



Engineering Department

DATE: February 27, 2024

FROM: Gabe Schell, City Engineer

ITEM: South Washington Street Reconstruction Project, AC-NHU-1-981(137), City Project HC 158, Street Improvement District SI 580, and Sewer Improvement District SE 584.

REQUEST:

Consider approval of award concurrence of South Washington Street Reconstruction Project, AC-NHU-1-981(137), City Project HC 158, resolution receiving bids and ordering preparation of the Engineer's Statement and resolution awarding bids for Street Improvement district SI 580 and Sewer Improvement district SE 584.

BACKGROUND INFORMATION:

The South Washington Street Reconstruction Project, AC-NHU-1-981(137), City Project HC 158, will reconstruct South Washington Street from Burleigh Avenue to the south Bismarck drainage ditch. On November 28, 2023, the Commission approved a development agreement with MBR Properties, LLC (MBR) to include work that benefits the Paradise Valley Additions within the HC 158 project limits with the reconstruction project.

Under the development agreement, Sewer Improvement District SE 584 was created on November 28, 2023, to special assess storm sewer improvements within the project limits that benefit the Paradise Valley Addition and the proposed Paradise Valley Second Addition (Paradise Valley Additions). Additionally, a letter of credit has been received from MBR to fund sanitary improvements benefitting Paradise Valley Additions.

Also included with HC 158, at the request of the developers of Paradise Valley Additions and Meadow Village Second Addition by receipt of street petitions, street improvements along Burleigh Avenue that benefit these developments will be included with the project and funded under Street Improvement District SI 580, created November 14, 2023.

Both Engineering Reports, SI 580 and SE 584, can be found on the city website at www.bismarcknd.gov/Streets.

The engineer's estimate for project AC-NHU-1-981(137), City Project HC 158, is \$16,242,282.10, inclusive of SI 580 and SE 584. The City and NDDOT entered into a Cost Participation and Maintenance Agreement on [February 13, 2024](#). Bids were received on February 16, 2024 through the North Dakota Department of Transportation and a bid tabulation is attached. There were two bidders with the low bid submitted by Knife River Corporation in the

amount of \$16,986,618.65. The project budget will be distributed prior to the commission meeting.

RECOMMENDED CITY COMMISSION ACTION:

Concur with North Dakota Department of Transportation (NDDOT) in the award of the South Washington Street Reconstruction Project, AC-NHU-1-981(137), City Project HC 158 contingent on NDDOT concurrence.

Consider Request for Resolution Receiving Bids and Ordering Preparation of the Engineer's Statement for Districts SI 580 and SE 584.

Consider Request for Resolution Awarding Contract for Districts SI 580 and SE 584 contingent upon concurrence with the NDDOT for AC-NHU-1-981(137).

STAFF CONTACT INFORMATION:

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

ATTACHMENTS:

1. NDDOT Notice of Bids

February 16, 2024

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

**PROJECT: AC-NHU-1-981(137) & CPU-1-981(140) , PCN 23859 & 24022 -WASHINGTON ST S,
FROM BURLEIGH AVE N TO WACHTER AVE-BISMARCK**

Dear Mr. Schell:

Bids for the construction on the above noted project were taken at our bid opening of February 16, 2024. A copy of the Contract Detail Estimate and Abstract of Bids are enclosed.

The low bid for Grading, Aggregate Base Course, PCC Pavement, Hot Mix Asphalt, Curb & Gutter, Milling, Shared Use Path, Sidewalk, Storm Sewer, Watermain, Force Main, Lighting, Traffic Signal, Signing, Pavement Marking & Traffic Signal Interconnect was submitted by Knife River Corporation - North Central of Sauk Rapids, MN in the amount of \$16,986,618.65. According to the agreement with the City of Bismarck, the City's share for **AC-NHU-1-981(137)** is estimated to be \$14,010,930.51. NHU Federal Funds is Limited to \$4,500,000. The balance of the project cost is the obligation of the City. NDDOT to reimburse City Federal Funds in 2026 when funding is available. The City's is 100% responsible for **CPU-1-981(140)** \$174,350.00.

The Department will review the low bidder's proposal to assure that the Disadvantaged Business Enterprise Program requirements have been met. Upon review of the contractor's Disadvantaged Business Enterprise Program, the Department will advise you via email whether this project may be awarded. The City must award the contract before the Department will concur in the award; therefore, the City must notify the Department in writing as soon as possible after the award is made. Contracts cannot be executed prior to the date of the Department's concurrence.

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: **2/16/2024**

Project Number: **AC-NHU-1-981(137)**

PCN: **23859**

Job Number: **23859**

English/Metric: **ENGLISH**

Contract with **KNIFE RIVER CORPORATION - NORTH CENTRAL SAUK RAPIDS, MN**

Signed Date:

County(s): **BURLEIGH**

Location: **WASHINGTON ST S, FROM BURLEIGH AVE N TO WACHTER AVE - BISMARCK**

North Dakota **FEDERAL AID**

Bid Opening Date: **2/16/2024**

Project Number: **AC-NHU-1-981(137)**

PCN: **23859**

Job Number: **23859**

English/Metric: **ENGLISH**

Roadway: **URBAN**

LRS_ID L1700_015M FR MEASURE 1.0004 TO MEASURE 2.1526

Type: **GRADING, AGGREGATE BASE COURSE, PCC PAVEMENT, HOT MIX ASPHALT, CURB & GUTTER, MILLING, SHARED USE PATH, SIDEWALK, STORM SEWER, WATERMAIN, FORCE MAIN, LIGHTING, TRAFFIC SIGNAL, SIGNING, PAVEMENT MARKING**

