

Agenda Item: 6.b.

**MEMORANDUM**

**TO:** Programs Projects and Operations Subcommittee

**FROM:** Lowell Roeber, Field Representative and Pigeon/Jones Watershed Coordinator

**SUBJECT:** Review and Recommendation of Bids Received for Pigeon/Jones Creek Grade Control Structure PJ 9.

**DATE:** April 1, 2013

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On March 28, 2013, District staff opened bids for the construction of Pigeon/Jones Creek Grade Control Structure (PJ 9) in Dakota County. This project is a 16,165 cubic yard earthen grade control structure located on a tributary to the Pigeon Creek. This structure will be the sixth of twenty-two planned structures to be built. The Pigeon/Jones Creek Special Watershed Project is a project developed by the Natural Resources Conservation Service and the P-MRNRD. The project was also designed to reduce the amount of sediment leaving the watershed and deposited downstream in the Pigeon levee system.

Attached for the Subcommittee's review is a summary of the bids received. Once given the notice to proceed, the contractor will have 60 days to complete the project.

Based on the bids received, Detlefsen Construction's bid of \$83,590.33 is the apparent low bid. District Staff and the Natural Resources Conservation Service (NRCS) have reviewed the bids submitted and believe that Detlefsen Construction is the lowest and best bidder. The engineer's estimate for this project is \$84,267.83.

Pigeon Jones Site 9 is being built with the help of federal funds from the Environmental Quality Incentives Program (EQIP). The EQIP cost-share funding for this site is \$34,143.29. The P-MRNRD will contribute \$49,447.04.

**It is staff's recommendation that the Subcommittee recommend to the Board that the General Manager be authorized to execute a contract with Detlefsen Construction Inc. for the construction of Pigeon/Jones Creek Grade Control Structure PJ 9 in the bid amount of \$83,590.33 subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**

