 | CONTRACT BOND | 0.310 | L SUM | \$315,000.00 | \$97,650.00 |
| 103 | 0200 | ESCROW OF BID DOCUMENTATION | 0.310 | L SUM | \$5,000.00 | \$1,550.00 |
| 108 | 0001 | CRITICAL PATH METHOD SCHEDULE | 0.310 | L SUM | \$25,000.00 | \$7,750.00 |
| 109 | 1000 | E-TICKETING | 0.310 | L SUM | \$20,000.00 | \$6,200.00 |
| 202 | 0105 | REMOVAL OF STRUCTURE | 1.000 | L SUM | \$450,000.00 | \$450,000.00 |
| 210 | 0099 | CLASS 1 EXCAVATION | 1.000 | L SUM | \$80,000.00 | \$80,000.00 |
| 210 | 0201 | FOUNDATION PREPARATION | 1.000 | EA | \$50,000.00 | \$50,000.00 |
| 258 | 0100 | CONCRETE SLOPE PROTECTION | 1,718.000 | SY | \$300.00 | \$515,400.00 |
| 602 | 0130 | CLASS AAE-3 CONCRETE | 1,256.300 | CY | \$1,700.00 | \$2,135,710.00 |
| 602 | 1121 | SUBSTRUCTURE CONCRETE CLASS AAE-3 | 334.100 | CY | \$1,500.00 | \$501,150.00 |
| 602 | 1130 | CLASS AE-3 CONCRETE | 270.100 | CY | \$2,000.00 | \$540,200.00 |
| 602 | 1133 | CONCRETE BRIDGE APPROACH SLAB | 705.300 | SY | \$480.00 | \$338,544.00 |
| 602 | 1134 | PILE SUPPORTED APPROACH SLAB | 681.000 | SY | \$650.00 | \$442,650.00 |
| 602 | 1250 | PENETRATING WATER REPELLENT TREATMENT | 6,219.000 | SY | \$12.00 | \$74,628.00 |
| 612 | 0115 | REINFORCING STEEL-GRADE 60 | 83,752.000 | LBS | \$2.00 | \$167,504.00 |
| 612 | 0116 | REINFORCING STEEL-GRADE 60-EPOXY COATED | 342,574.000 | LBS | \$2.50 | \$856,435.00 |
| 616 | 5890 | STRUCTURAL STEEL | 1.000 | L SUM | \$6,590,000.00 | \$6,590,000.00 |
| 622 | 0040 | STEEL PILING HP 12 X 53 | 2,535.000 | LF | \$62.00 | \$157,170.00 |
| 622 | 0070 | STEEL PILING HP 14 X 102 | 4,695.000 | LF | \$105.00 | \$492,975.00 |
| 624 | 0123 | PEDESTRIAN RAILING | 349.300 | LF | \$250.00 | \$87,325.00 |
| 624 | 0124 | PEDESTRIAN FENCE | 493.300 | LF | \$500.00 | \$246,650.00 |
| 702 | 0100 | MOBILIZATION | 0.310 | L SUM | \$3,570,000.00 | \$1,106,700.00 |
| 750 | 0020 | PIGMENTED CONCRETE | 427.700 | SY | \$256.00 | \$109,491.20 |
| 770 | 0005 | LIGHTING SYSTEM C | 1.000 | EA | \$60,000.00 | \$60,000.00 |
| 770 | 4505 | UNDERPASS LIGHTING SYSTEM | 1.000 | EA | \$32,400.00 | \$32,400.00 |
| 930 | 3000 | BRIDGE BENCH MARKS | 1.000 | SET | \$5,000.00 | \$5,000.00 |
| 930 | 7012 | ROADWAY CANOPY | 1.000 | L SUM | \$125,000.00 | \$125,000.00 |
| 930 | 9537 | ABUTMENT UNDERDRAIN SYSTEM | 2.000 | EA | \$35,000.00 | \$70,000.00 |
| Subtotal | | | | | | \$15,348,082.20 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Eng and Contg **\$1,534,808.22**

Total **\$16,882,890.42**

Length **0.0000 Miles**

| Estimated Cost | | <u>Construction</u> |
|-------------------------|---------------|------------------------|
| | | \$16,882,890.42 |
| IM FEDERAL FUNDS | 90.00% | \$15,194,601.38 |
| IM STATE FUNDS | 10.00% | \$1,688,289.04 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Roadway: **URBAN**

S94E000B147.183_03 RP 926.594 (1.3236) TO 926.691 (1.4122)
S94W000B147.183_03 RP 926.594 (1.326) TO 926.691 (1.4148)

Type: **GRADING, AGGREGATE BASE, PCC PAVEMENT, HMA PAVEMENT, SIDEWALK, STORM SEWER, CULVERTS, SIGNING, PAVEMENT MARKING, TRAFFIC SIGNALS, LIGHTING, GUARDRAIL AND INCIDENTALS**

Participating: **Y**

| Spec Code | Item Description | Quantity | Unit | Unit Price | Amount |
|-----------|--|-----------|-------|----------------|--------------|
| 103 0100 | CONTRACT BOND | 0.040 | L SUM | \$315,000.00 | \$12,600.00 |
| 103 0200 | ESCROW OF BID DOCUMENTATION | 0.040 | L SUM | \$5,000.00 | \$200.00 |
| 108 0001 | CRITICAL PATH METHOD SCHEDULE | 0.040 | L SUM | \$25,000.00 | \$1,000.00 |
| 109 1000 | E-TICKETING | 0.040 | L SUM | \$20,000.00 | \$800.00 |
| 202 0136 | REMOVAL OF PAVEMENT | 6,953.000 | TON | \$18.00 | \$125,154.00 |
| 202 0169 | REMOVAL OF END SECTION-ALL TYPES & SIZES | 1.000 | EA | \$500.00 | \$500.00 |
| 202 0174 | REMOVAL OF PIPE ALL TYPES AND SIZES | 138.000 | LF | \$30.00 | \$4,140.00 |
| 202 0230 | REMOVAL OF INLETS | 1.000 | EA | \$800.00 | \$800.00 |
| 203 0101 | COMMON EXCAVATION-TYPE A | 510.000 | CY | \$11.00 | \$5,610.00 |
| 203 0109 | TOPSOIL | 204.000 | CY | \$10.00 | \$2,040.00 |
| 203 0140 | BORROW-EXCAVATION | 1,139.000 | CY | \$17.00 | \$19,363.00 |
| 251 0300 | SEEDING CLASS III | 0.500 | ACRE | \$680.00 | \$340.00 |
| 251 2000 | TEMPORARY COVER CROP | 0.500 | ACRE | \$325.00 | \$162.50 |
| 253 0051 | SOIL STABILIZER | 0.500 | ACRE | \$725.00 | \$362.50 |
| 253 0201 | HYDRAULIC MULCH | 0.500 | ACRE | \$2,400.00 | \$1,200.00 |
| 255 0102 | ECB TYPE 2 | 65.000 | SY | \$4.00 | \$260.00 |
| 260 0100 | SILT FENCE UNSUPPORTED | 490.000 | LF | \$3.00 | \$1,470.00 |
| 260 0101 | REMOVE SILT FENCE UNSUPPORTED | 490.000 | LF | \$1.25 | \$612.50 |
| 261 0112 | FIBER ROLLS 12IN | 1,320.000 | LF | \$3.00 | \$3,960.00 |
| 261 0113 | REMOVE FIBER ROLLS 12IN | 430.000 | LF | \$0.95 | \$408.50 |
| 302 0100 | SALVAGED BASE COURSE | 2,895.000 | TON | \$28.00 | \$81,060.00 |
| 401 0050 | TACK COAT | 3.000 | GAL | \$3.00 | \$9.00 |
| 401 0060 | PRIME COAT | 1,496.000 | GAL | \$8.00 | \$11,968.00 |
| 401 0160 | BLOTTER MATERIAL CL 44 | 30.000 | TON | \$73.00 | \$2,190.00 |
| 430 0045 | SUPERPAVE FAA 45 | 13.000 | TON | \$110.00 | \$1,430.00 |
| 430 0500 | COMMERCIAL GRADE HOT MIX ASPHALT | 116.000 | TON | \$145.00 | \$16,820.00 |
| 430 5818 | PG 58H-34 ASPHALT CEMENT | 1.000 | TON | \$690.00 | \$690.00 |
| 550 0305 | 9IN NON-REINF CONCRETE PVMT CL AE-DOWELED | 2,611.000 | SY | \$97.00 | \$253,267.00 |
| 550 0310 | 10IN NON REINF CONCRETE PVMT CL AE-DOWELED | 2,450.000 | SY | \$105.00 | \$257,250.00 |
| 702 0100 | MOBILIZATION | 0.040 | L SUM | \$3,570,000.00 | \$142,800.00 |
| 704 1054 | SIDEWALK BARRICADE | 1.000 | EA | \$110.00 | \$110.00 |
| 704 1058 | PEDESTRIAN WALKWAY | 154.000 | LF | \$18.00 | \$2,772.00 |
| 704 1150 | TEMPORARY TRAFFIC SIGNALS | 1.000 | EA | \$120,000.00 | \$120,000.00 |
| 704 2108 | TEMPORARY CURB RAMP | 2.000 | EA | \$320.00 | \$640.00 |
| 709 0100 | GEOSYNTHETIC MATERIAL TYPE G | 6,149.000 | SY | \$3.50 | \$21,521.50 |
| 714 0905 | PIPE CONC REINF 36IN CL III | 4.000 | LF | \$490.00 | \$1,960.00 |
| 714 3036 | END SECT-TRAVERSABLE REINF. CONC.36IN | 1.000 | EA | \$3,000.00 | \$3,000.00 |
| 714 4097 | PIPE CONDUIT 15IN-STORM DRAIN | 138.000 | LF | \$180.00 | \$24,840.00 |
| 714 4101 | PIPE CONDUIT 18IN-STORM DRAIN | 24.000 | LF | \$255.00 | \$6,120.00 |
| 714 4117 | PIPE CONDUIT 36IN-STORM DRAIN | 104.000 | LF | \$700.00 | \$72,800.00 |
| 714 9680 | PLUG PIPE-ALL TYPES & SIZES | 1.000 | EA | \$950.00 | \$950.00 |
| 720 0125 | ALIGNMENT MONUMENTS | 2.000 | EA | \$100.00 | \$200.00 |
| 722 0110 | MANHOLE 60IN | 1.000 | EA | \$7,900.00 | \$7,900.00 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

