## Memorandum

To: Projects, Programs, and Operations Subcommittee

From: Terry Schumacher, Land & Water Programs Coordinator

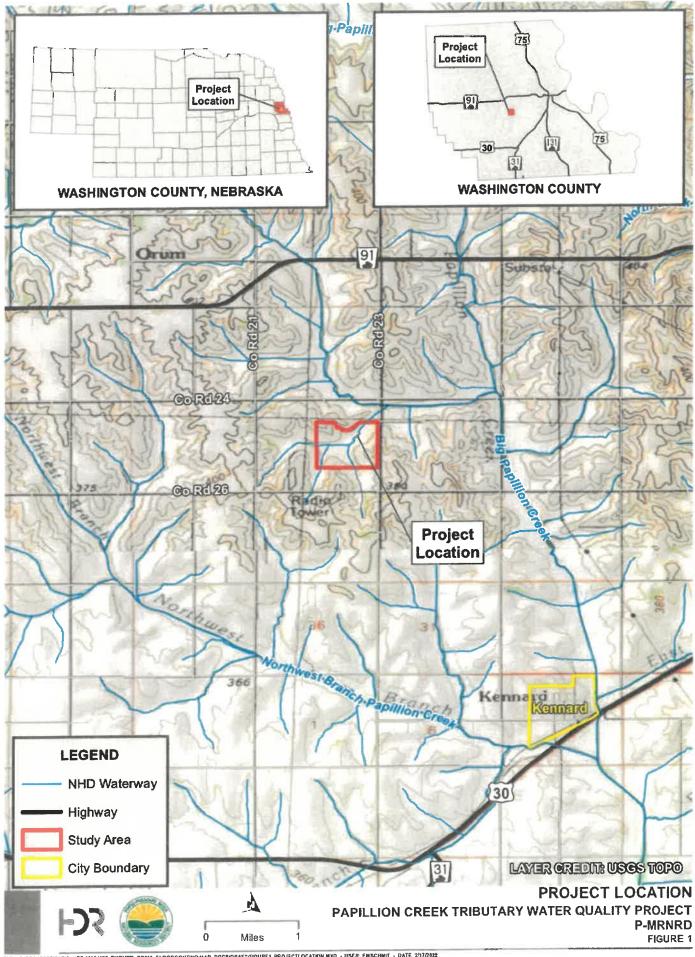
Date: May 31, 2024

RE: Bids for the Papillion Creek Tributary Section 319 Water Quality Project

The Papillion Creek Tributary Section 319 Water Quality Project is in Washington County, approximately 1.5 miles west and 3 miles north of Kennard, NE. (See attached map). The project is being administered under the Small Flood Control and Water Quality Structure Program – District Program 17.37. The project is designed as a high hazard structure to improve water quality and provide flood control in the Papillion Creek Watershed. The project is eligible for Federal Section 319 funding through the Nebraska Department of Environment and Energy in the amount of \$300,000.00 for the water quality improvement aspects of the project.

Bids were opened on April 30, 2024, and there was a total of seven bids received for the project and Pruett Grading, LLC was the low bidder with a bid of \$2,171,680.00. The engineer's estimate for the project is \$4,054,015.00. Enclosed is the bid tabulation and engineer's letter of recommendation from HDR.

Staff recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute a contract with Pruett Grading, LLC in the amount of \$2,171,680.00 for the Papillion Creek Tributary Section 319 Water Quality Project, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.





Sent Electronically on May 23, 2024

May 23, 2024

Terry L. Schumacher Land & Water Programs Coordinator Papio-Missouri River Natural Resources District 8901 South 154th Street Omaha, NE 68138-3621

RE: Section 319 WQ Project, Washington Co.

**Bid Recommendation** 

Dear Mr. Schumacher:

Bids were received for the construction of the Section 319 Water Quality Project on April 30, 2024. Per the attached bid tabulation, seven (7) bidders submitted bids which ranged from \$2,171,680.00 to \$4,287,850.90. The Engineer's opinion of probable construction cost of \$4,054,015 was within the bid range. A summary of the bids is attached.

In accordance with the requirements in Specification Section 00 41 00 Bid Form, all bidders were responsive and acknowledged receipt of the addendums, attached the necessary documents to the bid, and had attended the pre-bid meeting and site showing.

Bids were evaluated based on the lowest responsive bidder. The apparent low bid was submitted by **Pruett Grading, LLC** for **\$2,171,680.00**. This bid is \$907,320.59 lower than the next lowest bidder.