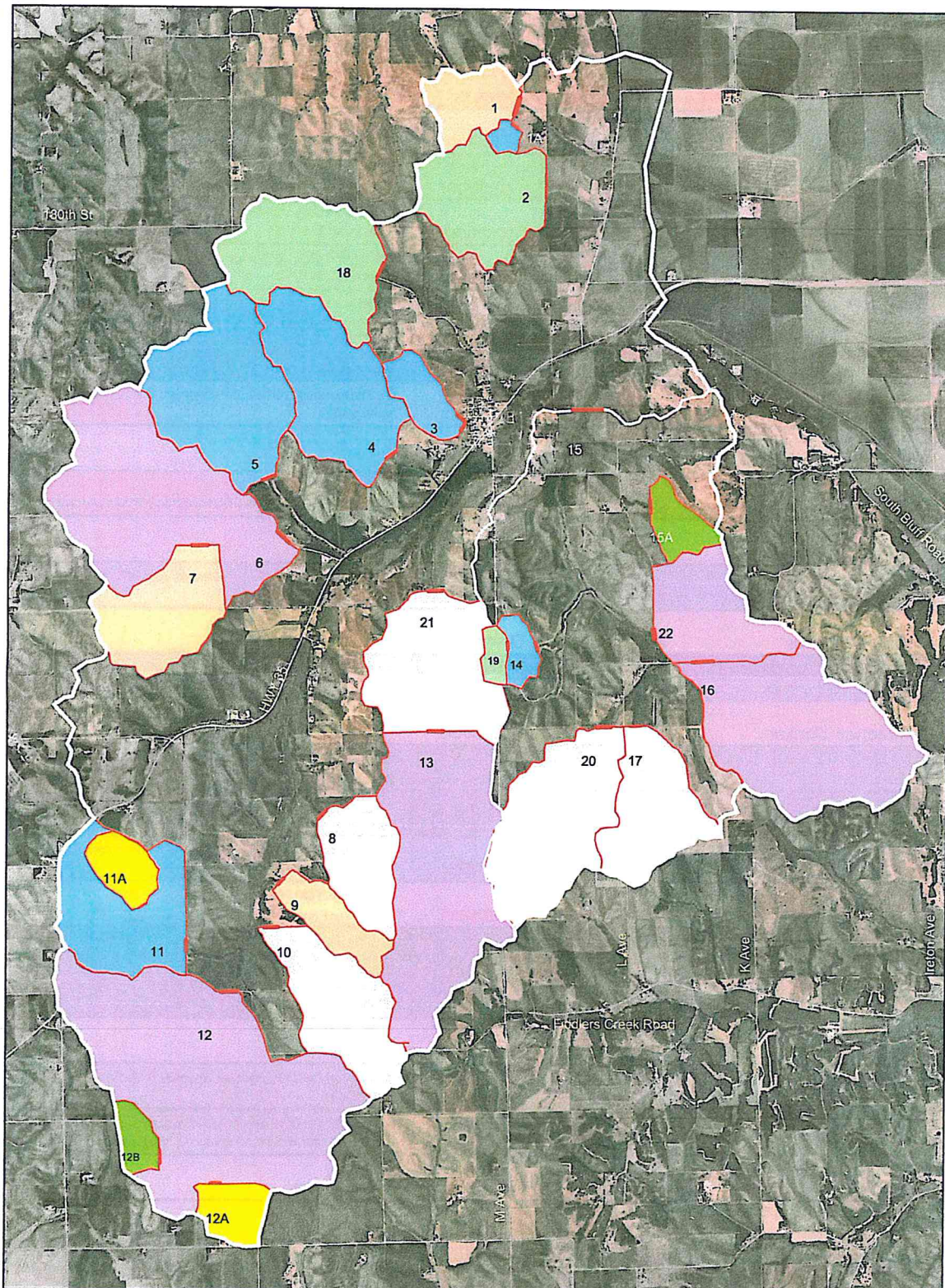
<b>ISSUING OFFICE:</b>				<b>Engineer Estimate:</b>				<b>Page 1 of 2</b>	
Papio-Missouri River NRD 8901 South 154th Street Omaha, Nebraska 68138				\$ 84,267.82		<b>2. DATE ISSUED</b>		<b>3. DATE OPENED</b>	
				<b>B. GOVERNMENT ESTIMATE</b> (Check A, B or C and complete D, E and F)				3/28/2013	
						<b>9. OFFERS</b>			
<b>PROJECT TYPE:</b> Grade and Flood Control Structure						<b>NO. 1 - A. OFFEROR</b>		<b>NO. 2 - A. OFFEROR</b>	
<b>PIGEON JONES CREEK SITE 9</b>				<b>A.Hired Labor</b>		Detlefsen Construction		Japp Bros. Grading LLC	
						57363 HWY20, Box 115		P. O. Box 131	
						Laurel, NE 68745		Kennard, NE 68034	
<b>DAKOTA COUNTY, NEBRASKA</b>				<b>B. Reasonable Contract (wo pro)</b>		<b>B.BID SECURITY(TYPE/AMOUNT)</b> Bond/10%		<b>B.BID SECURITY(TYPE/AMOUNT)</b> Bond/10%	
<b>Date: 03/28/13</b>				<b>C. Reasonable Contract (w pro)</b>		<b>C.ADDENDA ACKNOWLEDGED:</b>		<b>C.ADDENDA ACKNOWLEDGED:</b>	
<b>7A. ITEM NO</b>	<b>7B. DESCRIPTION OF OFFERED ITEM</b>	<b>7C EST. QUANTITY</b>	<b>D. UNIT</b>	<b>E. UNIT PRICE</b>	<b>F. ESTIMATED AMOUNT</b>	<b>D. UNIT PRICE</b>	<b>E. ESTIMATED AMOUNT</b>	<b>D. UNIT PRICE</b>	<b>E. ESTIMATED AMOUNT</b>
1	Mobilization		Subsidiary	----	----	----	----	----	----
2	Water	20	1000/GAL	28.00	\$ 560.00	30.00	\$ 600.00	35.00	\$ 700.00
3	Site Preparation	2.5	AC	1,750.00	\$ 4,375.00	2900.00	\$ 7,250.00	6325.60	\$ 15,814.00
4	Excavation	6,925	CY	2.50	\$ 17,312.50	2.80	\$ 19,390.00	3.20	\$ 22,160.00
5	Earthfill-Class C ompaction	16,165	CY	2.00	\$ 32,330.00	1.25	\$ 20,206.25	2.57	\$ 41,544.05
6	Drainfill	94	CY	46.00	\$ 4,324.00	57.67	\$ 5,420.98	43.10	\$ 4,051.40
7	*Concrete	1.4	CY	200.00	\$ 280.00	214.29	\$ 300.01	350.00	\$ 490.00
8	Reinforcing Steel	51.4	LB	2.80	\$ 143.92	2.25	\$ 115.65	2.00	\$ 102.80
9	CMP 24" Pipe & Appurtenance	142	FT	48.00	\$ 6,816.00	58.85	\$ 8,356.70	84.08	\$ 11,939.36
10	CMP 8" Pipe & Appurtanance	28	FT	28.00	\$ 784.00	58.85	\$ 1,647.80	18.92	\$ 529.76
11	CMP - Riser 36"	8	FT	250.00	\$ 2,000.00	58.85	\$ 470.80	193.78	\$ 1,550.24
12	Structural Steel	612	LB	3.20	\$ 1,958.40	2.90	\$ 1,774.80	4.93	\$ 3,017.16
13	Rock RipRap-Outlet	6	CY	80.00	\$ 480.00	65.13	\$ 390.78	80.16	\$ 480.96
14	Rock RipRap-Inlet	12	CY	92.00	\$ 1,104.00	65.13	\$ 781.56	78.33	\$ 939.96
15	Seed/Mulch	2	AC	1,875.00	\$ 3,750.00	1950.00	\$ 3,900.00	2500.00	\$ 5,000.00
16	Fencing	3500	FT	2.30	\$ 8,050.00	3.71	\$ 12,985.00	3.84	\$ 13,440.00
17									
18									
19									
<b>TOTALS</b>					\$ 84,267.82		\$ 83,590.33		\$ 121,759.69