Participating: **Y**

Spec Code	Item Description	Quantity	Unit	Unit Price	Amount
103 0100	CONTRACT BOND	0.700	L SUM	\$57,365.60	\$40,155.92
201 0330	CLEARING & GRUBBING	0.700	L SUM	\$9,150.00	\$6,405.00
202 0114	REMOVAL OF CONCRETE PAVEMENT	307.000	SY	\$35.00	\$10,745.00
202 0130	REMOVAL OF CURB & GUTTER	834.000	LF	\$15.00	\$12,510.00
202 0135	REMOVAL OF BITUMINOUS SURFACING	13,427.000	TON	\$20.00	\$268,540.00
202 0170	REMOVAL OF CULVERTS-ALL TYPES & SIZES	249.000	LF	\$50.00	\$12,450.00
202 0312	REMOVE EXISTING FENCE	2,452.000	LF	\$8.15	\$19,983.80
203 0101	COMMON EXCAVATION-TYPE A	35,568.000	CY	\$19.50	\$693,576.00
203 0109	TOPSOIL	7,226.000	CY	\$14.25	\$102,970.50
216 0100	WATER	551.000	M GAL	\$26.50	\$14,601.50
251 0300	SEEDING CLASS III	8.930	ACRE	\$2,650.00	\$23,664.50
251 2000	TEMPORARY COVER CROP	8.800	ACRE	\$1,500.00	\$13,200.00
253 0201	HYDRAULIC MULCH	17.730	ACRE	\$3,450.00	\$61,168.50
255 0103	ECB TYPE 3	582.000	SY	\$7.85	\$4,568.70
256 0200	RIPRAP GRADE II	24.000	CY	\$300.00	\$7,200.00
261 0112	FIBER ROLLS 12IN	876.000	LF	\$5.15	\$4,511.40
261 0113	REMOVE FIBER ROLLS 12IN	836.000	LF	\$1.00	\$836.00
262 0100	FLOTATION SILT CURTAIN	90.000	LF	\$24.00	\$2,160.00
262 0101	REMOVE FLOTATION SILT CURTAIN	90.000	LF	\$6.00	\$540.00
302 0050	TRAFFIC SERVICE AGGREGATE	4,839.000	TON	\$55.50	\$268,564.50
302 0121	AGGREGATE BASE COURSE CL 5	13,850.000	CY	\$91.50	\$1,267,275.00
302 9970	TYPE II PIPE BEDDING	676.000	CY	\$90.00	\$60,840.00
401 0050	TACK COAT	159.000	GAL	\$2.50	\$397.50
401 0070	FOG SEAL	272.000	GAL	\$0.15	\$40.80
420 0111	CRS2P EMULSIFIED ASPHALT	1,086.000	GAL	\$3.65	\$3,963.90
420 0130	COVER COAT MATERIAL CL 43	2,716.000	SY	\$1.10	\$2,987.60
430 0143	RAP - SUPERPAVE FAA 43	1,007.000	TON	\$118.00	\$118,826.00
430 5803	PG 58S-28 ASPHALT CEMENT	48.000	TON	\$512.00	\$24,576.00
550 0302	8.5IN NON-REINF CONCRETE PVMT CL AE-DOWELED	26,857.000	SY	\$103.75	\$2,786,413.75
550 0330	NON-REINF CONCRETE PVMT CL AE-DOWELED-COLORED	401.000	SY	\$236.00	\$94,636.00
702 0100	MOBILIZATION	0.700	L SUM	\$1,838,000.00	\$1,286,600.00
704 0100	FLAGGING	3,612.000	MHR	\$40.00	\$144,480.00
704 1000	TRAFFIC CONTROL SIGNS	4,424.000	UNIT	\$2.00	\$8,848.00
704 1052	TYPE III BARRICADE	24.000	EA	\$150.00	\$3,600.00
704 1054	SIDEWALK BARRICADE	11.000	EA	\$100.00	\$1,100.00
704 1056	PEDESTRIAN CHANNELIZATION	948.000	LF	\$7.00	\$6,636.00
704 1060	DELINEATOR DRUMS	216.000	EA	\$25.00	\$5,400.00
704 1067	TUBULAR MARKERS	204.000	EA	\$6.00	\$1,224.00
704 1080	STACKABLE VERTICAL PANELS	219.000	EA	\$25.00	\$5,475.00
704 1087	SEQUENCING ARROW PANEL-TYPE C	1.000	EA	\$1,000.00	\$1,000.00
704 1500	OBLITERATION OF PAVEMENT MARKING	630.000	SF	\$5.00	\$3,150.00
704 2108	TEMPORARY CURB RAMP	8.000	EA	\$500.00	\$4,000.00
704 2200	TEMPORARY PEDESTRIAN SURFACING	458.000	SY	\$75.00	\$34,350.00

North Dakota **FEDERAL AID**Bid Opening Date: **2/16/2024**Project Number: **AC-NHU-1-981(137)**PCN: **23859**Job Number: **23859**English/Metric: **ENGLISH**