Pruett Grading, LLC is a respected, regional construction firm based in Logan, IA and is a current prequalified contractor for "Erosion Control", "Grading less than 500,000 CY", "Pipe Culvert", and "Rip Rap" work by the Iowa Department of Transportation (IDOT). Pruett was the General Contractor on several recent levee improvement earthwork projects (Vanman Levee, Upper Soldier Levee, and Glenwood Levees in Iowa) and a riffle dam project on the Nishnabotna River for Regional Water Rural Water Association in 2023. HDR has spoken to the Project Manager for the Glenwood levee project and received positive reviews of Pruett's work, including high marks on communication and documentation, and timeliness of operations.

The list of the subcontractors Pruett has proposed using include Fouts Land Survey, Woodbine, IA for surveying and material testing, JEO, Omaha, NE for migratory bird surveys, Terracon, Omaha, NE for material testing QC, and Heiden Concrete, Dennison, IA for concrete structures.

In evaluating the bids, the main items where Pruett Grading was significantly lower than the other bids were: Bid Item 0.1 Mobilization and Demobilization; Bid Item 0.3 Construction QC Material Testing, Bid Item 1.1 Water Management Control, and Bid Items 1.2 and 1.3 Main Dam Excavation and Embankment.

- 0.1 Mobilization and Demobilization Pruett's lump sum price was significantly lower than the
  average of the other bidders. The item covers pre-construction activities, delivery and removal of
  equipment from the site, providing construction trailers, site cleaning after construction, and other
  miscellaneous activities.
- 0.3 Construction QC Material Testing Pruett's lump sum price was significantly lower than the
  average of the other bidders. Pruett intends on using Terracon for testing services. Required tests
  and numbers of tests are included in the specifications, and it may not be feasible to conduct the
  required number for the price bid.
- 1.1 Water Management Control Pruett intends on self-performing dewatering activities via trench
  drains and sump pumping and has indicated familiarity and experience with dewatering on other
  projects. Other Bidders proposed using well systems designed and installed by a dewatering
  subconsultant.
- 1.2 and 1.3 Main Dam Excavation and Embankment Pruett has indicated to the Engineer post-bid that they specialize in efficiently moving dirt, and that they are comfortable with their bid.
- 1.8, 1.9, and 1.10 Principal Spillway and Structures Pruett's bid for the riser and outlet concrete structures, and pressure pipe are generally in conformance with other bidders.

HDR spoke with Dan Pruett after the bid, and Mr. Pruett indicated that he stands by his bid. However, the Board should anticipate that, due to the significant difference in the overall bid price, there will be a likelihood of Change Orders during construction.

Based on the available information, we recommend a construction contract be awarded to **Pruett Grading**, **LLC** in the total of amount of **\$2,171,680.00** for construction of the Section 319 Water Quality Project.

If you have any questions do not hesitate to contact me at (402) 399-1185.

Very truly yours, HDR ENGINEERING, INC.