| Spec | Code | Item Description | Quantity | Unit | Unit Price | Amount |
|------|------|---|-----------|------|--------------|--------------|
| 722 | 0120 | MANHOLE 72IN | 1.000 | EA | \$9,900.00 | \$9,900.00 |
| 722 | 0130 | MANHOLE 84IN | 1.000 | EA | \$12,100.00 | \$12,100.00 |
| 722 | 1110 | MANHOLE RISER 60IN | 5.320 | LF | \$990.00 | \$5,266.80 |
| 722 | 1120 | MANHOLE RISER 72IN | 5.180 | LF | \$1,350.00 | \$6,993.00 |
| 722 | 1130 | MANHOLE RISER 84IN | 4.000 | LF | \$2,250.00 | \$9,000.00 |
| 722 | 3510 | INLET-TYPE 2 | 3.000 | EA | \$6,000.00 | \$18,000.00 |
| 722 | 3520 | INLET-TYPE 2 DOUBLE | 1.000 | EA | \$11,000.00 | \$11,000.00 |
| 722 | 3910 | INLET SLOTTED DRAIN 15IN | 30.000 | LF | \$590.00 | \$17,700.00 |
| 722 | 6140 | ADJUST GATE VALVE BOX | 1.000 | EA | \$3,600.00 | \$3,600.00 |
| 724 | 0375 | RELOCATE GATE VALVE & BOX | 2.000 | EA | \$9,500.00 | \$19,000.00 |
| 744 | 0050 | INSULATION BOARD | 149.000 | CF | \$50.00 | \$7,450.00 |
| 748 | 0140 | CURB & GUTTER-TYPE I | 1,672.000 | LF | \$54.00 | \$90,288.00 |
| 750 | 0020 | PIGMENTED CONCRETE | 104.000 | SY | \$256.00 | \$26,624.00 |
| 750 | 0115 | SIDEWALK CONCRETE 4IN | 189.000 | SY | \$70.00 | \$13,230.00 |
| 750 | 0210 | CONCRETE MEDIAN NOSE PAVING | 4.000 | SY | \$173.00 | \$692.00 |
| 750 | 1000 | DRIVEWAY CONCRETE | 46.000 | SY | \$75.00 | \$3,450.00 |
| 750 | 1020 | DRIVEWAY CONCRETE 8IN | 73.000 | SY | \$86.00 | \$6,278.00 |
| 750 | 2115 | DETECTABLE WARNING PANELS | 64.000 | SF | \$70.00 | \$4,480.00 |
| 754 | 0110 | FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING | 150.000 | SF | \$26.00 | \$3,900.00 |
| 754 | 0112 | FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING | 189.000 | SF | \$31.00 | \$5,859.00 |
| 754 | 0206 | STEEL GALV POSTS-TELESCOPING PERFORATED TUBE | 352.000 | LF | \$24.00 | \$8,448.00 |
| 754 | 0592 | RESET SIGN PANEL | 2.000 | EA | \$145.00 | \$290.00 |
| 754 | 1104 | REMOVE SIGN FOUNDATION | 2.000 | EA | \$800.00 | \$1,600.00 |
| 762 | 0122 | PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED) | 317.000 | SF | \$18.70 | \$5,927.90 |
| 762 | 1255 | PREFORMED THERMO PLASTIC PVMT MK 6IN LINE | 124.000 | LF | \$14.00 | \$1,736.00 |
| 762 | 1270 | PREFORMED THERMO PLASTIC PVMT MK 24IN LINE | 174.000 | LF | \$59.00 | \$10,266.00 |
| 762 | 1305 | PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED | 1,968.000 | LF | \$9.00 | \$17,712.00 |
| 762 | 1307 | PREFORMED PATTERNED PVMT MK 6IN LINE-GROOVED | 996.000 | LF | \$10.00 | \$9,960.00 |
| 762 | 1309 | PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED | 1,097.000 | LF | \$18.00 | \$19,746.00 |
| 762 | 1311 | PREFORMED PATTERNED PVMT MK 10IN LINE-GROOVED | 1,070.000 | LF | \$12.00 | \$12,840.00 |
| 770 | 0003 | LIGHTING SYSTEM A | 0.320 | EA | \$120,000.00 | \$38,400.00 |
| 770 | 4501 | TEMPORARY LIGHTING SYSTEM | 0.240 | EA | \$70,000.00 | \$16,800.00 |
| 770 | 4525 | REVISE LIGHTING SYSTEM | 0.370 | EA | \$53,000.00 | \$19,610.00 |
| 770 | 4565 | REMOVE TEMPORARY LIGHTING SYSTEM | 0.390 | EA | \$17,000.00 | \$6,630.00 |
| 772 | 3125 | REMOVE TRAFFIC SIGNAL SYSTEM | 1.010 | EA | \$17,000.00 | \$17,170.00 |
| 772 | 9200 | IT SYSTEM | 0.410 | EA | \$164,000.00 | \$67,240.00 |
| 772 | 9811 | TRAFFIC SIGNAL SYSTEM - SITE 1 | 0.750 | EA | \$500,000.00 | \$375,000.00 |
| 970 | 2202 | SPRING SNOW CRABAPPLE | 1.000 | EA | \$920.00 | \$920.00 |

Subtotal **\$2,116,387.20**

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Eng and Contg **\$211,638.72**

Total **\$2,328,025.92**

Length **0.0968 Miles**

| Estimated Cost | | <u>Construction</u> |
|--------------------------------|---------------|-----------------------|
| | | \$2,328,025.92 |
| NHU FEDERAL FUNDS | 80.93% | \$1,884,071.38 |
| NHU STATE FUNDS | 9.07% | \$211,151.95 |
| NHU BISMARCK CITY FUNDS | 10.00% | \$232,802.59 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Roadway: **URBAN**

CENTENNIAL RD, LRS_ID L1998_015M FR MEASURE 1.3335 TO MEASURE 1.4546

Type: **GRADING, AGGREGATE BASE, PCC PAVEMENT, HMA PAVEMENT, SIDEWALK, STORM SEWER, CULVERTS, SIGNING, PAVEMENT MARKING, TRAFFIC SIGNALS, LIGHTING, GUARDRAIL AND INCIDENTALS**

