

MEMORANDUM

TO: Programs Projects and Operations Subcommittee

SUBJECT: Review and Recommendation of Bids Received for Silver Creek Watershed Structure Site # 11

DATE: May 5, 2011

FROM: Ralph Puls, Project Coordinator and Paul Woodward, Olsson & Associates

On April 29, 2011, bids were opened for the construction of Dam Site #11 of the Silver Creek Watershed Project in Burt County, a copy of the bid tabulation is attached. The Silver Creek Special Watershed Project is a project developed by the Natural Resources Conservation Service and the P-MRNRD. It is a multi-purpose project designed to control erosion and provide grade stabilization in the 25 square mile watershed through construction of terrace systems and erosion control/grade stabilization dams. The project was also designed to reduce the amount of sediment leaving the watershed and deposited downstream in the Burt-Washington Drainage District. Site #11 is the last structure to be built in the watershed project plan, and is the largest structure as well. A Wetland Mitigation Bank will be developed as a part of the project.

Olsson & Associates designed the structure, and a letter from them is attached. The letter states that the apparent low bidder is Dixon Construction Company from Correctionville, Iowa. Their bid was in the amount of \$1,267,735.30. The Engineers estimate for the construction of this structure is \$1,325,012.04. Olsson's reviewed the work history for similar projects and based upon Dixon's work history and references (attached), conclude that the contractor can successfully construct this structure. Olsson's recommend that a contract be awarded to Dixon Construction Company.

- **Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute a contract with Dixon Construction Company for the construction of Silver Creek Watershed Site #11 in the amount of \$1,267,735.30 subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**



May 3, 2011

Mr. Ralph Puls
Papio-Missouri River Natural Resources District
8901 S. 154th Street
Omaha, NE 68138

RE: Silver Creek Watershed Project, Dam Site #11
OA Project # 004-1269

Dear Mr. Puls:

Bids were received for the above referenced project at the Papio-Missouri River NRD's office on Friday, April 29, 2011. Per the attached bid tab, five complete bids were received. The apparent low bid was submitted by Dixon Construction, Co. in the amount of \$1,267,735.30. The Engineer's construction budget for this project was set at \$1,325,012.04, so the low bid is below the estimated construction cost.

After the bid letting, we received information and discussed Dixon Construction's work history for both Olsson Associates and other similar construction projects. Based upon these discussions and their previous work references, which we have enclosed, we have no reason to believe the Contractor will not successfully perform on this project.

We therefore would recommend a contract be awarded to Dixon Construction, Co. in the total amount of \$1,267,735.30.

Please advise if you require any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'David Nielsen', is written over a light blue horizontal line.

David Nielsen, PE

Enc.

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Mill-Picayune Creek Watershed Protection and Flood Prevention Project - Site M-8, Repair

Contract No.: 165-SWCD-MP-6-14

Location: Shelby County, IA

Contract Amount: \$284,475

Year Completed: 1997

Contracting Organization: Shelby County SWCD
1112 Morningview Drive
Harlan, IA 51537-2013

Contact: Crawford County NRCS
Attn: Brian Meyers
3539 Southern Hills Drive
Sioux City, IA 51106
Phone: 712-276-4648 Ext. 104
Inspector - Ray Brotherton

Waubonsie Creek Watershed - Sites M-4 & M-5

Contract No.: 129-SWCD-WC-7-20

Location: Mills County, IA

Contract Amount: \$837,360

Year Completed: 1998

Contracting Organization: Mills County Soil and Water Conservation District
204 W 5th
Malvern, IA 51551

Contact: Mills County Soil and Water Conservation District
Attn: Paul Hathaway
204 West 5th Street
Malvern, IA 51551-0190
Phone: 712-624-8606
Inspector - Mark McCurdy

Little Sioux River Watershed Protection - Glen Ellen Subwatershed Rehabilitation - Sites 2-2, 3-1, & 3-2

Contract No.: 193-SWCD-LSGE-3-17

Location: Woodbury County, IA

Contract Amount: \$628,711

Year Completed: 2007

Contracting Organization: Woodbury County SWCD
206 1st St
Sergeant Bluff, IA 51054

Contact: Woodbury County SWCD
Attn: Lewis Byers
206 1st Street
Sergeant Bluff, IA 51054
Phone: 712-276-4648
Inspector - Corby Walde 712-276-4648 Ext. 106



