

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland, Construction Engineer

SUBJECT: Construction Bids for No Name Dike

DATE: January 30, 2023

The No Name Dike Culvert Rehabilitation Project at Station 47+65 is in western Douglas County along the Platte River, as shown on the enclosed location map. The Project consists of rehabilitation of one aging levee penetration/36 inch diameter metal culvert in the No Name Dike System. This work includes, but is not limited to, dewatering, slip-lining with HDPE (plastic) pipe and grouting the existing culvert, and removal and replacement of rip rap at the outlet.

On January 25, 2023, the District opened bids for the No Name Dike Culvert Rehabilitation Project at Station 47+65. Four bids were received ranging from \$146,100.00 to \$194,158.00. The lowest bid that met bidding requirements was \$176,025.00 and was submitted by Nelson and Rock Contracting Inc. Enclosed is a bid summary.

The Engineer's cost estimate for the No Name Dike Culvert Rehabilitation Project at Station 47+65, prepared by Houston Engineering, is \$161,315.70. Enclosed is the engineer's bid recommendation letter. It is the engineer's recommendation that the bid of \$176,025.00 received from Nelson and Rock Contracting Inc., be accepted.

Management recommends that the Programs, Projects and Operations Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract with Nelson and Rock Contracting Inc. in the amount of \$176,025.00 for the construction of the No Name Dike Culvert Rehabilitation Project at Station 47+65, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.

January 30, 2023

Mr. Martin Cleveland, PE
Papio-Missouri River NRD
8901 South 154th Street
Omaha, NE 68138

Subject: No Name Dike Culvert Rehabilitation Project Sta 47+65 – Engineer’s Recommendation

Dear Mr. Cleveland:

The bid opening for the above-referenced project was held at the Papio-Missouri River NRD on 25 January 2023 at 10 am. After a review of the four submitted bids, the low-bidder – Bauer Infrastructure, LLC, was informed that their bid was rejected because of a missing acknowledgement of Addendum #1.

The next low bid of \$176,025.00 was received from Nelson & Rock Contracting, Inc. and was \$14,709.30 above the engineer’s estimate of \$161,315.70. All required documents accompanied the bid. The other three bids are listed below:

Bauer Infrastructure, LLC	\$146,100.00
PSC Construction, Inc.	\$188,380.00
MC Wells Contracting, LLC	\$194,158.00

The unit prices appear to be in line with the current bidding climate. Nelson & Rock Contracting, Inc has completed similar culvert rehabilitation work for the Papio-Missouri River NRD in 2017 on the Big Papio Levee Culverts Project Phase 1 and are capable of performing the work required for this project.

My recommendation is to award the project to Nelson & Rock Contracting, Inc and begin the contracting process upon Board approval. Please feel free to contact me if you have any questions.

Sincerely,

HOUSTON ENGINEERING, INC.



Lindy Rogers, PE
Senior Civil Engineer
Direct: 402.934.8475
lrogers@houstoneng.com

Project: No Name Dike Culvert Rehabilitation Sta 47+65
 Bid Opening: 25-Jan-23
 Houston Proj. No: 001-22-01