Participating: **Y**

| Spec Code | Item Description | Quantity | Unit | Unit Price | Amount |
|-----------|--|-----------|-------|----------------|--------------|
| 103 0100 | CONTRACT BOND | 0.040 | L SUM | \$315,000.00 | \$12,600.00 |
| 103 0200 | ESCROW OF BID DOCUMENTATION | 0.040 | L SUM | \$5,000.00 | \$200.00 |
| 108 0001 | CRITICAL PATH METHOD SCHEDULE | 0.040 | L SUM | \$25,000.00 | \$1,000.00 |
| 109 1000 | E-TICKETING | 0.040 | L SUM | \$20,000.00 | \$800.00 |
| 202 0136 | REMOVAL OF PAVEMENT | 4,854.000 | TON | \$18.00 | \$87,372.00 |
| 202 0174 | REMOVAL OF PIPE ALL TYPES AND SIZES | 391.000 | LF | \$30.00 | \$11,730.00 |
| 202 0230 | REMOVAL OF INLETS | 3.000 | EA | \$800.00 | \$2,400.00 |
| 203 0101 | COMMON EXCAVATION-TYPE A | 2,161.000 | CY | \$11.00 | \$23,771.00 |
| 203 0109 | TOPSOIL | 317.000 | CY | \$10.00 | \$3,170.00 |
| 203 0140 | BORROW-EXCAVATION | 672.000 | CY | \$17.00 | \$11,424.00 |
| 251 0200 | SEEDING CLASS II | 0.500 | ACRE | \$370.00 | \$185.00 |
| 251 0300 | SEEDING CLASS III | 0.100 | ACRE | \$680.00 | \$68.00 |
| 251 2000 | TEMPORARY COVER CROP | 0.600 | ACRE | \$325.00 | \$195.00 |
| 253 0051 | SOIL STABILIZER | 0.600 | ACRE | \$725.00 | \$435.00 |
| 253 0201 | HYDRAULIC MULCH | 0.600 | ACRE | \$2,400.00 | \$1,440.00 |
| 255 0102 | ECB TYPE 2 | 34.000 | SY | \$4.00 | \$136.00 |
| 261 0112 | FIBER ROLLS 12IN | 1,576.000 | LF | \$3.00 | \$4,728.00 |
| 261 0113 | REMOVE FIBER ROLLS 12IN | 788.000 | LF | \$0.95 | \$748.60 |
| 302 0100 | SALVAGED BASE COURSE | 6,704.000 | TON | \$28.00 | \$187,712.00 |
| 401 0060 | PRIME COAT | 990.000 | GAL | \$8.00 | \$7,920.00 |
| 401 0160 | BLOTTER MATERIAL CL 44 | 24.000 | TON | \$73.00 | \$1,752.00 |
| 430 0500 | COMMERCIAL GRADE HOT MIX ASPHALT | 237.000 | TON | \$145.00 | \$34,365.00 |
| 550 0300 | 8IN NON-REINF CONCRETE PVMT CL AE-DOWELED | 349.000 | SY | \$120.00 | \$41,880.00 |
| 550 0305 | 9IN NON-REINF CONCRETE PVMT CL AE-DOWELED | 176.000 | SY | \$97.00 | \$17,072.00 |
| 550 0310 | 10IN NON REINF CONCRETE PVMT CL AE-DOWELED | 2,730.000 | SY | \$105.00 | \$286,650.00 |
| 550 0320 | 12IN NON REINF CONCRETE PVMT CL AE-DOWELED | 231.000 | SY | \$145.00 | \$33,495.00 |
| 702 0100 | MOBILIZATION | 0.040 | L SUM | \$3,570,000.00 | \$142,800.00 |
| 704 1054 | SIDEWALK BARRICADE | 4.000 | EA | \$110.00 | \$440.00 |
| 704 1058 | PEDESTRIAN WALKWAY | 315.000 | LF | \$18.00 | \$5,670.00 |
| 704 1150 | TEMPORARY TRAFFIC SIGNALS | 1.000 | EA | \$120,000.00 | \$120,000.00 |
| 704 2108 | TEMPORARY CURB RAMP | 2.000 | EA | \$320.00 | \$640.00 |
| 709 0100 | GEOSYNTHETIC MATERIAL TYPE G | 4,567.000 | SY | \$3.50 | \$15,984.50 |
| 714 4097 | PIPE CONDUIT 15IN-STORM DRAIN | 184.000 | LF | \$180.00 | \$33,120.00 |
| 714 4101 | PIPE CONDUIT 18IN-STORM DRAIN | 46.000 | LF | \$255.00 | \$11,730.00 |
| 714 4107 | PIPE CONDUIT 24IN-STORM DRAIN | 245.000 | LF | \$275.00 | \$67,375.00 |
| 714 9680 | PLUG PIPE-ALL TYPES & SIZES | 4.000 | EA | \$950.00 | \$3,800.00 |
| 722 0100 | MANHOLE 48IN | 1.000 | EA | \$6,010.00 | \$6,010.00 |
| 722 0110 | MANHOLE 60IN | 1.000 | EA | \$7,900.00 | \$7,900.00 |
| 722 1100 | MANHOLE RISER 48IN | 9.260 | LF | \$620.00 | \$5,741.20 |
| 722 1110 | MANHOLE RISER 60IN | 10.350 | LF | \$990.00 | \$10,246.50 |
| 722 3490 | CASTING MOUNTABLE CURB-TYPE B | 6.000 | EA | \$2,350.00 | \$14,100.00 |
| 722 3510 | INLET-TYPE 2 | 8.000 | EA | \$6,000.00 | \$48,000.00 |
| 722 3910 | INLET SLOTTED DRAIN 15IN | 20.000 | LF | \$590.00 | \$11,800.00 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

| Spec | Code | Item Description | Quantity | Unit | Unit Price | Amount |
|----------|------|---|-----------|------|--------------|-----------------------|
| 722 | 6140 | ADJUST GATE VALVE BOX | 1.000 | EA | \$3,600.00 | \$3,600.00 |
| 748 | 0140 | CURB & GUTTER-TYPE I | 1,542.000 | LF | \$54.00 | \$83,268.00 |
| 750 | 0020 | PIGMENTED CONCRETE | 218.000 | SY | \$256.00 | \$55,808.00 |
| 750 | 0110 | SIDEWALK BRICK PATTERN | 275.000 | SY | \$83.00 | \$22,825.00 |
| 750 | 0115 | SIDEWALK CONCRETE 4IN | 798.000 | SY | \$70.00 | \$55,860.00 |
| 750 | 0210 | CONCRETE MEDIAN NOSE PAVING | 22.000 | SY | \$173.00 | \$3,806.00 |
| 750 | 2115 | DETECTABLE WARNING PANELS | 107.000 | SF | \$70.00 | \$7,490.00 |
| 754 | 0110 | FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING | 88.000 | SF | \$26.00 | \$2,288.00 |
| 754 | 0112 | FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING | 127.000 | SF | \$31.00 | \$3,937.00 |
| 754 | 0206 | STEEL GALV POSTS-TELESCOPING PERFORATED TUBE | 86.000 | LF | \$24.00 | \$2,064.00 |
| 754 | 0530 | PANEL FOR SIGNS-TYPE XI REFLECTIVE SHEETING | 149.000 | SF | \$28.00 | \$4,172.00 |
| 754 | 1100 | CLASS AE CONCRETE-SIGN FOUNDATIONS | 18.600 | CY | \$1,235.00 | \$22,971.00 |
| 754 | 1104 | REMOVE SIGN FOUNDATION | 2.000 | EA | \$800.00 | \$1,600.00 |
| 754 | 1500 | OVERHEAD SIGN STR 140FT TRUSS | 1.000 | EA | \$250,000.00 | \$250,000.00 |
| 762 | 0110 | EPOXY PVMT MK 4IN LINE-GROOVED | 564.000 | LF | \$4.25 | \$2,397.00 |
| 762 | 0122 | PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED) | 166.000 | SF | \$18.70 | \$3,104.20 |
| 762 | 0132 | EPOXY PVMT MK 8IN LINE-GROOVED | 225.000 | LF | \$8.50 | \$1,912.50 |
| 762 | 0136 | EPOXY PVMT MK MESSAGE-GROOVED | 64.000 | SF | \$79.00 | \$5,056.00 |
| 762 | 1255 | PREFORMED THERMO PLASTIC PVMT MK 6IN LINE | 586.000 | LF | \$14.00 | \$8,204.00 |
| 762 | 1270 | PREFORMED THERMO PLASTIC PVMT MK 24IN LINE | 172.000 | LF | \$59.00 | \$10,148.00 |
| 762 | 1280 | PREFORMED THERMO PLASTIC PVMT MK MESSAGE | 72.000 | SF | \$27.00 | \$1,944.00 |
| 762 | 1307 | PREFORMED PATTERNED PVMT MK 6IN LINE-GROOVED | 753.000 | LF | \$10.00 | \$7,530.00 |
| 762 | 1309 | PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED | 93.000 | LF | \$18.00 | \$1,674.00 |
| 762 | 1311 | PREFORMED PATTERNED PVMT MK 10IN LINE-GROOVED | 1,201.000 | LF | \$12.00 | \$14,412.00 |
| 770 | 0003 | LIGHTING SYSTEM A | 0.390 | EA | \$120,000.00 | \$46,800.00 |
| 770 | 0004 | LIGHTING SYSTEM B | 0.570 | EA | \$112,000.00 | \$63,840.00 |
| 770 | 4501 | TEMPORARY LIGHTING SYSTEM | 0.450 | EA | \$70,000.00 | \$31,500.00 |
| 770 | 4525 | REVISE LIGHTING SYSTEM | 0.630 | EA | \$53,000.00 | \$33,390.00 |
| 770 | 4565 | REMOVE TEMPORARY LIGHTING SYSTEM | 0.260 | EA | \$17,000.00 | \$4,420.00 |
| 772 | 3125 | REMOVE TRAFFIC SIGNAL SYSTEM | 1.080 | EA | \$17,000.00 | \$18,360.00 |
| 772 | 9200 | IT SYSTEM | 0.290 | EA | \$164,000.00 | \$47,560.00 |
| 772 | 9813 | TRAFFIC SIGNAL SYSTEM - SITE 3 | 1.000 | EA | \$500,000.00 | \$500,000.00 |
| 970 | 2050 | COMMON HACKBERRY | 3.000 | EA | \$920.00 | \$2,760.00 |
| Subtotal | | | | | | \$2,603,306.50 |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Eng and Contg **\$260,330.65**

Total **\$2,863,637.15**

Length **0.1211 Miles**

| | | |
|--------------------------------|---------------|-----------------------|
| | | <u>Construction</u> |
| Estimated Cost | | \$2,863,637.15 |
| NHU FEDERAL FUNDS | 80.93% | \$2,317,541.55 |
| NHU BISMARCK CITY FUNDS | 19.07% | \$546,095.60 |