**SILVER CREEK WATERSHED DAM SITE 11
BURT COUNTY, NEBRASKA - 2011**

BID TABULATION
29-Apr-2011 OA #004-1269
3:30 p.m. Page 1 of 1

CONTRACTOR				Dixon Construction Co		Joy Dirt Construction		Pruss Excavation		Commercial Contractors		Valley Corp	
Item No.	ITEM	UNIT	QTY.	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	Mobilization	LS	1	187,000.00	\$187,000.00	44,359.00	\$44,359.00	149,600.00	\$149,600.00	75,000.00	\$75,000.00	96,363.31	\$96,363.31
2	Sediment and Erosion Control	LS	1	27,000.00	\$27,000.00	26,750.00	\$26,750.00	7,950.00	\$7,950.00	8,500.00	\$8,500.00	218,882.96	\$218,882.96
3	Water (Applied to Earth Fill if required)	1,000 G	30	100.00	\$3,000.00	25.00	\$750.00	35.00	\$1,050.00	35.00	\$1,050.00	254.69	\$7,640.70
4	Clearing and Grubbing	LS	1	34,000.00	\$34,000.00	31,479.00	\$31,479.00	34,854.00	\$34,854.00	40,000.00	\$40,000.00	24,355.15	\$24,355.15
5	Excavation	CY	22,300	1.70	\$37,910.00	4.50	\$100,350.00	1.50	\$33,450.00	2.45	\$54,635.00	2.10	\$46,830.00
6	Earth Fill	CY	269,024	1.70	\$457,340.80	2.40	\$645,657.60	2.80	\$753,267.20	3.75	\$1,008,840.00	4.52	\$1,215,988.48
7	Salvage and Spread Topsoil	SY	46,069	1.50	\$69,103.50	1.25	\$57,586.25	0.56	\$25,798.64	0.35	\$16,124.15	1.00	\$46,069.00
8	Drain Fill (ASTM C-33)	CY	91	30.00	\$2,730.00	37.81	\$3,440.71	67.20	\$6,115.20	40.00	\$3,640.00	79.95	\$7,275.45
9	Drain Fill (NDOR 47B)	CY	1,935	32.00	\$61,920.00	38.20	\$73,917.00	28.89	\$55,902.15	32.50	\$62,887.50	82.19	\$159,037.65
10	Rip Rap Bedding Material (NDOR 47B)	CY	82	32.00	\$2,624.00	41.35	\$3,390.70	52.72	\$4,323.04	40.00	\$3,280.00	45.22	\$3,708.04
11	Concrete Class 4000 (Formed)	CY	25	1,450.00	\$36,830.00	550.00	\$13,970.00	1,312.50	\$33,337.50	850.00	\$21,590.00	1,224.56	\$31,103.82
12	Concrete Class 4000 (Pipe Bedding)	CY	24	400.00	\$9,560.00	475.00	\$11,352.50	315.00	\$7,528.50	650.00	\$15,535.00	243.45	\$5,818.46
13	Reinforcing Steel	LB	5,166	2.00	\$10,332.00	2.20	\$11,365.20	1.26	\$6,509.16	1.25	\$6,457.50	1.61	\$8,317.26
14	30" Reinforced Concrete Pressure Pipe w/Beveled S	LF	340	300.00	\$102,000.00	258.09	\$87,750.60	262.50	\$89,250.00	290.00	\$98,600.00	263.78	\$89,685.20
15	10" PVC DR-18 C900 Drawdown Pipe	LF	75	50.00	\$3,750.00	39.74	\$2,980.50	31.50	\$2,362.50	35.00	\$2,625.00	26.85	\$2,013.75
16	Knife Gate Drawdown Valve and Appurtenances	LS	1	7,000.00	\$7,000.00	4,522.39	\$4,522.39	2,520.00	\$2,520.00	4,800.00	\$4,800.00	2,624.62	\$2,624.62
17	6" Perforated PVC Collection Pipe (Schedule 40)	LF	582	10.00	\$5,820.00	13.90	\$8,089.80	17.33	\$10,086.06	9.85	\$5,732.70	13.96	\$8,124.72
18	4" Perforated PVC Collection Pipe (Schedule 40)	LF	1,949	7.00	\$13,643.00	12.73	\$24,810.77	14.44	\$28,143.56	5.95	\$11,596.55	12.52	\$24,401.48
19	6" Solid Wall PVC Drain Pipe (Schedule 40)	LF	60	10.00	\$600.00	20.50	\$1,230.00	21.00	\$1,260.00	14.95	\$897.00	10.50	\$630.00
20	4" Solid Wall PVC Drain Pipe (Schedule 40)	LF	147	7.00	\$1,029.00	19.43	\$2,856.21	17.85	\$2,623.95	13.50	\$1,984.50	10.46	\$1,537.62
21	Rock RipRap	CY	1,242	52.00	\$64,584.00	50.35	\$62,534.70	55.54	\$68,980.68	49.00	\$60,858.00	50.86	\$63,168.12
22	Grouted Rock RipRap	CY	19	220.00	\$4,224.00	210.00	\$4,032.00	30.72	\$589.82	70.00	\$1,344.00	191.89	\$3,684.29
23	Geotextile Filter Fabric	SY	2,036	2.50	\$5,090.00	2.25	\$4,581.00	1.63	\$3,318.68	2.25	\$4,581.00	2.27	\$4,621.72
24	Metal Fabrication and Installation (Trash Rack)	LS	1	5,000.00	\$5,000.00	7,000.00	\$7,000.00	472.50	\$472.50	5,800.00	\$5,800.00	588.35	\$588.35
25	Seeding and Mulching – Type I	AC	21	1,000.00	\$20,600.00	1,150.00	\$23,690.00	593.25	\$12,220.95	600.00	\$12,360.00	1,164.03	\$23,979.02
26	Seeding and Mulching – Type II	AC	13	800.00	\$10,320.00	1,350.00	\$17,415.00	477.75	\$6,162.98	500.00	\$6,450.00	1,002.86	\$12,936.89
27	Seeding and Mulching – Type III	AC	11	1,500.00	\$16,200.00	1,750.00	\$18,900.00	987.00	\$10,659.60	1,050.00	\$11,340.00	1,587.86	\$17,148.89
28	Fencing	LF	13,005	5.00	\$65,025.00	5.50	\$71,527.50	5.78	\$75,168.90	3.50	\$45,517.50	6.57	\$85,442.85
29	Gates (as Specified by Engineer)	EA	3	500.00	\$1,500.00	350.00	\$1,050.00	367.50	\$1,102.50	500.00	\$1,500.00	417.86	\$1,253.58
30	Embankment Settlement Gages	EA	4	500.00	\$2,000.00	4,326.00	\$17,304.00	675.00	\$2,700.00	1,200.00	\$4,800.00	1,556.18	\$6,224.72
TOTAL BASE BID:				\$1,267,735.30		\$1,384,642.43		\$1,437,308.07		\$1,598,325.40		\$2,219,456.10	
Addendum No. 1:				April 18,2011		April 18,2011		April 18,2011		April 18, 2011		April 18,2011	
Bid Guarantee:				Received		Received		Received		Received		Received	
Remarks:						Discrepancy on Bid Form							
						Bid form total \$1,415,158.73							