Troy R. Meyer, P.E. Project Engineer

**Enclosure** 



Mathematic   Mat					Enginee	Engineer's Estimata	Ashland Ros	Road Excavating	Dixon Construction	struction	General E	General Excavation	Graham Construction	metruction	Prum	Pruett Grading	Pruss	Pruse Excavation	Vall	Valley Corp.
Continue of the continue of	E		TINO	OT.	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNIT PRICE	EXTENSION	UNITPRICE	EXTENSION
Control Cont	12	Mobilization and Demobilization	SI	1	\$ 324,000	\$ 324,000,00	\$ 150,252.50		\$ 280,000.00 \$	280,000.00	\$ 409,291.70	409,291.70	\$ 300,000,00 \$	300,000.00	\$ 15,000,00	\$ 15,000.00		\$ 194,636,00	\$ 329,577,57	\$ 329,577,57
Particular control c	2	Construction Survey	ภ	1	\$ 56,000		\$ 24,060,00		\$ 21,000.00 \$	21,000.00	\$ 32.000.00	32,000.00			\$ 15,000.00	\$ 15,000.00	40	\$ 35,500.00	\$ 28,895,48	\$ 28,695,48
Particular   Par	2	Construction Quality Control Material Testing	SJ	1	\$ 120,000	w	\$ 208,568.00		\$ 100,000,001 \$	100,000,00	\$ 80,000.00		\$ 206,722,62 \$	206,722,62	\$ 8,000.00	<b>"</b>	40	104,500,00	\$ 45,678,52	\$ 45,678,52
This continue and the	2	Clearing and Grubbing	ี่อ		\$ 5,000		\$ 7,500.00		\$ 12,000.00 \$	12,000.00	\$ 25,000.00		\$ 16,760.85 \$	16,780.85	\$ 8,500,00		•	\$ 18,000.00	5 13,502.19	\$ 13,502.19
Mathement and interpretation   1	50	Stripping and Topsoiling	ð	16,980	90'9		\$ 3,25		\$ 00,7 \$	118,860,00	\$ 3.70		\$ 3,35	56,883,00	\$ 5.00	.,	3.00	\$ 50,940,00	\$ 5.72	\$ 97,125.60
Mathematication   1	9.	Migratory Bird Surveys	SI	-	\$ 20,000		\$ 10,000,00		\$ 500,000 \$	200.00	\$ 2,500,00		\$ 22,017,53 \$	22,017,53	\$ 1,500,00			1,800,00	\$ 2,436,19	\$ 2,436,19
Mathement critical mathematic matternation mathematic mathematic mathematic mathematic mathematic	12	Driveway Removal and Replacement	23	-	\$ 29,500	\$ 29,500,00	\$ 8,250,00	8.250.00	\$ 7,000.00 \$	2,000.00	\$ 38,521,50	38,521,50	\$ 9,497,81 \$	9,497.81	\$ 8,000,00	8,000.00	s	31,600.00	\$ 14,274,59	\$ 14,274,59
Mathemather control   Control   Mathemather   Contro	15	Water Management Control	S	.7	\$ 300,000	\$ 300,000.00	\$ 178,275.00		\$ 470,000.00 \$	470,000.00	\$ 125,000.00			300,000,00	\$ 55,000.00	\$ 55,000.00	\$ 100,000.00	\$ 100,000.00	\$ 594,451.05	\$ 594,451,05
Main tementations   C   20   100   2   100	2	Main Dam Bank Excavations	ó	40,500	\$ 5,00	\$ 202,500.00	\$ 4.25	172,125.00	\$ 3.00 \$	121,500.00	\$ 5,30		\$ 10,00 \$	405,000.00	\$ 2.50	50	\$ 4.34	\$ 175,770,00	3.16	\$ 127,980.00
Control Cont		Main Dam Embankment	δ	98,250	8.00		3.98		\$ 3.40 \$	334,050.00	\$ 6,00	589,500.00	\$ 8,00	786,000,00	\$ 3,00	45	\$ 4.91	\$ 482,407.50	\$ 5.05	\$ 496,162,50
Control Engine	3	Additional Overexcavations	ó	1,000	5.00		\$ 4.75		\$ 7.00 \$	7,000,00	\$ 6.30	6,300.00	\$ 11.00 \$	11,000.00	\$ 2.50	67	\$ 5.00	\$ 5,000,00	5 8,48	\$ 8,480,00
Final continuity of the part of the continuity	5	Embankment for Additional Overexcavations	ò	1,000			\$ 6,25		\$ 00.7 \$	00'000'2	\$ 7.96	7,950,00	\$ 4,47 \$	4,470,00	3,00		\$ 6.50	\$ 6,500,00	\$ 10,96	\$ 10,960,00
The control	4	Internal Drainage 478 Aggregate	ó	3,650	75	s,	\$ 104.10	ľ	\$ 55,00 \$	200,750,00	\$ 54,90	200,365,00	\$ 120.00 \$	438,000.00	\$ 54.00	57	60	\$ 164,250,00	\$ 60,92	\$ 222,358,00
Principal Simular Part Part Part Part Part Part Part Pa	h;	Internal Drainage Collection System	ឧ	-	47,375	us.	\$ 103,523.04	ĺ	\$ 73,000.00 \$	73,000.00	\$ 150,000.00	150,000.00	\$ 225,000,00 \$	225,000,00	\$ 85,000.00	\$ 85,000.00	w	\$ 199,125.00	\$ 134,250,16	\$ 134,250,16
	100	Principal Spillway Injet Riser Structure	ຄ	-			\$ 58,563.85		\$ 300,000,000 \$	300,000,00	\$ 188,000.00	186,000.00		480,000.00	\$ 300,000.00	\$ 300,000.00	•	\$ 230,425.00	\$ 231,942,46	\$ 231,942,48