Roadway: **URBAN**
 Type: **IT SYSTEM**

Participating: **N**

| Spec Code | Item Description | Quantity | Unit | Unit Price | Amount |
|-----------------|------------------|--------------|-----------|---------------------|--------------------|
| 772 9200 | IT SYSTEM | 0.070 | EA | \$164,000.00 | \$11,480.00 |
| | | | | Subtotal | \$11,480.00 |
| | | | | Eng and Contg | \$1,148.00 |
| | | | | Total | \$12,628.00 |

Length **0.0000 Miles**

| | | |
|--------------------------------|----------------|---------------------|
| | | <u>Construction</u> |
| Estimated Cost | | \$12,628.00 |
| NHU BISMARCK CITY FUNDS | 100.00% | \$12,628.00 |

Type: **SPECIAL ITEMS**

| Item Description | | | | Amount |
|--|-------------------------|---------------|-----------------------|-----------------------|
| PRELIMINARY ENGINEERING | | | | \$1,311,483.62 |
| Funding Splits: | IM FEDERAL FUNDS | 90.00% | \$1,180,335.26 | |
| | IM STATE FUNDS | 10.00% | \$131,148.36 | |
| ESTIMATED COST OF RIGHT OF WAY | | | | \$1,922,234.25 |
| Funding Splits: | IM FEDERAL FUNDS | 90.00% | \$1,730,010.82 | |
| | IM STATE FUNDS | 10.00% | \$192,223.43 | |
| ESTIMATED COST OF UTILITY ADJUSTMENTS | | | | \$673,730.00 |
| Funding Splits: | IM FEDERAL FUNDS | 90.00% | \$606,357.00 | |
| | IM STATE FUNDS | 10.00% | \$67,373.00 | |

North Dakota **FEDERAL AID**

Bid Opening Date: **3/1/2024**

Project Number: **IM-NHU-1-094(212)161**

PCN: **22648**

Job Number: **22648**

English/Metric: **ENGLISH**

Type: **SPECIAL ITEMS**

| Item Description | Amount |
|---|-------------------|
| OTHER - POWER FOR DESTINATION LIGHTING | \$2,000.00 |
| Funding Splits: | |
| IM FEDERAL FUNDS | 90.00% |
| IM STATE FUNDS | 10.00% |
| | \$1,800.00 |
| | \$200.00 |

Summary for Project

Length **0.7440 Miles** **BURLEIGH** **0.7440 Miles**

| | |
|------------------------------------|------------------------|
| Estimated Total Construction Cost: | \$47,498,076.05 |
| Estimated Total Eng and Contg: | \$4,749,807.61 |

| | Construction | Special Items | Total |
|--------------------------------|------------------------|-----------------------|------------------------|
| Estimated Cost | \$52,247,883.66 | \$3,909,447.87 | \$56,157,331.53 |
| IM FEDERAL FUNDS | \$42,339,233.33 | \$3,518,503.08 | \$45,857,736.41 |
| IM STATE FUNDS | \$4,704,359.26 | \$390,944.79 | \$5,095,304.05 |
| NHU FEDERAL FUNDS | \$4,201,612.93 | \$0.00 | \$4,201,612.93 |
| NHU STATE FUNDS | \$211,151.95 | \$0.00 | \$211,151.95 |
| NHU BISMARCK CITY FUNDS | \$791,526.19 | \$0.00 | \$791,526.19 |

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 1 OF 6

ABSTRACT OF BIDS RECEIVED

| | | | | |
|---|-----------|---------------------------|------------------------------|--------|
| PROJECT NO. IM-NHU-1-094(212)161 | NO. 22648 | BIDDER ENGINEERS ESTIMATE | BIDDER AMES CONSTRUCTION INC | BIDDER |
| COUNTY & DATE BURLEIGH (015) MAR 01, 2024 09:30AM | | | BURNSVILLE, MN | |
| LENGTH & TYPE 0.744 I94, CENTENNIAL RD/BIS EXPRESSWAY | | | | |
| COMPLETION TIME 08/01/26 GRADING, AGGREGATE BASE, PCC PAVEMENT, | | c.c. CHECK RANK 00 | c.c. BOND RANK 01 | c.c. |

| SPEC. NO. | ITEM DESCRIPTION | UNIT | QUANTITY | BID PRICE | AMOUNT | BID PRICE | AMOUNT | BID PRICE | AMOUNT |
|-----------|--|-------|-----------|-----------|------------|-----------|------------|-----------|--------|
| 103 | CONTRACT BOND | L SUM | 1000 | 202500000 | 202500000 | 315000000 | 315000000 | | |
| 103 | ESCROW OF BID DOCUMENTATION | L SUM | 1000 | 5000000 | 5000000 | 5000000 | 5000000 | | |
| 108 | CRITICAL PATH METHOD SCHEDULE | L SUM | 1000 | 10000000 | 10000000 | 25000000 | 25000000 | | |
| 109 | E-TICKETING | L SUM | 1000 | 12500000 | 12500000 | 20000000 | 20000000 | | |
| 201 | REMOVAL OF TREES & BRUSH | L SUM | 1000 | 10000000 | 10000000 | 80000000 | 80000000 | | |
| 201 | REMOVAL OF TREES 10IN | EA | 10000 | 100000 | 1000000 | 850000 | 8500000 | | |
| 201 | REMOVAL OF TREES 18IN | EA | 4000 | 1000000 | 4000000 | 1000000 | 4000000 | | |
| 202 | REMOVAL OF STRUCTURE | L SUM | 1000 | 300000000 | 300000000 | 450000000 | 450000000 | | |
| 202 | REMOVAL OF PAVEMENT | TON | 62208000 | 20000 | 124416000 | 18000 | 111974400 | | |
| 202 | REMOVAL OF END SECTION-ALL TYPES & SIZES | EA | 4000 | 180000 | 720000 | 500000 | 2000000 | | |
| 202 | REMOVAL OF PIPE ALL TYPES AND SIZES | LF | 2465000 | 20000 | 49300000 | 30000 | 73950000 | | |
| 202 | REMOVAL OF INLETS | EA | 10000 | 1000000 | 10000000 | 800000 | 8000000 | | |
| 202 | REMOVAL OF CHAIN LINK FENCE | LF | 392000 | 25000 | 9800000 | 3500 | 1372000 | | |
| 203 | COMMON EXCAVATION-TYPE A | CY | 113576000 | 14000 | 159006400 | 11000 | 124933600 | | |
| 203 | TOPSOIL | CY | 26305000 | 6000 | 15783000 | 10000 | 26305000 | | |
| 203 | COMMON EXCAVATION-WASTE | CY | 81913000 | 15000 | 122869500 | 15000 | 122869500 | | |
| 203 | BORROW-EXCAVATION | CY | 173278000 | 20000 | 346556000 | 17000 | 294572600 | | |
| 203 | EMBANKMENT-TYPE B | EA | 1000 | 5000000 | 5000000 | 20000000 | 20000000 | | |
| 210 | CLASS 1 EXCAVATION | L SUM | 1000 | 80000000 | 80000000 | 80000000 | 80000000 | | |
| 210 | FOUNDATION PREPARATION | EA | 1000 | 50000000 | 50000000 | 50000000 | 50000000 | | |
| 216 | WATER | M GAL | 4072000 | 25000 | 101800000 | 40000 | 162880000 | | |
| 220 | PREPARE STOCKPILE SITE | L SUM | 1000 | 20000000 | 20000000 | 50000000 | 50000000 | | |
| 220 | RESTORE STOCKPILE SITE | L SUM | 1000 | 20000000 | 20000000 | 30000000 | 30000000 | | |
| 251 | SEEDING CLASS II | ACRE | 24500 | 500000 | 12250000 | 370000 | 9065000 | | |
| 251 | SEEDING CLASS III | ACRE | 1600 | 1319000 | 7914000 | 680000 | 4080000 | | |
| 251 | TEMPORARY COVER CROP | ACRE | 26200 | 120000 | 3144000 | 325000 | 8515000 | | |
| 253 | SOIL STABILIZER | ACRE | 26200 | 450000 | 11790000 | 725000 | 18995000 | | |
| 253 | HYDRAULIC MULCH | ACRE | 25100 | 2000000 | 50200000 | 2400000 | 60240000 | | |
| 255 | ECB TYPE 2 | SY | 634000 | 2000 | 1268000 | 4000 | 2536000 | | |
| 258 | CONCRETE SLOPE PROTECTION | SY | 1718000 | 150000 | 257700000 | 300000 | 515400000 | | |
| 260 | SILT FENCE UNSUPPORTED | LF | 1392000 | 3000 | 4176000 | 3000 | 4176000 | | |
| 260 | REMOVE SILT FENCE UNSUPPORTED | LF | 1392000 | 1000 | 1392000 | 1250 | 1740000 | | |
| 261 | FIBER ROLLS 12IN | LF | 28900000 | 3000 | 86700000 | 3000 | 86700000 | | |
| 261 | REMOVE FIBER ROLLS 12IN | LF | 15889000 | 1000 | 15889000 | 950 | 15094550 | | |
| 302 | SALVAGED BASE COURSE | TON | 60191000 | 26000 | 1564966000 | 28000 | 1685348000 | | |
| 401 | TACK COAT | GAL | 2111000 | 3000 | 6333000 | 3000 | 6333000 | | |
| 401 | PRIME COAT | GAL | 16513000 | 4000 | 66052000 | 8000 | 132104000 | | |
| 401 | BLOTTER MATERIAL CL 44 | TON | 392000 | 50000 | 19600000 | 73000 | 28616000 | | |
| 430 | SUPERPAVE FAA 45 | TON | 5971000 | 57000 | 340347000 | 110000 | 656810000 | | |
| 430 | COMMERCIAL GRADE HOT MIX ASPHALT | TON | 3593000 | 250000 | 898250000 | 145000 | 520985000 | | |
| 430 | CORED SAMPLE | EA | 22000 | 50000 | 1100000 | 180000 | 3960000 | | |
| 430 | PG 58H-34 ASPHALT CEMENT | TON | 358000 | 900000 | 322200000 | 690000 | 247020000 | | |
| 550 | 8IN NON-REINF CONCRETE PVMT CL AE-DOWELED | SY | 349000 | 140000 | 48860000 | 120000 | 41880000 | | |
| 550 | 9IN NON-REINF CONCRETE PVMT CL AE-DOWELED | SY | 26063000 | 160000 | 417008000 | 97000 | 252811100 | | |
| 550 | 10IN NON REINF CONCRETE PVMT CL AE-DOWELED | SY | 15706000 | 165000 | 259149000 | 105000 | 164913000 | | |
| 550 | 12IN NON REINF CONCRETE PVMT CL AE-DOWELED | SY | 231000 | 180000 | 4158000 | 145000 | 3349500 | | |
| 550 | 3IN EXPANSION JOINT | LF | 236800 | 550000 | 130240000 | 480000 | 113664000 | | |