Basis of Bid				BAUER INFRASTRUCTURE		MC WELLS		RECOMMENDED BID NELSON & ROCK CONTRACTING, INC		PSC CONSTRUCTION, INC		ENGINEER'S ESTIMATE	
	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.01	MOBILIZATION	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 29,000.00	\$ 29,000.00	\$ 48,000.00	\$ 48,000.00	\$ 19,500.00	\$ 19,500.00	\$ 14,690.00	\$ 14,690.00
1.02	CLEAN AND JET CULVERT	LF	104	\$ 130.00	\$ 13,520.00	\$ 35.00	\$ 3,640.00	\$ 30.00	\$ 3,120.00	\$ 55.00	\$ 5,720.00	\$ 71.50	\$ 7,436.00
1.03	CONSTRUCT AND REMOVE TEMPORARY COFFER DAMS	EA	2	\$ 13,000.00	\$ 26,000.00	\$ 9,000.00	\$ 18,000.00	\$ 20,000.00	\$ 40,000.00	\$ 4,000.00	\$ 8,000.00	\$ 15,600.00	\$ 31,200.00
1.04	DEWATERING	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 34,000.00	\$ 34,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,500.00	\$ 4,500.00	\$ 13,000.00	\$ 13,000.00
1.05	REMOVE 36" DIA CMP	LF	2	\$ 300.00	\$ 600.00	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 2,500.00	\$ 5,000.00	\$ 72.80	\$ 145.60
1.06	EXCAVATION FOR REINFORCED BEDDING	CY	16	\$ 85.00	\$ 1,360.00	\$ 49.00	\$ 784.00	\$ 50.00	\$ 800.00	\$ 200.00	\$ 3,200.00	\$ 19.50	\$ 312.00
1.07	EMBANKMENT FOR REINFORCED BEDDING	CY	22	\$ 120.00	\$ 2,640.00	\$ 99.00	\$ 2,178.00	\$ 80.00	\$ 1,760.00	\$ 200.00	\$ 4,400.00	\$ 37.70	\$ 829.40
1.08	TENSAR TRIAX TS 130X	SY	40	\$ 18.00	\$ 720.00	\$ 50.00	\$ 2,000.00	\$ 25.00	\$ 1,000.00	\$ 75.00	\$ 3,000.00	\$ 24.70	\$ 988.00
1.09	GROUT TO FILL VOIDS	CY	5	\$ 950.00	\$ 4,750.00	\$ 950.00	\$ 4,750.00	\$ 600.00	\$ 3,000.00	\$ 700.00	\$ 3,500.00	\$ 1,040.00	\$ 5,200.00
1.10	REMOVE AND REINSTALL FIELD FENCE	LF	295	\$ 15.00	\$ 4,425.00	\$ 20.00	\$ 5,900.00	\$ 10.00	\$ 2,950.00	\$ 20.00	\$ 5,900.00	\$ 13.00	\$ 3,835.00
1.11	REMOVE FLARED END SECTION	EA	1	\$ 295.00	\$ 295.00	\$ 900.00	\$ 900.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 520.00	\$ 520.00
1.12	36" DIA GALVANIZED STEEL FLARED END SECTION	EA	1	\$ 1,350.00	\$ 1,350.00	\$ 1,800.00	\$ 1,800.00	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,600.00	\$ 2,600.00
1.13	REMOVE, REHABILITATE AND REPLACE FLAP GATE FOR 36" DIA CMP	EA	1	\$ 4,200.00	\$ 4,200.00	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,250.00	\$ 3,250.00
1.14	30" OD HDPE LINER PIPE	LF	104	\$ 125.00	\$ 13,000.00	\$ 500.00	\$ 52,000.00	\$ 400.00	\$ 41,600.00	\$ 750.00	\$ 78,000.00	\$ 373.10	\$ 38,802.40
1.15	GROUT TO FOR HDPE SLIPLINING	CY	8	\$ 950.00	\$ 7,600.00	\$ 950.00	\$ 7,600.00	\$ 1,000.00	\$ 8,000.00	\$ 700.00	\$ 5,600.00	\$ 1,170.00	\$ 9,360.00
1.16	REMOVE DEGRADED RIPRAP AROUND PIPE OUTLET	LS	1	\$ 4,200.00	\$ 4,200.00	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 4,875.00	\$ 4,875.00	\$ 2,600.00	\$ 2,600.00
1.17	6" RIPRAP BEDDING MATERIAL	SY	99	\$ 105.00	\$ 10,395.00	\$ 35.00	\$ 3,465.00	\$ 25.00	\$ 2,475.00	\$ 110.00	\$ 10,890.00	\$ 26.00	\$ 2,574.00
1.18	TYPE C RIPRAP	TN	99	\$ 105.00	\$ 10,395.00	\$ 129.00	\$ 12,771.00	\$ 80.00	\$ 7,920.00	\$ 105.00	\$ 10,395.00	\$ 167.70	\$ 16,602.30
1.19	TYPE B RIPRAP	TN	30	\$ 115.00	\$ 3,450.00	\$ 129.00	\$ 3,870.00	\$ 80.00	\$ 2,400.00	\$ 160.00	\$ 4,800.00	\$ 167.70	\$ 5,031.00
1.20	SEEDING	AC	0.4	\$ 5,500.00	\$ 2,200.00	\$ 12,500.00	\$ 5,000.00	\$ 10,000.00	\$ 4,000.00	\$ 11,500.00	\$ 4,600.00	\$ 5,850.00	\$ 2,340.00
TOTAL					\$ 146,100.00		\$ 194,158.00		\$ 176,025.00		\$ 188,380.00	TOTAL	\$ 161,315.70

Note 1

Notes:
 1. Bid submitted by Bauer Infrastructure was rejected because the bid did not acknowledge receipt of Addendum #1, as required by the contract. Addendum #1 updated the bid invitation and the specification table of contents.

WEST MAPLE RD.

PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT
NO-NAME DIKE CULVERT REHABILITATION
STATION 47+65
DOUGLAS COUNTY, NEBRASKA

270th ST.

STATION 47+65
ONE 36" DIAMETER CMP
TO BE REHABILITATED

NO-NAME DIKE

PLATTE RIVER



270th ST.

BLONDO ST.

1/17/2023