Spec	Code	Item Description	Quantity	Unit	Unit Price	Amount
704	4011	PORTABLE CHANGEABLE MESSAGE SIGN	3.000	EA	\$10,000.00	\$30,000.00
708	1540	INLET PROTECTION-SPECIAL	60.000	EA	\$550.00	\$33,000.00
708	1541	REMOVE INLET PROTECTION-SPECIAL	60.000	EA	\$85.00	\$5,100.00
709	0151	GEOSYNTHETIC MATERIAL TYPE R1	36,827.000	SY	\$3.00	\$110,481.00
709	0155	GEOSYNTHETIC MATERIAL TYPE RR	54.000	SY	\$3.00	\$162.00
714	0210	PIPE CONC REINF 15IN CL III-STORM DRAIN	1,048.000	LF	\$125.00	\$131,000.00
714	0315	PIPE CONC REINF 18IN CL III-STORM DRAIN	19.000	LF	\$290.00	\$5,510.00
714	0620	PIPE CONC REINF 24IN CL III-STORM DRAIN	799.000	LF	\$200.00	\$159,800.00
714	0825	PIPE CONC REINF 30IN CL III-STORM DRAIN	295.000	LF	\$190.00	\$56,050.00
714	0910	PIPE CONC REINF 36IN CL III-STORM DRAIN	1,000.000	LF	\$250.00	\$250,000.00
714	1010	PIPE CONC REINF 42IN CL III-STORM DRAIN	461.000	LF	\$350.00	\$161,350.00
714	3040	END SECT-CONC REINF 42IN	1.000	EA	\$5,000.00	\$5,000.00
714	9680	PLUG PIPE-ALL TYPES & SIZES	2.000	EA	\$2,000.00	\$4,000.00
722	0100	MANHOLE 48IN	1.000	EA	\$7,300.00	\$7,300.00
722	0110	MANHOLE 60IN	6.000	EA	\$10,000.00	\$60,000.00
722	0120	MANHOLE 72IN	4.000	EA	\$15,000.00	\$60,000.00
722	0130	MANHOLE 84IN	1.000	EA	\$18,000.00	\$18,000.00
722	3510	INLET-TYPE 2	5.000	EA	\$5,000.00	\$25,000.00
722	3520	INLET-TYPE 2 DOUBLE	24.000	EA	\$8,500.00	\$204,000.00
722	3910	INLET SLOTTED DRAIN 15IN	40.000	LF	\$300.00	\$12,000.00
722	3920	INLET SLOTTED DRAIN 18IN	20.000	LF	\$400.00	\$8,000.00
722	4000	INLET CATCH BASIN-TYPE A	1.000	EA	\$3,500.00	\$3,500.00
722	6140	ADJUST GATE VALVE BOX	11.000	EA	\$450.00	\$4,950.00
722	6200	ADJUST MANHOLE	1.000	EA	\$825.00	\$825.00
722	6201	ADJUST MANHOLE SPECIAL	1.000	EA	\$7,000.00	\$7,000.00
724	1037	ADJUST SPRINKLER HEAD	7.000	EA	\$825.00	\$5,775.00
744	0050	INSULATION BOARD	469.000	CF	\$60.00	\$28,140.00
748	0120	CURB & GUTTER MOUNTABLE-TYPE I	308.000	LF	\$61.50	\$18,942.00
748	0140	CURB & GUTTER-TYPE I	2,433.000	LF	\$49.25	\$119,825.25
748	0190	CURB & GUTTER-TYPE I 30IN	12,301.000	LF	\$53.90	\$663,023.90
748	0520	CURB-TYPE I	114.000	LF	\$78.80	\$8,983.20
750	0030	PIGMENTED IMPRINTED CONCRETE	855.000	SY	\$205.00	\$175,275.00
750	0115	SIDEWALK CONCRETE 4IN	9,074.000	SY	\$57.50	\$521,755.00
750	0140	SIDEWALK CONCRETE 6IN	558.000	SY	\$70.00	\$39,060.00
750	0210	CONCRETE MEDIAN NOSE PAVING	19.000	SY	\$329.60	\$6,262.40
750	1020	DRIVEWAY CONCRETE 8IN	18.000	SY	\$200.00	\$3,600.00
750	2115	DETECTABLE WARNING PANELS	765.000	SF	\$65.00	\$49,725.00
752	0600	FENCE CHAIN LINK	2,412.000	LF	\$29.15	\$70,309.80
754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	448.000	SF	\$40.00	\$17,920.00
754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	306.000	SF	\$40.00	\$12,240.00
754	0193	FLEXIBLE DELINEATORS-TYPE D	38.000	EA	\$65.00	\$2,470.00
754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	922.000	LF	\$17.00	\$15,674.00
754	0592	RESET SIGN PANEL	5.000	EA	\$125.00	\$625.00
754	0593	RESET SIGN SUPPORT	2.000	EA	\$200.00	\$400.00
754	0801	OBJECT MARKERS - TYPE I	4.000	EA	\$200.00	\$800.00
762	0122	PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED)	646.000	SF	\$30.00	\$19,380.00
762	1255	PREFORMED THERMO PLASTIC PVMT MK 6IN LINE	937.000	LF	\$10.00	\$9,370.00
762	1270	PREFORMED THERMO PLASTIC PVMT MK 24IN LINE	722.000	LF	\$30.00	\$21,660.00
762	1280	PREFORMED THERMO PLASTIC PVMT MK MESSAGE	69.000	SF	\$20.00	\$1,380.00

North Dakota **FEDERAL AID**

Bid Opening Date: **2/16/2024**

Project Number: **AC-NHU-1-981(137)**

PCN: **23859**

Job Number: **23859**

English/Metric: **ENGLISH**

Spec	Code	Item Description	Quantity	Unit	Unit Price	Amount
762	1305	PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED	17,382.000	LF	\$6.00	\$104,292.00
762	1309	PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED	3,747.000	LF	\$12.00	\$44,964.00
770	0003	LIGHTING SYSTEM A	1.000	EA	\$322,000.00	\$322,000.00
770	0004	LIGHTING SYSTEM B	0.500	EA	\$225,000.00	\$112,500.00
772	9200	IT SYSTEM	0.500	EA	\$317,000.00	\$158,500.00
772	9811	TRAFFIC SIGNAL SYSTEM - SITE 1	1.000	EA	\$397,250.00	\$397,250.00
970	0001	LANDSCAPING APPURTENANCES	1.000	L SUM	\$19,150.00	\$19,150.00
970	0365	SHELTER	1.000	EA	\$18,150.00	\$18,150.00
970	1000	TREES	193.000	EA	\$745.00	\$143,785.00

Subtotal **\$11,929,385.42**

Eng and Contg **\$1,192,938.54**

Total **\$13,122,323.96**

Length **1.3510 Miles** **BURLEIGH** **1.3510 Miles**

Construction

Estimated Cost		\$13,122,323.96
AC FEDERAL FUNDS	LIMITED	\$4,500,000.00
AC BISMARCK CITY FUNDS	19.07%	\$8,622,323.96