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION
Deputy Director For Engineering:

AWARD TO: AMES CONSTRUCTION INC

WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.

1

DATE OF AWARD

DEPARTMENT OF TRANSPORTATION Deputy Director For Engineering

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 2 OF 6

ABSTRACT OF BIDS RECEIVED

| | | | | |
|---|-----------|---------------------------|------------------------------|--------|
| PROJECT NO. IM-NHU-1-094(212)161 | NO. 22648 | BIDDER ENGINEERS ESTIMATE | BIDDER AMES CONSTRUCTION INC | BIDDER |
| COUNTY & DATE BURLEIGH (015) MAR 01, 2024 09:30AM | | | BURNSVILLE, MN | |
| LENGTH & TYPE 0.744 I94, CENTENNIAL RD/BIS EXPRESSWAY | | | | |
| COMPLETION TIME 08/01/26 GRADING, AGGREGATE BASE, PCC PAVEMENT, | | c.c. CHECK RANK 00 | c.c. BOND RANK 01 | c.c. |

| SPEC. NO. | ITEM DESCRIPTION | UNIT | QUANTITY | BID PRICE | AMOUNT | BID PRICE | AMOUNT | BID PRICE | AMOUNT |
|-----------|---|-------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
| 550 | CONCRETE SLEEPER SLAB | SY | 184000 | 425000 | 78200000 | 230000 | 42320000 | | |
| 602 | CLASS AAE-3 CONCRETE | CY | 1256300 | 2400000 | 301512000 | 1700000 | 213571000 | | |
| 602 | SUBSTRUCTURE CONCRETE CLASS AAE-3 | CY | 334100 | 2200000 | 73502000 | 1500000 | 50115000 | | |
| 602 | CLASS AE-3 CONCRETE | CY | 270100 | 2100000 | 56721000 | 2000000 | 54020000 | | |
| 602 | CONCRETE BRIDGE APPROACH SLAB | SY | 705300 | 750000 | 52897500 | 480000 | 33854400 | | |
| 602 | PILE SUPPORTED APPROACH SLAB | SY | 681000 | 900000 | 61290000 | 650000 | 44265000 | | |
| 602 | JERSEY BARRIER FORMED OR SLIP FORMED | LF | 67000 | 650000 | 4355000 | 900000 | 6030000 | | |
| 602 | PENETRATING WATER REPELLENT TREATMENT | SY | 6219000 | 6000 | 3731400 | 12000 | 7462800 | | |
| 612 | REINFORCING STEEL-GRADE 60 | LBS | 83752000 | 2100 | 17587920 | 2000 | 16750400 | | |
| 612 | REINFORCING STEEL-GRADE 60-EPOXY COATED | LBS | 342574000 | 1600 | 54811840 | 2500 | 85643500 | | |
| 616 | STRUCTURAL STEEL | L SUM | 1000 | 500000000 | 500000000 | 659000000 | 659000000 | | |
| 622 | STEEL PILING HP 12 X 53 | LF | 2535000 | 60000 | 152100000 | 62000 | 15717000 | | |
| 622 | STEEL PILING HP 14 X 102 | LF | 4695000 | 85000 | 39907500 | 105000 | 49297500 | | |
| 624 | PEDESTRIAN RAILING | LF | 349300 | 185000 | 6462050 | 250000 | 8732500 | | |
| 624 | PEDESTRIAN FENCE | LF | 493300 | 450000 | 22198500 | 500000 | 24665000 | | |
| 702 | MOBILIZATION | L SUM | 1000 | 300000000 | 300000000 | 357000000 | 357000000 | | |
| 704 | FLAGGING | MHR | 4500000 | 55000 | 24750000 | 85000 | 38250000 | | |
| 704 | TRAFFIC CONTROL SIGNS | UNIT | 6050000 | 2500 | 1512500 | 6000 | 3630000 | | |
| 704 | ATTENUATION DEVICE-TYPE B-25 | EA | 2000 | 2500000 | 5000000 | 5100000 | 10200000 | | |
| 704 | ATTENUATION DEVICE-TYPE B-35 | EA | 2000 | 2000000 | 4000000 | 5100000 | 10200000 | | |
| 704 | ATTENUATION DEVICE-TYPE B-75 | EA | 7000 | 4000000 | 28000000 | 7200000 | 50400000 | | |
| 704 | TYPE III BARRICADE | EA | 21000 | 100000 | 2100000 | 215000 | 4515000 | | |
| 704 | SIDEWALK BARRICADE | EA | 6000 | 60000 | 360000 | 110000 | 660000 | | |
| 704 | PEDESTRIAN WALKWAY | LF | 1307000 | 16000 | 20912000 | 18000 | 23526000 | | |
| 704 | DELINEATOR DRUMS | EA | 343000 | 25000 | 8575000 | 38000 | 13034000 | | |
| 704 | TUBULAR MARKERS | EA | 178000 | 7000 | 1246000 | 17000 | 3026000 | | |
| 704 | FLEXIBLE DELINEATORS | EA | 275000 | 45000 | 12375000 | 30000 | 8250000 | | |
| 704 | STACKABLE VERTICAL PANELS | EA | 34000 | 30000 | 1020000 | 50000 | 1700000 | | |
| 704 | SEQUENCING ARROW PANEL-TYPE C | EA | 7000 | 1000000 | 7000000 | 1900000 | 13300000 | | |
| 704 | TEMPORARY TRAFFIC SIGNALS | EA | 4000 | 50000000 | 200000000 | 120000000 | 480000000 | | |
| 704 | OBLITERATION OF PAVEMENT MARKING | SF | 3012000 | 880 | 2650560 | 2000 | 6024000 | | |
| 704 | TEMPORARY CURB RAMP | EA | 7000 | 500000 | 3500000 | 320000 | 2240000 | | |
| 704 | STATE FURNISHED MEDIAN BARRIER | LF | 4130000 | 60000 | 247800000 | 70000 | 28910000 | | |
| 704 | PORTABLE CHANGEABLE MESSAGE SIGN | EA | 4000 | 4000000 | 16000000 | 15000000 | 60000000 | | |
| 706 | AGGREGATE LABORATORY | EA | 1000 | 10000000 | 10000000 | 30000000 | 30000000 | | |
| 706 | BITUMINOUS LABORATORY | EA | 1000 | 5000000 | 5000000 | 15000000 | 15000000 | | |
| 706 | CONTRACTOR'S LABORATORY | EA | 1000 | 5000000 | 5000000 | 10000000 | 10000000 | | |
| 708 | INLET PROTECTION-SPECIAL | EA | 10000 | 500000 | 5000000 | 20000 | 200000 | | |
| 708 | REMOVE INLET PROTECTION-SPECIAL | EA | 10000 | 100000 | 1000000 | 25000 | 250000 | | |
| 709 | GEOSYNTHETIC MATERIAL TYPE G | SY | 84153000 | 2500 | 210382500 | 3500 | 294535500 | | |
| 714 | PIPE CONC REINF 18IN CL III | LF | 28000 | 175000 | 4900000 | 250000 | 7000000 | | |
| 714 | PIPE CONC REINF 24IN CL III | LF | 8000 | 250000 | 2000000 | 440000 | 3520000 | | |
| 714 | PIPE CONC REINF 36IN CL III | LF | 152000 | 300000 | 45600000 | 490000 | 74480000 | | |
| 714 | PIPE CONC REINF 60IN CL III | LF | 18000 | 500000 | 9000000 | 1160000 | 20880000 | | |
| 714 | END SECT-TRAVERSABLE REINF. CONC.18IN | EA | 1000 | 1000000 | 1000000 | 1450000 | 1450000 | | |
| 714 | END SECT-TRAVERSABLE REINF. CONC.36IN | EA | 3000 | 2200000 | 6600000 | 3000000 | 9000000 | | |
| 714 | PIPE CONDUIT 12IN | LF | 388000 | 60000 | 23280000 | 140000 | 54320000 | | |