7A ITEM NO.	(PJ9) OFFERS - CONTIUED								Page 2 of 2	
	NO.3 - A. OFFEROR		NO.4 - A. OFFEROR		NO.5 - A. OFFEROR		NO.6 - A. OFFEROR		NO.7 - A. OFFEROR	
	Nelson and Rock Contracting		Holly A Brown Consruction Inc.		Flewelling Earthmoving Inc.		Lieber Construction Inc.			
	23565 Co Hwy K45		88342 587th Ave.		2667 140th ST		2024 120th ST			
	Onawa, IA 51040		Ponca, NE 68770		Moville, IA 50139-0134		Lawton, IA 51030			
	B.BID SECURITY(TYPE/AMOUNT) Bond/5%		B.BID SECURITY(TYPE/AMOUNT) Bond/10%		B.BID SECURITY(TYPE/AMOUNT) Bond/10%		B.BID SECURITY(TYPE/AMOUNT) Bond/10%		B.BID SECURITY(TYPE/AMOUNT)	
	C.ADDENDA ACKNOWLEDGED:		C.ADDENDA ACKNOWLEDGED:		C.ADDENDA ACKNOWLEDGED:		C.ADDENDA ACKNOWLEDGED:		C.ADDENDA ACKNOWLEDGED:	
	D. UNIT PRICE	E. ESTIMATED AMOUNT	D. UNIT PRICE	E. ESTIMATED AMOUNT	D. UNIT PRICE	E. ESTIMATED AMOUNT	D. UNIT PRICE	E. ESTIMATED AMOUNT	D. UNIT PRICE	E. ESTIMATED AMOUNT
1	0	\$ -	0	\$ -	0.00	\$ -	0.00	\$ -		
2	250.00	\$ 5,000.00	75.00	\$ 1,500.00	30.00	\$ 600.00	128.00	\$ 2,560.00		
3	5000.00	\$ 12,500.00	1500.00	\$ 3,750.00	3830.00	\$ 9,575.00	3600.08	\$ 9,000.20		
4	6.50	\$ 45,012.50	1.40	\$ 9,695.00	1.18	\$ 8,171.50	1.72	\$ 11,911.00		
5	4.56	\$ 73,712.40	2.16	\$ 34,916.40	2.90	\$ 46,878.50	2.42	\$ 39,119.30		
6	60.00	\$ 5,640.00	47.20	\$ 4,436.80	95.89	\$ 9,013.66	39.90	\$ 3,750.60		
7	1000.00	\$ 1,400.00	350.00	\$ 490.00	300.00	\$ 420.00	300.00	\$ 420.00		
8	5.00	\$ 257.00	9.73	\$ 500.12	1.00	\$ 51.40	4.00	\$ 205.60		
9	100.00	\$ 14,200.00	57.00	\$ 8,094.00	94.84	\$ 13,467.28	66.00	\$ 9,372.00		
10	50.00	\$ 1,400.00	18.00	\$ 504.00	24.00	\$ 672.00	16.50	\$ 462.00		
11	400.00	\$ 3,200.00	150.00	\$ 1,200.00	226.00	\$ 1,808.00	1225.00	\$ 9,800.00		
12	7.00	\$ 4,284.00	7.66	\$ 4,687.92	3.41	\$ 2,086.92	4.50	\$ 2,754.00		
13	250.00	\$ 1,500.00	50.00	\$ 300.00	54.75	\$ 328.50	51.00	\$ 306.00		
14	200.00	\$ 2,400.00	50.00	\$ 600.00	82.16	\$ 985.92	63.00	\$ 756.00		
16	1450.00	\$ 2,900.00	2100.00	\$ 4,200.00	1950.00	\$ 3,900.00	2500.00	\$ 5,000.00		
17	4.95	\$ 17,325.00	2.50	\$ 8,750.00	5.00	\$ 17,500.00	3.00	\$ 10,500.00		
18										
19										
20										
TOTALS		\$ 190,730.90		\$ 83,624.24		\$ 115,458.68		\$ 105,916.70		\$ -