North Dakota **FEDERAL AID**Bid Opening Date: **2/16/2024**Project Number: **AC-NHU-1-981(137)**PCN: **23859**Job Number: **23859**English/Metric: **ENGLISH**Roadway: **URBAN****LRS_ID L1734_015M FR MEASURE 1.0096 TO MEASURE 1.6336**Type: **GRADING, AGGREGATE BASE, CURB & GUTTER, PCC PAVEMENT, SHARED USE PATH, SIDEWALK,
STORM SEWER, LIGHTING, SIGNING, PAVEMENT MARKING**Participating: **N**

Spec	Code	Item Description	Quantity	Unit	Unit Price	Amount
103	0100	CONTRACT BOND	0.300	L SUM	\$57,365.60	\$17,209.68
201	0330	CLEARING & GRUBBING	0.300	L SUM	\$9,150.00	\$2,745.00
202	0114	REMOVAL OF CONCRETE PAVEMENT	95.000	SY	\$35.00	\$3,325.00
202	0135	REMOVAL OF BITUMINOUS SURFACING	631.000	TON	\$20.00	\$12,620.00
202	0170	REMOVAL OF CULVERTS-ALL TYPES & SIZES	50.000	LF	\$50.00	\$2,500.00
202	0174	REMOVAL OF PIPE ALL TYPES AND SIZES	181.000	LF	\$150.00	\$27,150.00
203	0109	TOPSOIL	1,534.000	CY	\$14.25	\$21,859.50
251	0300	SEEDING CLASS III	1.930	ACRE	\$2,650.00	\$5,114.50
251	2000	TEMPORARY COVER CROP	1.920	ACRE	\$1,500.00	\$2,880.00
253	0201	HYDRAULIC MULCH	3.850	ACRE	\$3,450.00	\$13,282.50
261	0112	FIBER ROLLS 12IN	56.000	LF	\$5.15	\$288.40
261	0113	REMOVE FIBER ROLLS 12IN	56.000	LF	\$1.00	\$56.00
302	0121	AGGREGATE BASE COURSE CL 5	3,592.000	CY	\$91.50	\$328,668.00
302	9970	TYPE II PIPE BEDDING	597.000	CY	\$90.00	\$53,730.00
401	0050	TACK COAT	938.000	GAL	\$2.50	\$2,345.00
401	0070	FOG SEAL	1,164.000	GAL	\$0.15	\$174.60
411	0105	MILLING PAVEMENT SURFACE	4,588.000	SY	\$3.25	\$14,911.00
420	0111	CRS2P EMULSIFIED ASPHALT	4,659.000	GAL	\$3.65	\$17,005.35
420	0130	COVER COAT MATERIAL CL 43	11,647.000	SY	\$1.10	\$12,811.70
430	0143	RAP - SUPERPAVE FAA 43	2,478.000	TON	\$118.00	\$292,404.00
430	1000	CORED SAMPLE	20.000	EA	\$75.00	\$1,500.00
430	5803	PG 58S-28 ASPHALT CEMENT	118.000	TON	\$512.00	\$60,416.00
702	0100	MOBILIZATION	0.300	L SUM	\$1,838,000.00	\$551,400.00
704	0100	FLAGGING	1,388.000	MHR	\$40.00	\$55,520.00
704	1000	TRAFFIC CONTROL SIGNS	184.000	UNIT	\$2.00	\$368.00
704	1056	PEDESTRIAN CHANNELIZATION	279.000	LF	\$7.00	\$1,953.00
709	0151	GEOSYNTHETIC MATERIAL TYPE R1	8,435.000	SY	\$3.00	\$25,305.00
714	0210	PIPE CONC REINF 15IN CL III-STORM DRAIN	983.000	LF	\$125.00	\$122,875.00
714	0910	PIPE CONC REINF 36IN CL III-STORM DRAIN	1,019.000	LF	\$250.00	\$254,750.00
714	1010	PIPE CONC REINF 42IN CL III-STORM DRAIN	1,667.000	LF	\$350.00	\$583,450.00
714	3040	END SECT-CONC REINF 42IN	1.000	EA	\$5,000.00	\$5,000.00
722	0110	MANHOLE 60IN	2.000	EA	\$10,000.00	\$20,000.00
722	0120	MANHOLE 72IN	9.000	EA	\$15,000.00	\$135,000.00
722	0130	MANHOLE 84IN	2.000	EA	\$18,000.00	\$36,000.00
722	0200	MANHOLE 108IN	1.000	EA	\$27,000.00	\$27,000.00
722	3510	INLET-TYPE 2	12.000	EA	\$5,000.00	\$60,000.00
722	3520	INLET-TYPE 2 DOUBLE	21.000	EA	\$8,500.00	\$178,500.00
722	3910	INLET SLOTTED DRAIN 15IN	50.000	LF	\$300.00	\$15,000.00
722	4000	INLET CATCH BASIN-TYPE A	1.000	EA	\$3,500.00	\$3,500.00
722	6140	ADJUST GATE VALVE BOX	2.000	EA	\$450.00	\$900.00
722	6695	AIR RELIEF VALVE & MANHOLE	1.000	EA	\$50,000.00	\$50,000.00
724	0210	FITTINGS-DUCTILE IRON	2,388.000	LBS	\$18.00	\$42,984.00
724	0270	REMOVE GATE VALVE & BOX	13.000	EA	\$500.00	\$6,500.00
724	0300	GATE VALVE & BOX 6IN	2.000	EA	\$3,500.00	\$7,000.00