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION
Deputy Director For Engineering:

AWARD TO: AMES CONSTRUCTION INC

WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 3 OF 6

ABSTRACT OF BIDS RECEIVED

| | | | | |
|---|-----------|---------------------------|------------------------------|--------|
| PROJECT NO. IM-NHU-1-094(212)161 | NO. 22648 | BIDDER ENGINEERS ESTIMATE | BIDDER AMES CONSTRUCTION INC | BIDDER |
| COUNTY & DATE BURLEIGH (015) MAR 01, 2024 09:30AM | | | BURNSVILLE, MN | |
| LENGTH & TYPE 0.744 I94, CENTENNIAL RD/BIS EXPRESSWAY | | c.c. CHECK RANK 00 | c.c. BOND RANK 01 | c.c. |
| COMPLETION TIME 08/01/26 GRADING, AGGREGATE BASE, PCC PAVEMENT, | | | | |

| SPEC. NO. | ITEM DESCRIPTION | UNIT | QUANTITY | BID PRICE | AMOUNT | BID PRICE | AMOUNT | BID PRICE | AMOUNT |
|-----------|---|------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| 714 | PIPE CONDUIT 15IN-STORM DRAIN | LF | 838000 | 250000 | 209500000 | 180000 | 150840000 | | |
| 714 | PIPE CONDUIT 18IN | LF | 84000 | 120000 | 10080000 | 255000 | 21420000 | | |
| 714 | PIPE CONDUIT 18IN-STORM DRAIN | LF | 214000 | 260000 | 55640000 | 255000 | 54570000 | | |
| 714 | PIPE CONDUIT 24IN | LF | 124000 | 150000 | 18600000 | 275000 | 34100000 | | |
| 714 | PIPE CONDUIT 24IN-STORM DRAIN | LF | 748000 | 260000 | 194480000 | 275000 | 205700000 | | |
| 714 | PIPE CONDUIT 30IN | LF | 86000 | 240000 | 20640000 | 335000 | 28810000 | | |
| 714 | PIPE CONDUIT 36IN | LF | 120000 | 200000 | 24000000 | 500000 | 60000000 | | |
| 714 | PIPE CONDUIT 36IN-STORM DRAIN | LF | 104000 | 300000 | 31200000 | 700000 | 72800000 | | |
| 714 | PIPE CONDUIT 36IN-JACKED OR BORED | LF | 84000 | 960000 | 80640000 | 900000 | 75600000 | | |
| 714 | PIPE CONDUIT 30IN-JACKED OR BORED | LF | 64000 | 900000 | 57600000 | 1100000 | 70400000 | | |
| 714 | REMOVE & RELAY END SECTION-ALL TYPE & SIZES | EA | 8000 | 650000 | 5200000 | 2200000 | 17600000 | | |
| 714 | PLUG PIPE-ALL TYPES & SIZES | EA | 14000 | 3040000 | 42560000 | 950000 | 13300000 | | |
| 720 | RIGHT OF WAY MARKERS | EA | 8000 | 120000 | 960000 | 165000 | 1320000 | | |
| 720 | ALIGNMENT MONUMENTS | EA | 69000 | 208510 | 14387190 | 100000 | 6900000 | | |
| 720 | IRON PIN R/W MONUMENTS | EA | 8000 | 115000 | 920000 | 55000 | 440000 | | |
| 722 | MANHOLE 48IN | EA | 1000 | 5350000 | 5350000 | 6010000 | 6010000 | | |
| 722 | MANHOLE 60IN | EA | 2000 | 6000000 | 12000000 | 7900000 | 15800000 | | |
| 722 | MANHOLE 72IN | EA | 1000 | 6950000 | 6950000 | 9900000 | 9900000 | | |
| 722 | MANHOLE 84IN | EA | 1000 | 13117000 | 13117000 | 12100000 | 12100000 | | |
| 722 | MANHOLE RISER 48IN | LF | 9260 | 400000 | 3704000 | 620000 | 5741200 | | |
| 722 | MANHOLE RISER 60IN | LF | 15670 | 500000 | 7835000 | 990000 | 15513300 | | |
| 722 | MANHOLE RISER 72IN | LF | 5180 | 600000 | 3108000 | 1350000 | 6993000 | | |
| 722 | MANHOLE RISER 84IN | LF | 4000 | 934000 | 3736000 | 2250000 | 9000000 | | |
| 722 | CASTING MOUNTABLE CURB-TYPE B | EA | 17000 | 1100000 | 18700000 | 2350000 | 39950000 | | |
| 722 | INLET-TYPE 2 | EA | 19000 | 7000000 | 133000000 | 6000000 | 114000000 | | |
| 722 | INLET-TYPE 2 DOUBLE | EA | 9000 | 10000000 | 90000000 | 11000000 | 99000000 | | |
| 722 | INLET SPECIAL-TYPE 2 60IN | EA | 1000 | 11000000 | 11000000 | 9500000 | 9500000 | | |
| 722 | INLET SLOTTED DRAIN 15IN | LF | 90000 | 470000 | 42300000 | 590000 | 53100000 | | |
| 722 | INLET CATCH BASIN 9IN BEEHIVE | EA | 2000 | 5500000 | 11000000 | 4300000 | 8600000 | | |
| 722 | ADJUST GATE VALVE BOX | EA | 2000 | 706000 | 1412000 | 3600000 | 7200000 | | |
| 724 | RELOCATE GATE VALVE & BOX | EA | 2000 | 1595000 | 3190000 | 9500000 | 19000000 | | |
| 744 | INSULATION BOARD | CF | 149000 | 20000 | 2980000 | 50000 | 7450000 | | |
| 748 | CURB & GUTTER-TYPE I | LF | 12878000 | 50000 | 643900000 | 54000 | 69541200 | | |
| 750 | PIGMENTED CONCRETE | SY | 3522700 | 200000 | 704540000 | 256000 | 90181120 | | |
| 750 | SIDEWALK BRICK PATTERN | SY | 676000 | 110000 | 74360000 | 83000 | 56108000 | | |
| 750 | SIDEWALK CONCRETE 4IN | SY | 2795000 | 110000 | 307450000 | 70000 | 195650000 | | |
| 750 | CONCRETE MEDIAN NOSE PAVING | SY | 44000 | 140000 | 6160000 | 173000 | 7612000 | | |
| 750 | DRIVEWAY CONCRETE | SY | 46000 | 125000 | 5750000 | 75000 | 3450000 | | |
| 750 | DRIVEWAY CONCRETE 8IN | SY | 73000 | 130000 | 9490000 | 86000 | 6278000 | | |
| 750 | DETECTABLE WARNING PANELS | SF | 351000 | 60000 | 21060000 | 70000 | 24570000 | | |
| 752 | FENCE CHAIN LINK | LF | 357000 | 50000 | 17850000 | 26000 | 9282000 | | |
| 752 | TEMPORARY SAFETY FENCE | LF | 400000 | 3500 | 1400000 | 4000 | 1600000 | | |
| 752 | CORNER ASSEMBLY CHAIN LINK | EA | 3000 | 568000 | 1704000 | 542000 | 1626000 | | |
| 754 | FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING | SF | 889000 | 28000 | 24892000 | 26000 | 23114000 | | |
| 754 | FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING | SF | 546000 | 26000 | 14196000 | 31000 | 16926000 | | |
| 754 | DELINEATORS-TYPE A-SINGLE SIDED | EA | 11000 | 70000 | 770000 | 53000 | 583000 | | |
| 754 | DELINEATORS-TYPE B | EA | 36000 | 90000 | 3240000 | 54000 | 1944000 | | |

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION AWARD TO: AMES CONSTRUCTION INC WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.
 Deputy Director For Engineering: 3 DATE OF AWARD DEPARTMENT OF TRANSPORTATION Deputy Director For Engineering