	EOY (May and June Billings)	FY2012	Description
INCOME			
Jones Creek 15 Prof Services (Sec 319 Grant)	40000	72500	Sec 319 funding for Jones Creek sediment and grade control structure design
Jones Creek 15 Watershed Construction (Sec 319 Grant)	0	120000	Sec 319 funding for Jones Creek sediment and grade control structure construction
Jones Creek 15 Construction (NET Grant)	0	1820650	Reimbursement from NET Grant for construction
Jones Creek 15 Construction (Dakota County)	0	300000	Reimbursement from Dakota County per agreement
Jones Creek 15 Construction (NGPC Grant)	0	825000	Grant from NGPC
	40000	3138150	
EXPENSES			
Item			
Jones Creek 15 Prof Services	66000	375000	Remaining \$163,000 for Site 15 recreation design and project management, remaining 46,000 for Jones Creek sediment and grade control structure design, additional 150,000 for Site 15 Construction Observation in FY 2012, 16,000 for Wetland Mitigation Bank Application
Jones Creek 15 Construction	0	6050000	Estimated construction cost completed for dam, roads and fisheries before July 2012, also includes 400,000 for upstream road structures. Const costs for the Pigeon Cr levee, offline storage area, and rec area will be carried forward into FY 2013.
Silver Creek Site 11 Prof Services	10000	40000	Remaining \$40,000 for construction observation
Silver Creek Site 11 Construction	100000	1200000	Contractor will likely submit an invoice for June, remainder of \$1.3 million construction will fall in FY 2012
	176000	7665000	