North Dakota **FEDERAL AID**

Bid Opening Date: **2/16/2024**

Project Number: **AC-NHU-1-981(137)**

PCN: **23859**

Job Number: **23859**

English/Metric: **ENGLISH**

Spec Code	Item Description	Quantity	Unit	Unit Price	Amount
724 0310	GATE VALVE & BOX 8IN	3.000	EA	\$4,500.00	\$13,500.00
724 0324	GATE VALVE & BOX 24IN	1.000	EA	\$53,000.00	\$53,000.00
724 0411	6IN HYDRANT	4.000	EA	\$11,000.00	\$44,000.00
724 0420	HYDRANT-RELOCATE	2.000	EA	\$3,000.00	\$6,000.00
724 0427	ADJUST HYDRANT	1.000	EA	\$5,000.00	\$5,000.00
724 0430	REMOVE HYDRANT	7.000	EA	\$4,000.00	\$28,000.00
724 0499	SLEEVE 24IN	5.000	EA	\$10,000.00	\$50,000.00
724 0583	TAPPING SLEEVE AND VALVE 24IN X 10IN	1.000	EA	\$14,000.00	\$14,000.00
724 0584	TAPPING SLEEVE AND VALVE 24IN X 6IN	2.000	EA	\$9,000.00	\$18,000.00
724 0585	TAPPING SLEEVE AND VALVE 24IN X 8IN	1.000	EA	\$11,000.00	\$11,000.00
724 0800	WATERMAIN 6IN	146.000	LF	\$300.00	\$43,800.00
724 0820	WATERMAIN 8IN	169.000	LF	\$500.00	\$84,500.00
724 0858	WATERMAIN 16IN	325.000	LF	\$320.00	\$104,000.00
724 0870	24IN WATERMAIN	44.000	LF	\$2,000.00	\$88,000.00
724 9024	FORCEMAIN 10IN	3,051.000	LF	\$120.00	\$366,120.00
724 9026	FORCEMAIN 14IN	978.000	LF	\$200.00	\$195,600.00
724 9030	FORCEMAIN 18IN	2,119.000	LF	\$230.00	\$487,370.00
750 0115	SIDEWALK CONCRETE 4IN	76.000	SY	\$57.50	\$4,370.00
750 0140	SIDEWALK CONCRETE 6IN	43.000	SY	\$70.00	\$3,010.00
750 2115	DETECTABLE WARNING PANELS	94.000	SF	\$65.00	\$6,110.00
754 0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	125.000	SF	\$40.00	\$5,000.00
754 0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	17.000	SF	\$40.00	\$680.00
754 0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	273.000	LF	\$17.00	\$4,641.00
754 0592	RESET SIGN PANEL	1.000	EA	\$125.00	\$125.00
762 0122	PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED)	128.000	SF	\$30.00	\$3,840.00
762 1305	PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED	10,185.000	LF	\$6.00	\$61,110.00
762 1309	PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED	788.000	LF	\$12.00	\$9,456.00
770 0004	LIGHTING SYSTEM B	0.500	EA	\$225,000.00	\$112,500.00
Subtotal					\$4,898,733.23
Eng and Contg					\$489,873.32
Total					\$5,388,606.55

Length **0.6240 Miles** **BURLEIGH** **0.6240 Miles**

Estimated Cost Construction **\$5,388,606.55**
AC BISMARCK CITY FUNDS **100.00%** **\$5,388,606.55**

North Dakota **FEDERAL AID**

Bid Opening Date: **2/16/2024**

Project Number: **AC-NHU-1-981(137)**

PCN: **23859**

Job Number: **23859**

English/Metric: **ENGLISH**

Summary for Project

Length **1.9750 Miles** **BURLEIGH** **1.9750 Miles**

Estimated Total Construction Cost: **\$16,828,118.65**

Estimated Total Eng and Contg: **\$1,682,811.86**

	<u>Construction</u>	<u>Total</u>
Estimated Cost	\$18,510,930.51	\$18,510,930.51
AC FEDERAL FUNDS	\$4,500,000.00	\$4,500,000.00
AC BISMARCK CITY FUNDS	\$14,010,930.51	\$14,010,930.51

CITY TO MAKE CONTRACTOR PAYMENTS. NHU FEDERAL FUNDS IS LIMITED TO \$4,500,000. ANY COSTS OVER THIS LIMITED AMOUNTS WILL BE CITY RESPONSIBILITY. NDDOT TO REIMBURSE CITY FEDERAL FUNDS IN 2026 WHEN FUNDING IS AVAILABLE.

North Dakota **URBAN**

Bid Opening Date: **2/16/2024**

Project Number: **CPU-1-981(140)**

PCN: **24022**

Job Number: **23859**

English/Metric: **ENGLISH**

Contract with **KNIFE RIVER CORPORATION - NORTH CENTRAL SAUK RAPIDS, MN**

Signed Date:

County(s): **BURLEIGH**

Location: **WASHINTON ST S, FROM WACHTER AVE N TO DENVER AVE**

Roadway: **URBAN**

LRS_ID L1700_015M FR MEASURE 2.1526 TO MEASURE 2.9234

Type: **TRAFFIC SIGNAL INTERCONNECT**

Participating: **N**

Spec Code	Item Description	Quantity	Unit	Unit Price	Amount
772 9200	IT SYSTEM	0.500	EA	\$317,000.00	\$158,500.00
Subtotal					\$158,500.00
Eng and Contg					\$15,850.00
Total					\$174,350.00

Length **0.6630 Miles**

Estimated Cost		<u>Construction</u>
		\$174,350.00
CPU BISMARCK CITY FUNDS	100.00%	\$174,350.00

Summary for Project

Length **0.6630 Miles** **BURLEIGH** **0.6630 Miles**

Estimated Total Construction Cost: **\$158,500.00**

Estimated Total Eng and Contg: **\$15,850.00**

Estimated Cost	<u>Construction</u>	<u>Total</u>
	\$174,350.00	\$174,350.00
CPU BISMARCK CITY FUNDS	\$174,350.00	\$174,350.00

CITY TO MAKE CONTRACTOR PAYMENT. TIED TO PCN 23859.