# PIGEON/JONES WATERSHED DAKOTA COUNTY

Date: 6/13/2011



## Legend

- PJ Watershed
- PLANNED
  - ROAD STRUCTURES
  - CONTRACTED (EQIP)
  - COMPLETED
  - ADDITIONAL CONTRACTED STRUCTURES
  - ADDITIONAL PLANNED STRUCTURES
  - CANCELLATION PROBABLE





**PIGEON JONES WATERSHED**  
**DAKOTA COUNTY**  
**Updated 6/13/2011**

SITE	LANDOWNER	ESTIMATED DRAINAGE ACRES	STRUCTURE TYPE	STATUS
1	Gerald Bosquet	217	Detention	Currently under a 2007 EQIP contract. Plans completed.
1A	Gerald Bosquet	34	Detention	Completed Feb. 2010 with NRD funding. Final Cost: \$3210
2	Patrick Dorsey	488	Detention	Will probably be cancelled. Grade Control not required.
3	Dan & Pearl Hartnett	196	Detention	Completed Aug. 2004 with NRD funding. Final cost: \$190,609
4	J Hartnett Farms	670	Detention	Completed Oct. 2005 with EQIP and NRD funding. Final cost: \$75,043
5	Dan & Pearl Hartnett	700	Detention	Completed Oct. 2005 with EQIP and NRD funding. Final cost: \$75,679
6	Earl Davis Trust	1575	Road Structure	
7	Earl Davis Trust	450	Detention	Currently under 2008 EQIP contract. Survey completed spring 2009.
8	Andersen Farms	320	Detention	
9	Ray Freeman	201	Detention	Currently under a 2008 EQIP contract. Plans completed.
10	Andersen Farms	481	Detention	
11	Andersen Farms (formerly Herman Simmons)	640	Road Structure	Completed Dec. 1998 with County and NRD funding. Final cost: \$120,706
11A	J Hartnett Farms	142	Detention	
12	Blanche Beckenhauer	1976	Road Structure	Dakota County: High Priority Site
12A	Constance Denker	138	Detention	
12B	J Hartnett Farms	92	Detention	Currently under a 2008 EQIP contract. Drafting of plans in progress.
13	Randy Lussier & Barbara Green	1153	Road Structure	
14	Andersen Farms	150	Detention	Completed Oct. 2005 with EQIP and NRD funding. Final cost: \$39,127
15	Roland Wachter	5340	Detention	Multi-purpose: Flood Control and Recreational Use
15A	Eugene Rohde	129	Detention	Currently under a 2007 EQIP contract. Review of plans in progress.
16	Eugene Rohde	1025	Road Structure	Dakota County: Priority Site. Olssons designing. Planning for summer 2012 construction.
17	Lester Albrecht	433	Detention	Surveyed 2010
18	Kevin Heeney	621	Detention	Cancelled (NRCS Engineer deemed it Technically Infeasible)
19	Andersen Farms	45	Full Flow	Cancelled (landowner installed suitable conservation practices and the structure is no longer needed)
20	Larry Albrecht	682	Full Flow	Surveyed 2010
21	J. Hartnett Farms & William Walsh	1783	Detention	
22	Eugene Rohde	1451	Road Structure	Dakota County: Priority Site. Olssons designing. Planning for summer 2012 construction.

	Planned
	Road Structures
	Contracted (EQIP)
	Completed
	Additional Contracted Structures
	Additional Planned Structures
	Cancelled or Cancellation Probable
INFO	Recreational Site