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 4 OF 6

ABSTRACT OF BIDS RECEIVED

| | | | | |
|---|-----------|---------------------------|------------------------------|--------|
| PROJECT NO. IM-NHU-1-094(212)161 | NO. 22648 | BIDDER ENGINEERS ESTIMATE | BIDDER AMES CONSTRUCTION INC | BIDDER |
| COUNTY & DATE BURLEIGH (015) MAR 01, 2024 09:30AM | | | BURNSVILLE, MN | |
| LENGTH & TYPE 0.744 I94, CENTENNIAL RD/BIS EXPRESSWAY | | c.c. CHECK RANK 00 | c.c. BOND RANK 01 | c.c. |
| COMPLETION TIME 08/01/26 GRADING, AGGREGATE BASE, PCC PAVEMENT, | | | | |

| SPEC. NO. | ITEM DESCRIPTION | UNIT | QUANTITY | BID PRICE | AMOUNT | BID PRICE | AMOUNT | BID PRICE | AMOUNT |
|-----------|---|------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| 754 | DELINEATORS-TYPE D | EA | 32000 | 70000 | 2240000 | 64000 | 2048000 | | |
| 754 | FLEXIBLE DELINEATORS-TYPE D | EA | 30000 | 125000 | 3750000 | 120000 | 3600000 | | |
| 754 | STEEL GALV POSTS-TELESCOPING PERFORATED TUBE | LF | 889000 | 23000 | 20447000 | 24000 | 21336000 | | |
| 754 | GALV STEEL POST-STANDARD PIPE | LF | 446000 | 95000 | 42370000 | 81000 | 36126000 | | |
| 754 | GALV STEEL POSTS-W-SHAPE POSTS(TWO OR MORE) | LF | 797000 | 110000 | 87670000 | 83000 | 66151000 | | |
| 754 | PANEL FOR SIGNS-TYPE XI REFLECTIVE SHEETING | SF | 1154000 | 34000 | 39236000 | 28000 | 32312000 | | |
| 754 | PANEL FOR SIGNS-TYPE IV REFLECTIVE SHEETING | SF | 1658000 | 32000 | 53056000 | 26000 | 43108000 | | |
| 754 | INTERSTATE MILE POSTS-TYPE C | EA | 1000 | 220000 | 220000 | 190000 | 190000 | | |
| 754 | RESET SIGN PANEL | EA | 3000 | 80000 | 240000 | 145000 | 435000 | | |
| 754 | OBJECT MARKERS - TYPE I | EA | 6000 | 220000 | 1320000 | 30000 | 180000 | | |
| 754 | OBJECT MARKERS - CULVERTS | EA | 33000 | 51120 | 1686960 | 58000 | 1914000 | | |
| 754 | CLASS AE CONCRETE-SIGN FOUNDATIONS | CY | 94400 | 2500000 | 236000000 | 1235000 | 116584000 | | |
| 754 | REMOVE SIGN FOUNDATION | EA | 47000 | 520000 | 24440000 | 800000 | 37600000 | | |
| 754 | OVERHEAD SIGN STR BRIDGE MOUNTED | EA | 1000 | 75000000 | 75000000 | 80000000 | 80000000 | | |
| 754 | OVERHEAD SIGN STR 31FT CANTILEVER | EA | 1000 | 135000000 | 135000000 | 120000000 | 120000000 | | |
| 754 | OVERHEAD SIGN STR 43FT CANTILEVER | EA | 1000 | 145000000 | 145000000 | 150000000 | 150000000 | | |
| 754 | OVERHEAD SIGN STR 45FT CANTILEVER | EA | 1000 | 150000000 | 150000000 | 180000000 | 180000000 | | |
| 754 | OVERHEAD SIGN STR 130FT TRUSS | EA | 1000 | 225000000 | 225000000 | 200000000 | 200000000 | | |
| 754 | OVERHEAD SIGN STR 140FT TRUSS | EA | 1000 | 235000000 | 235000000 | 250000000 | 250000000 | | |
| 754 | DYNAMIC MESSAGE SIGN | EA | 1000 | 225000000 | 225000000 | 450000000 | 450000000 | | |
| 762 | EPOXY PVMT MK 4IN LINE-GROOVED | LF | 564000 | 1250 | 705000 | 4250 | 2397000 | | |
| 762 | PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED) | SF | 1227000 | 45000 | 55215000 | 18700 | 229449000 | | |
| 762 | EPOXY PVMT MK 8IN LINE-GROOVED | LF | 225000 | 3000 | 675000 | 8500 | 1912500 | | |
| 762 | EPOXY PVMT MK MESSAGE-GROOVED | SF | 64000 | 25000 | 1600000 | 79000 | 5056000 | | |
| 762 | SHORT TERM 4IN LINE-TYPE R | LF | 3378000 | 1300 | 4391400 | 2000 | 6756000 | | |
| 762 | SHORT TERM 6IN LINE-TYPE R | LF | 53423000 | 2300 | 122872900 | 2600 | 138899800 | | |
| 762 | SHORT TERM 24IN LINE-TYPE R | LF | 816000 | 15250 | 12444000 | 21000 | 17136000 | | |
| 762 | SHORT TERM 10IN LINE-TYPE R | LF | 5871000 | 5000 | 29355000 | 4600 | 27006000 | | |
| 762 | SHORT TERM 4IN LINE-TYPE NR | LF | 2532000 | 100 | 253200 | 400 | 1012800 | | |
| 762 | SHORT TERM 6IN LINE-TYPE NR | LF | 37363000 | 1500 | 56044500 | 600 | 22417800 | | |
| 762 | SHORT TERM 8IN LINE-TYPE NR | LF | 1238000 | 300 | 371400 | 800 | 990400 | | |
| 762 | SHORT TERM 24IN LINE-TYPE NR | LF | 784000 | 6500 | 5096000 | 13000 | 10192000 | | |
| 762 | SHORT TERM 10IN LINE-TYPE NR | LF | 9364000 | 1500 | 14046000 | 1000 | 9364000 | | |
| 762 | SHORT TERM MESSAGE-TYPE R | SF | 1113000 | 26500 | 29494500 | 37500 | 41737500 | | |
| 762 | SHORT TERM MESSAGE-TYPE NR | SF | 1268000 | 4800 | 6086400 | 8000 | 10144000 | | |
| 762 | PREFORMED THERMO PLASTIC PVMT MK 6IN LINE | LF | 1049000 | 10000 | 10490000 | 14000 | 14686000 | | |
| 762 | PREFORMED THERMO PLASTIC PVMT MK 24IN LINE | LF | 722000 | 45000 | 32490000 | 59000 | 42598000 | | |
| 762 | PREFORMED THERMO PLASTIC PVMT MK MESSAGE | SF | 360000 | 30000 | 10800000 | 27000 | 9720000 | | |
| 762 | PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED | LF | 1968000 | 8000 | 15744000 | 9000 | 17712000 | | |
| 762 | PREFORMED PATTERNED PVMT MK 6IN LINE-GROOVED | LF | 34077000 | 16000 | 545232000 | 10000 | 340770000 | | |
| 762 | PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED | LF | 1190000 | 17000 | 20230000 | 18000 | 21420000 | | |
| 762 | PREFORMED PATTERNED PVMT MK 10IN LINE-GROOVED | LF | 9089000 | 18000 | 163602000 | 12000 | 109068000 | | |
| 764 | HIGH TENSION CABLE GUARDRAIL | LF | 2114000 | 60000 | 126840000 | 82000 | 173348000 | | |
| 764 | HIGH TENSION CABLE ANCHOR ASSEMBLY | EA | 4000 | 8500000 | 34000000 | 8500000 | 34000000 | | |
| 764 | REMOVE HIGH TENSION GUARDRAIL | LF | 1498000 | 10000 | 14980000 | 11000 | 16478000 | | |
| 764 | RESET HIGH TENSION GUARDRAIL | LF | 84000 | 30000 | 2520000 | 55000 | 4620000 | | |
| 764 | W-BEAM GUARDRAIL | LF | 104000 | 50000 | 5200000 | 52000 | 5408000 | | |

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION
Deputy Director For Engineering:

AWARD TO: AMES CONSTRUCTION INC

WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.