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 1 OF 3

ABSTRACT OF BIDS RECEIVED

PROJECT NO. AC-NHU-1-981(137) CPU-1-981(140)	NO. 23859	BIDDER ENGINEERS ESTIMATE	BIDDER KNIFE RIVER CORPORAT ION - NORTH CENTRAL	BIDDER NORTHERN IMPROVEMENT COMPANY
COUNTY & DATE BURLEIGH (015) FEB 16, 2024 09:30AM			SAUK RAPIDS, MN	FARGO, ND
LENGTH & TYPE 2.638 BISMARCK S WASHINGTON ST (BURLEIGH-DENVE				
COMPLETION TIME 06/28/25 GRADING, AGGREGATE BASE, PCC PAVEMENT,		c.c. CHECK RANK 00	c.c. BOND RANK 01	c.c. BOND RANK 02

SPEC. NO.	ITEM DESCRIPTION	UNIT	QUANTITY	BID PRICE	AMOUNT	BID PRICE	AMOUNT	BID PRICE	AMOUNT
103	CONTRACT BOND	L SUM	1.000	100000000	100000000	57365600	57365600	40000000	40000000
201	CLEARING & GRUBBING	L SUM	1.000	150000000	150000000	91500000	91500000	216000000	216000000
202	REMOVAL OF CONCRETE PAVEMENT	SY	402000	45000	1809000	35000	1407000	35300	1419000
202	REMOVAL OF CURB & GUTTER	LF	834000	7250	604650	15000	1251000	12000	1000800
202	REMOVAL OF BITUMINOUS SURFACING	TON	14058000	20000	281160000	20000	281160000	17600	24742080
202	REMOVAL OF CULVERTS-ALL TYPES & SIZES	LF	299000	15000	448500	50000	1495000	54000	1614600
202	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	181000	100000	1810000	150000	2715000	162000	2932200
202	REMOVE EXISTING FENCE	LF	2452000	3000	735600	8150	1998380	8700	2133240
203	COMMON EXCAVATION-TYPE A	CY	35568000	15000	53352000	19500	69357600	16700	59398560
203	TOPSOIL	CY	8760000	5500	4818000	14250	12483000	27400	24002400
216	WATER	M GAL	551000	75000	4132500	26500	1460150	39000	2148900
251	SEEDING CLASS III	ACRE	10860	1500000	1629000	2650000	2877900	2210000	2400060
251	TEMPORARY COVER CROP	ACRE	10720	1500000	1608000	1500000	1608000	130000	139360
253	HYDRAULIC MULCH	ACRE	21580	1300000	2805400	3450000	7445100	3220000	6948760
255	ECB TYPE 3	SY	582000	10000	582000	7850	456870	4200	244440
256	RIPRAP GRADE II	CY	24000	200000	480000	300000	720000	324000	777600
261	FIBER ROLLS 12IN	LF	932000	2500	233000	5150	479980	3000	279600
261	REMOVE FIBER ROLLS 12IN	LF	892000	1000	89200	1000	89200	400	35680
262	FLOTATION SILT CURTAIN	LF	90000	20000	180000	24000	216000	25900	233100
262	REMOVE FLOTATION SILT CURTAIN	LF	90000	5000	450000	6000	540000	3200	288000
302	TRAFFIC SERVICE AGGREGATE	TON	4839000	14000	6774600	55500	26856450	39200	18968880
302	AGGREGATE BASE COURSE CL 5	CY	17442000	80000	139536000	91500	159594300	99400	173373480
302	TYPE II PIPE BEDDING	CY	1273000	100000	12730000	90000	11457000	97200	12373560
401	TACK COAT	GAL	1097000	3000	329100	2500	274250	2500	274250
401	FOG SEAL	GAL	1436000	3000	430800	150	21540	1100	157960
411	MILLING PAVEMENT SURFACE	SY	4588000	3000	1376400	3250	1491100	3800	1743440
420	CRS2P EMULSIFIED ASPHALT	GAL	5745000	8000	4596000	3650	2096925	3800	2183100
420	COVER COAT MATERIAL CL 43	SY	14363000	2500	3590750	1100	1579930	1100	1579930
430	RAP - SUPERPAVE FAA 43	TON	3485000	85000	29622500	118000	41123000	118000	41123000
430	CORED SAMPLE	EA	20000	85000	170000	75000	150000	135000	270000
430	PG 58S-28 ASPHALT CEMENT	TON	166000	645000	10707000	512000	8499200	502000	8333200
550	8.5IN NON-REINF CONCRETE PVMT CL AE-DOWELED	SY	26857000	110000	295427000	103750	278641375	121700	326849690
550	NON-REINF CONCRETE PVMT CL AE-DOWELED-COLORED	SY	401000	150000	6015000	236000	9463600	254900	10221490
702	MOBILIZATION	L SUM	1.000	1000000000	1000000000	1838000000	1838000000	1365200000	1365200000
704	FLAGGING	MHR	5000000	45000	22500000	40000	20000000	54800	27400000
704	TRAFFIC CONTROL SIGNS	UNIT	4608000	3000	1382400	2000	921600	2200	1013760
704	TYPE III BARRICADE	EA	24000	100000	2400000	150000	3600000	162000	3888000
704	SIDEWALK BARRICADE	EA	11000	90000	990000	100000	1100000	108000	1188000
704	PEDESTRIAN CHANNELIZATION	LF	1227000	7000	858900	7000	858900	7600	932520
704	DELINEATOR DRUMS	EA	216000	28000	604800	25000	540000	27000	583200
704	TUBULAR MARKERS	EA	204000	5400	110160	6000	122400	6500	132600
704	STACKABLE VERTICAL PANELS	EA	219000	30000	657000	25000	547500	27000	591300
704	SEQUENCING ARROW PANEL-TYPE C	EA	1000	930000	930000	1000000	1000000	1080000	1080000
704	OBLITERATION OF PAVEMENT MARKING	SF	630000	3000	189000	5000	315000	5400	340200
704	TEMPORARY CURB RAMP	EA	8000	500000	4000000	500000	4000000	540000	4320000
704	TEMPORARY PEDESTRIAN SURFACING	SY	458000	40000	1832000	75000	3435000	69900	3201420
704	PORTABLE CHANGEABLE MESSAGE SIGN	EA	3000	7000000	21000000	10000000	30000000	10800000	32400000