Principal Salukay Outsit Salukay O	D,	48" Principal Spillway and 24" Drawdown Pipe	21	1		\$ 638,250,00	\$ 379,288,74		\$ 300,000,000 \$	300,000,00	\$ 420,000.00	420,000,00	\$ 40,000,00 \$	40,000,00	\$ 260,000,00	50	50	\$ 495,425.00	\$ 409,338,98	\$ 409,338,98
Main Dum Soveline Righton   10 kt   2 mt	r:	Principal Spillway Outlet Stilling Basin	ม	-			\$ 98,811.30		\$ 300,000,000 \$	300,000,00	210,000,00			332,899,00	\$ 290,000.00	••	**	\$ 259,425.00	\$ 215,903.08	\$ 216,903.08
Main Dum Nighely, MOT'Ype 8   10   2   2   2   2   2   2   2   2   2	В	Н	TON	2,300		49	\$ 113,81		\$ 82,00 \$	211,600,00	\$ 115,85	266,455,00	\$ 100.50 \$	231,150,00	\$ 78,00		s	\$ 218,500,00	\$ 104.84	\$ 241,132,00
Contributed Wellands Bank Transmistory   Contributed Wellands Bank Transmissory   Contributed Bank Transmissory   Co	17	-	HOT	290	110		\$ 84.30		\$ 82,00 \$	54,280,00	\$ 164,60	97,114,00	\$ 100,50 \$	59,295,00	\$ 78,00		**	\$ 79.650.00	\$ 138.40	\$ 80,478,00
Converted Withiard Chankment   CY   1,0,500   S   1,0,50	2	Constructed Wetlands Bank Excavation	Ծ	2,500		LA,	\$ 4.25			23,650,00	\$ 5.30	29,150,00	\$ 11,78 \$	64,645,00	\$ 2,50	••	50	\$ 23,870,00	\$ 6.40	\$ 29,700,00
Controlled Vicinity   E.   2.   2.   2.   2.   2.   2.   2.	2	Constructed Wetlands Embankment	δ	10,650			\$ 3.88			36,210,00	\$ 6.30	67,095.00	\$ 6.70 \$	71,355,00	\$ 3.00	**	s	\$ 53,250.00	\$ 4.99	\$ 53,143.50
Statistic Countries   15   15   15   15   15   15   15   1	2	Constructed Wetlands Filters	చ	2			\$ 103,463.42		100,000,001	200,000.00	\$ 119,425.00	238,850,00	\$ 9,609,55 \$	19,219,10	\$ 65,000.00	•	*	\$ 195,932,00	\$ 78,994,63	\$ 157,989,26
Secrite, Tryor X.— Upband Mix.  ACT: 8. 1.500 S. 1.500 S. 1.500 S. 1.500 D. 2.	<del> </del>	SWPPP, Erosion, and Sediment Control	SI	-1			105,574.80	_		100,000.00	\$ 107,250.45	107,250.45	\$ 62,673.18 \$	62,673.18	\$ 12,000,00	*		\$ 116,084,00	\$ 59,539.84	\$ 59,539,84
Secriet, Tryor of Function Miles   1,54   2, 1,500   5   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,5	2	Seeding, Type 'A' – Upland Mix	ACRE	36			2		\$ 1,395.00 \$	38,270.00	\$ 1,920.00	49,920.00	\$ 3,247.32 \$	84,430.32	\$ 350,00	*		\$ 39,910,00	\$ 4,099,35	\$ 106,583,10
Secritar, Transfer Maria   1.6   5, 5,000   5, 0,15,000	6.0	Seeding, Type 'B' Mesic Mix	ACRE	10.4	\$ 1,600	wh	\$ 2,130,00		\$ 1,650,00 \$	19,240,00	\$ 2,163.80	22,503,52	\$ 2,036.62	21,180,85	\$ 400.00	wh		\$ 21,112.00	\$ 2,752,42	\$ 28,625,17
All Other Work Hold Covered by a Bid litery   15   15   15   15   15   15   15   1	4	Seeding, Type 'C' - Wetland Mix	ACRE	1.6	5,000	••	9		\$ 2,500,00 \$	4,000,00	\$ 3,200,00	5,120,00	\$ 2,752,19 \$	4,403,50	\$ 500,00	•		\$ 4.400.00	\$ 4,597.13	\$ 7,355,41
\$ 3,075,000.50 \$ 3,075,000.50 \$ 4,200,440.30 \$ \$ 4,200,440.30 \$ \$ 171,090.00 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ \$ 1,090.40 \$ 1,0	뒣	All Other Work Not Covered by a Bid Item	SI	-		50	78,742.52	Ш	\$ 28,000.00 \$	28,000.00	00'000'00 \$	30,000.00	\$ 5,589.49 \$	5,589.49	\$ 15,000,00			\$ 99,250.00	\$ 38,057,28	\$ 38,057,28
Year         Year         Year         Year		TOTAL				\$ 4,054,015.00		3,079,000,59				3,675,382.17						\$ 3,407,241.50		\$ 3,786,717,93
		Addendum #1	4					Yax	L	Yan	-	Yes	L_	Yes		No.		Vac		
Yea		Addardson #2	. 2				_	Yae	_	× ×	_	×		Yes		,		Α,		
Yea Yea Yea 970070 b501/200 b001/200 b0		Subcontractors						Yes	1	Yes	_	Yes		Yes		A.		× ×		
0701Z4 0709E24 Summer 2024 0601Z4		Pre-Bid Meeting	- Bu					Yes	Ш	Yes	_	Yes		Yes		Yer		Yes		
		Estimated Start Date	4				_	07/01/24		07/08/24	_	Summer 2024	_	06/01/24		05/28/2	_	08/17/24		05/28/24