4

DATE OF AWARD

DEPARTMENT OF TRANSPORTATION Deputy Director For Engineering

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 5 OF 6

ABSTRACT OF BIDS RECEIVED

| PROJECT NO. IM-NHU-1-094(212)161 | | NO. 22648 | | BIDDER ENGINEERS ESTIMATE | | BIDDER AMES CONSTRUCTION IN C | | BIDDER | |
|---|--|-----------|----------|---------------------------|-----------|-------------------------------|------------|-----------|--------|
| COUNTY & DATE BURLEIGH (015) MAR 01, 2024 09:30AM | | | | | | BURNSVILLE, MN | | | |
| LENGTH & TYPE 0.744 I94, CENTENNIAL RD/BIS EXPRESSWAY | | | | c.c. CHECK RANK 00 | | c.c. BOND RANK 01 | | c.c. | |
| COMPLETION TIME 08/01/26 GRADING, AGGREGATE BASE, PCC PAVEMENT, | | | | | | | | | |
| SPEC. NO. | ITEM DESCRIPTION | UNIT | QUANTITY | BID PRICE | AMOUNT | BID PRICE | AMOUNT | BID PRICE | AMOUNT |
| 764 | W-BEAM GUARDRAIL END TERMINAL | EA | 2000 | 3500000 | 7000000 | 2900000 | 5800000 | | |
| 764 | REMOVE W-BEAM GUARDRAIL & POSTS | LF | 735000 | 5000 | 3675000 | 5500 | 4042500 | | |
| 764 | RESET W-BEAM GUARDRAIL | LF | 252000 | 20000 | 5040000 | 18000 | 4536000 | | |
| 764 | RESET W-BEAM GUARDRAIL END TERMINAL | EA | 3000 | 750000 | 2250000 | 650000 | 1950000 | | |
| 764 | REMOVE CONCRETE ANCHOR | EA | 2000 | 1000000 | 2000000 | 1600000 | 3200000 | | |
| 764 | REMOVE END TREATMENT & TRANSITION | EA | 7000 | 300000 | 2100000 | 350000 | 2450000 | | |
| 764 | ATTENUATING CRASH CUSHION TL-3 | EA | 1000 | 4000000 | 4000000 | 3000000 | 3000000 | | |
| 770 | LIGHTING SYSTEM A | EA | 1000 | 9000000 | 9000000 | 12000000 | 12000000 | | |
| 770 | LIGHTING SYSTEM B | EA | 1000 | 6200000 | 6200000 | 11200000 | 11200000 | | |
| 770 | LIGHTING SYSTEM C | EA | 1000 | 15000000 | 15000000 | 60000000 | 60000000 | | |
| 770 | CONCRETE FOUNDATION-HIGH MAST LIGHTING | EA | 12000 | 4000000 | 48000000 | 35000000 | 42000000 | | |
| 770 | CABLE TRENCH-TYPE II | LF | 9655000 | 20000 | 193100000 | 3500 | 33792500 | | |
| 770 | 3IN DIAMETER RIGID CONDUIT | LF | 1235000 | 8000 | 9880000 | 20000 | 24700000 | | |
| 770 | MULTIPLE UNDERGROUND CABLE 3N04-1N06 STYLE USE | LF | 10234000 | 8000 | 81872000 | 16000 | 163744000 | | |
| 770 | FEED POINT-TYPE II-PAD MOUNTED | EA | 2000 | 4000000 | 8000000 | 26400000 | 52800000 | | |
| 770 | HIGH MAST LIGHTING ASSEMBLY TYPE HM-140-4 | EA | 2000 | 9500000 | 19000000 | 98000000 | 196000000 | | |
| 770 | HIGH MAST LIGHTING ASSEMBLY TYPE HM-140-6 | EA | 6000 | 9500000 | 57000000 | 98500000 | 591000000 | | |
| 770 | HIGH MAST LIGHTING ASSEMBLY TYPE HM-140-8 | EA | 2000 | 10000000 | 20000000 | 99000000 | 198000000 | | |
| 770 | PORTABLE POWER UNIT | EA | 2000 | 1000000 | 2000000 | 3550000 | 7100000 | | |
| 770 | LED LUMINAIRE - HIGH MAST | EA | 60000 | 2000000 | 120000000 | 1900000 | 114000000 | | |
| 770 | TEMPORARY LIGHTING SYSTEM | EA | 1000 | 5500000 | 5500000 | 70000000 | 70000000 | | |
| 770 | UNDERPASS LIGHTING SYSTEM | EA | 1000 | 1500000 | 1500000 | 32400000 | 32400000 | | |
| 770 | REVISE LIGHTING SYSTEM | EA | 1000 | 2500000 | 2500000 | 53000000 | 53000000 | | |
| 770 | RELOCATE HIGH MAST LIGHT POLE | EA | 2000 | 2000000 | 4000000 | 19000000 | 38000000 | | |
| 770 | REMOVE HIGH MAST TOWER ASSEMBLY | EA | 8000 | 2000000 | 16000000 | 9250000 | 74000000 | | |
| 770 | REMOVE TEMPORARY LIGHTING SYSTEM | EA | 1000 | 1600000 | 1600000 | 17000000 | 17000000 | | |
| 770 | REMOVE CONCRETE FOUNDATION-HIGH MAST | EA | 10000 | 2000000 | 20000000 | 12500000 | 125000000 | | |
| 770 | REMOVE FEED POINT | EA | 2000 | 500000 | 1000000 | 1600000 | 3200000 | | |
| 772 | CONCRETE FOUNDATION TWIN MA-TRAFFIC SIGNALS | EA | 1000 | 3500000 | 3500000 | 18750000 | 18750000 | | |
| 772 | SIGNAL STANDARD FOUNDATION | EA | 4000 | 7500000 | 30000000 | 60000000 | 240000000 | | |
| 772 | FLASHING BEACON-POST MOUNTED | EA | 1000 | 5400000 | 5400000 | 59500000 | 59500000 | | |
| 772 | REMOVE TRAFFIC SIGNAL SYSTEM | EA | 4000 | 3900000 | 15600000 | 17000000 | 68000000 | | |
| 772 | IT SYSTEM | EA | 2000 | 20000000 | 40000000 | 164000000 | 328000000 | | |
| 772 | SURVEILLANCE CAMERA SYSTEM | EA | 1000 | 7500000 | 7500000 | 85000000 | 85000000 | | |
| 772 | REVISE SURVEILLANCE CAMERA SYSTEM | EA | 2000 | 4700000 | 9400000 | 70000000 | 140000000 | | |
| 772 | TRAFFIC SIGNAL SYSTEM - SITE 1 | EA | 1000 | 37500000 | 37500000 | 500000000 | 500000000 | | |
| 772 | TRAFFIC SIGNAL SYSTEM - SITE 2 | EA | 1000 | 91500000 | 91500000 | 1200000000 | 1200000000 | | |
| 772 | TRAFFIC SIGNAL SYSTEM - SITE 3 | EA | 1000 | 35000000 | 35000000 | 500000000 | 500000000 | | |
| 900 | SETTLEMENT PLATE | EA | 4000 | 3500000 | 14000000 | 5000000 | 20000000 | | |
| 900 | FLEXIBLE GROWTH MEDIUM | SY | 14241000 | 1600 | 22785600 | 2000 | 28482000 | | |
| 910 | CONTROLLED DENSITY BACKFILL | CY | 65000 | 300000 | 19500000 | 400000 | 26000000 | | |
| 920 | VIBRATING WIRE PIEZOMETER | EA | 6000 | 5000000 | 30000000 | 10000000 | 60000000 | | |
| 920 | VIBRATING WIRE BOREHOLE EXTENSOMETER | EA | 2000 | 2500000 | 5000000 | 25000000 | 50000000 | | |
| 930 | BRIDGE BENCH MARKS | SET | 1000 | 5000000 | 5000000 | 5000000 | 5000000 | | |
| 930 | INSTRUMENTATION-DATA LOGGING EQUIPMENT | L SUM | 1000 | 60000000 | 60000000 | 350000000 | 350000000 | | |
| 930 | ROADWAY CANOPY | L SUM | 1000 | 40000000 | 40000000 | 125000000 | 125000000 | | |
| 930 | ABUTMENT UNDERDRAIN SYSTEM | EA | 2000 | 30000000 | 60000000 | 350000000 | 700000000 | | |

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION
Deputy Director For Engineering:

AWARD TO: AMES CONSTRUCTION INC

WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.

5

DATE OF AWARD

DEPARTMENT OF TRANSPORTATION Deputy Director For Engineering

ND DEPARTMENT OF TRANSPORTATION

SHEET NO **6** OF **6**

ABSTRACT OF BIDS RECEIVED

| | | | | |
|---|------------------|-------------------------------------|---|--------|
| PROJECT NO. IM-NHU-1-094(212)161 COUNTY & DATE BURLEIGH (015) MAR 01, 2024 09:30AM LENGTH & TYPE 0.744 COMPLETION TIME I94, CENTENNIAL RD/BIS EXPRESSWAY 08/01/26 GRADING, AGGREGATE BASE, PCC PAVEMENT, | NO. 22648 | BIDDER ENGINEERS ESTIMATE | BIDDER AMES CONSTRUCTION INC BURNSVILLE, MN | BIDDER |
| | | C.C. CHECK RANK 00 | C.C. BOND RANK 01 | C.C. |

| SPEC. NO. | ITEM DESCRIPTION | UNIT | QUANTITY | BID PRICE | AMOUNT | BID PRICE | AMOUNT | BID PRICE | AMOUNT |
|--------------|------------------------------------|------|----------|-----------|-------------------|-----------------|-------------------|-----------|--------|
| 930 | MECHANICALLY STABILIZED EARTH WALL | SF | 1196000 | 125000 | 149500000 | 201000 | 240396000 | | |
| 970 | COMMON HACKBERRY | EA | 3000 | 1000000 | 3000000 | 920000 | 2760000 | | |
| 970 | SPRING SNOW CRABAPPLE | EA | 1000 | 1000000 | 1000000 | 920000 | 920000 | | |
| 980 | RELOCATE ROAD CLOSURE GATE | EA | 1000 | 1000000 | 1000000 | 5300000 | 5300000 | | |
| 980 | VERTICAL ROAD CLOSURE GATE-28FT | EA | 2000 | 55000000 | 110000000 | 125000000 | 250000000 | | |
| 980 | REMOVE ROAD CLOSURE GATE | EA | 2000 | 2000000 | 4000000 | 1250000 | 2500000 | | |
| TOTAL | | | | | 4714802861 | | 4749807605 | | |
| | | | | | | NO LIMIT | | | |

| | | |
|--|--|--|
| ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION Deputy Director For Engineering: | AWARD TO: AMES CONSTRUCTION INC | WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED. |
| 6 | DATE OF AWARD _____ | DEPARTMENT OF TRANSPORTATION Deputy Director For Engineering |