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION
Deputy Director For Engineering:

AWARD TO: KNIFE RIVER CORPORATION - NORTH CENTRAL

WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 2 OF 3

ABSTRACT OF BIDS RECEIVED

PROJECT NO. AC-NHU-1-981(137) CPU-1-981(140)	NO. 23859	BIDDER ENGINEERS ESTIMATE	BIDDER KNIFE RIVER CORPORAT ION - NORTH CENTRAL	BIDDER NORTHERN IMPROVEMENT COMPANY
COUNTY & DATE BURLEIGH (015) FEB 16, 2024 09:30AM			SAUK RAPIDS, MN	FARGO, ND
LENGTH & TYPE 2.638 BISMARCK S WASHINGTON ST (BURLEIGH-DENVE				
COMPLETION TIME 06/28/25 GRADING, AGGREGATE BASE, PCC PAVEMENT,		c.c. CHECK RANK 00	c.c. BOND RANK 01	c.c. BOND RANK 02

SPEC. NO.	ITEM DESCRIPTION	UNIT	QUANTITY	BID PRICE	AMOUNT	BID PRICE	AMOUNT	BID PRICE	AMOUNT
708	INLET PROTECTION-SPECIAL	EA	60000	100000	6000000	550000	33000000	280800	1684800
708	REMOVE INLET PROTECTION-SPECIAL	EA	60000	25000	1500000	85000	5100000	32400	1944000
709	GEOSYNTHETIC MATERIAL TYPE R1	SY	45262000	3000	13578600	3000	13578600	3200	14483840
709	GEOSYNTHETIC MATERIAL TYPE RR	SY	54000	5000	270000	3000	162000	27000	1458000
714	PIPE CONC REINF 15IN CL III-STORM DRAIN	LF	2031000	125000	25387500	125000	25387500	135000	27418500
714	PIPE CONC REINF 18IN CL III-STORM DRAIN	LF	19000	150000	2850000	290000	5510000	313000	5947000
714	PIPE CONC REINF 24IN CL III-STORM DRAIN	LF	799000	170000	13583000	200000	15980000	216000	17258400
714	PIPE CONC REINF 30IN CL III-STORM DRAIN	LF	295000	250000	7375000	190000	5605000	205000	6047500
714	PIPE CONC REINF 36IN CL III-STORM DRAIN	LF	2019000	280000	56532000	250000	50475000	270000	54513000
714	PIPE CONC REINF 42IN CL III-STORM DRAIN	LF	2128000	335000	71288000	350000	74480000	378000	80438400
714	END SECT-CONC REINF 42IN	EA	2000	500000	1000000	500000	1000000	540000	1080000
714	PLUG PIPE-ALL TYPES & SIZES	EA	2000	350000	700000	200000	400000	216000	432000
722	MANHOLE 48IN	EA	1000	1000000	1000000	730000	730000	829000	829000
722	MANHOLE 60IN	EA	8000	1300000	10400000	1000000	8000000	1121000	8968000
722	MANHOLE 72IN	EA	13000	1400000	18200000	1500000	19500000	1661000	21593000
722	MANHOLE 84IN	EA	3000	2500000	7500000	1800000	5400000	1985000	5955000
722	MANHOLE 108IN	EA	1000	3000000	3000000	2700000	2700000	2957000	2957000
722	INLET-TYPE 2	EA	17000	670000	11390000	500000	8500000	540000	9180000
722	INLET-TYPE 2 DOUBLE	EA	45000	1050000	47250000	850000	38250000	918000	41310000
722	INLET SLOTTED DRAIN 15IN	LF	90000	400000	3600000	300000	2700000	324000	2916000
722	INLET SLOTTED DRAIN 18IN	LF	20000	500000	10000000	400000	8000000	432000	8640000
722	INLET CATCH BASIN-TYPE A	EA	2000	500000	1000000	350000	700000	378000	756000
722	ADJUST GATE VALVE BOX	EA	13000	500000	6500000	450000	5850000	205000	2665000
722	ADJUST MANHOLE	EA	1000	300000	300000	825000	825000	1130000	1130000
722	ADJUST MANHOLE SPECIAL	EA	1000	500000	500000	700000	700000	797000	797000
722	AIR RELIEF VALVE & MANHOLE	EA	1000	1500000	1500000	5000000	5000000	5441000	5441000
724	FITTINGS-DUCTILE IRON	LBS	2388000	3000	7164000	1800	4298400	19000	4537200
724	REMOVE GATE VALVE & BOX	EA	13000	250000	3250000	500000	6500000	540000	7020000
724	GATE VALVE & BOX 6IN	EA	2000	350000	700000	350000	700000	378000	756000
724	GATE VALVE & BOX 8IN	EA	3000	400000	1200000	450000	1350000	486000	1458000
724	GATE VALVE & BOX 24IN	EA	1000	5000000	5000000	5300000	5300000	5724000	5724000
724	6IN HYDRANT	EA	4000	900000	3600000	1100000	4400000	1188000	4752000
724	HYDRANT-RELOCATE	EA	2000	500000	1000000	300000	600000	324000	648000
724	ADJUST HYDRANT	EA	1000	250000	250000	500000	500000	540000	540000
724	REMOVE HYDRANT	EA	7000	200000	1400000	400000	2800000	432000	3024000
724	SLEEVE 24IN	EA	5000	500000	2500000	1000000	5000000	1080000	5400000
724	TAPPING SLEEVE AND VALVE 24IN X 10IN	EA	1000	1500000	1500000	1400000	1400000	1512000	1512000
724	TAPPING SLEEVE AND VALVE 24IN X 6IN	EA	2000	1500000	3000000	900000	1800000	972000	1944000
724	TAPPING SLEEVE AND VALVE 24IN X 8IN	EA	1000	1800000	1800000	1100000	1100000	1188000	1188000
724	WATERMAIN 6IN	LF	146000	115000	16790000	300000	4380000	324000	4730400
724	WATERMAIN 8IN	LF	169000	120000	20280000	500000	8450000	540000	9126000
724	WATERMAIN 16IN	LF	325000	200000	65000000	320000	10400000	346000	11245000
724	24IN WATERMAIN	LF	44000	120000	5280000	200000	8800000	216000	9504000
724	ADJUST SPRINKLER HEAD	EA	7000	500000	3500000	825000	5775000	432000	3024000
724	FORCEMAIN 10IN	LF	3051000	225000	68647500	120000	36612000	130000	39663000
724	FORCEMAIN 14IN	LF	978000	240000	23472000	200000	19560000	216000	21124800
724	FORCEMAIN 18IN	LF	2119000	250000	52975000	230000	48737000	248000	52551200

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION
Deputy Director For Engineering:

AWARD TO: KNIFE RIVER CORPORATION - NORTH CENTRAL

WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.

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DATE OF AWARD

DEPARTMENT OF TRANSPORTATION Deputy Director For Engineering

ND DEPARTMENT OF TRANSPORTATION

SHEET NO 3 OF 3

ABSTRACT OF BIDS RECEIVED

PROJECT NO. AC-NHU-1-981(137) CPU-1-981(140)	NO. 23859	BIDDER ENGINEERS ESTIMATE	BIDDER KNIFE RIVER CORPORAT ION - NORTH CENTRAL	BIDDER NORTHERN IMPROVEMENT COMPANY
COUNTY & DATE BURLEIGH (015) FEB 16, 2024 09:30AM LENGTH & TYPE 2.638 BISMARCK S WASHINGTON ST (BURLEIGH-DENVE			SAUK RAPIDS, MN	FARGO, ND
COMPLETION TIME 06/28/25 GRADING, AGGREGATE BASE, PCC PAVEMENT,		c.c. CHECK RANK 00	c.c. BOND RANK 01	c.c. BOND RANK 02

SPEC. NO.	ITEM DESCRIPTION	UNIT	QUANTITY	BID PRICE	AMOUNT	BID PRICE	AMOUNT	BID PRICE	AMOUNT
744	INSULATION BOARD	CF	469000	25000	1172500	60000	2814000	65000	3048500
748	CURB & GUTTER MOUNTABLE-TYPE I	LF	308000	55000	1694000	61500	1894200	66400	2045120
748	CURB & GUTTER-TYPE I	LF	2433000	55000	13381500	49250	11982525	53200	12943560
748	CURB & GUTTER-TYPE I 30IN	LF	12301000	55000	67655500	53900	66302390	58200	71591820
748	CURB-TYPE I	LF	114000	45000	5130000	78800	8983200	85100	9701400
750	PIGMENTED IMPRINTED CONCRETE	SY	855000	120000	10260000	205000	17527500	222000	18981000
750	SIDEWALK CONCRETE 4IN	SY	9150000	80000	73200000	57500	52612500	62600	57279000
750	SIDEWALK CONCRETE 6IN	SY	601000	150000	9015000	70000	4207000	75600	4543560
750	CONCRETE MEDIAN NOSE PAVING	SY	19000	150000	285000	329600	626240	356000	676400
750	DRIVEWAY CONCRETE 8IN	SY	18000	150000	270000	200000	360000	216000	388800
750	DETECTABLE WARNING PANELS	SF	859000	50000	4295000	65000	5583500	70200	6030180
752	FENCE CHAIN LINK	LF	2412000	50000	12060000	29150	7030980	31200	7525440
754	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	573000	25000	1432500	40000	2292000	43200	2475360
754	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	323000	25000	807500	40000	1292000	43200	1395360
754	FLEXIBLE DELINEATORS-TYPE D	EA	38000	150000	570000	65000	247000	70000	266000
754	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	1195000	20000	2390000	17000	2031500	18400	2198800
754	RESET SIGN PANEL	EA	6000	60000	360000	125000	750000	135000	810000
754	RESET SIGN SUPPORT	EA	2000	300000	600000	200000	400000	216000	432000
754	OBJECT MARKERS - TYPE I	EA	4000	200000	800000	200000	800000	216000	864000
762	PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED)	SF	774000	45000	3483000	30000	2322000	32400	2507760
762	PREFORMED THERMO PLASTIC PVMT MK 6IN LINE	LF	937000	13000	1218100	10000	937000	10800	1011960
762	PREFORMED THERMO PLASTIC PVMT MK 24IN LINE	LF	722000	45000	3249000	30000	2166000	32400	2339280
762	PREFORMED THERMO PLASTIC PVMT MK MESSAGE	SF	69000	30000	207000	20000	138000	21600	149040
762	PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED	LF	27567000	7500	20675250	6000	16540200	6500	17918550
762	PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED	LF	4535000	15000	6802500	12000	5442000	13000	5895500
770	LIGHTING SYSTEM A	EA	1000	340000000	340000000	322000000	322000000	345600000	345600000
770	LIGHTING SYSTEM B	EA	1000	200000000	200000000	225000000	225000000	240800000	240800000
772	IT SYSTEM	EA	1000	300000000	300000000	317000000	317000000	340200000	340200000
772	TRAFFIC SIGNAL SYSTEM - SITE 1	EA	1000	330000000	330000000	397250000	397250000	426600000	426600000
970	LANDSCAPING APPURTENANCES	L SUM	1000	80000000	80000000	19150000	19150000	28500000	28500000
970	SHELTER	EA	1000	15000000	15000000	18150000	18150000	19400000	19400000
970	TREES	EA	193000	750000	14475000	745000	14378500	910000	17563000
	TOTAL				1624228210		1698661865		1775827390
						NO LIMIT		NO LIMIT	

ACTION TAKEN BY DEPARTMENT OF TRANSPORTATION
Deputy Director For Engineering:

AWARD TO: KNIFE RIVER CORPORATION - NORTH CENTRAL

WHEN PRELIMINARY ARRANGEMENTS ARE COMPLETED.