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-MRN RD. 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,

David Nielsen, PE

Enc.

F:\Projects\20041299\Specs 11 & 35\New 2011-05-03 Engineer Recommend Award.docx
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
## Contract Tabulation

### Item No. | Item Description | Contractor
--- | --- | ---
1 | Mobilization | Dixson Construction Co
2 | Sediment and Erosion Control | Joy Dirt Construction
3 | Water (Applied to Earth Fill if required) | Pruss Excavation
4 | Clearing and Grubbing | Commercial Contractors
5 | Excavation | Valley Corp
6 | Earth Fill |
7 | Salvage and Spreader |
8 | Drain Fill (ASTM C-33) |
9 | Drain Fill (NDOR 47B) |
10 | Rip Rap Bedding Material (NDOR 47B) |
11 | Concrete Class 4000 (Formed) |
12 | Concrete Class 4000 (Pipe Bedding) |
13 | Reinforcing Steel |
14 | 30" Reinforced Concrete Pressure Pipe w/Beveled Spigot Wall Fitting |
15 | 10" PVC DR-18 C900 Drawdown Pipe |
16 | Knife Gate Drawdown Valve and Appurtenances |
17 | 6" Perforated PVC Collection Pipe (Schedule 40) |
18 | 4" Perforated PVC Collection Pipe (Schedule 40) |
19 | 6" Solid Wall PVC Drain Pipe (Schedule 40) |
20 | 4" Solid Wall PVC Drain Pipe (Schedule 40) |
21 | Rock RipRap |
22 | Grooved Rock RipRap |
23 | Geotextile Filter Fabric |
24 | Metal Fabrication and Installation (Trash Rack) |
25 | Seeding and Mulching – Type I |
26 | Seeding and Mulching – Type II |
27 | Seeding and Mulching – Type III |
28 | Fencing |
29 | Gates (as Specified by Engineer) |
30 | Embankment Settlement Gages |

### BID TABULATION

**Silver Creek Watershed Dam Site 11**

**Burt County, Nebraska - 2011**

**Bid Submission Date:**
- April 18, 2011 (Received)
- April 21, 2011 (Discrepency on Bid Form)

**Bid Guarantee:**
- April 18, 2011 (Discrepency on Bid Form)
- April 21, 2011 (Bid form total $1,415,158.73)

**Remarks:**

Discrepency on Bid Form

Bid form total $1,415,158.73
<table>
<thead>
<tr>
<th>Item</th>
<th>EOY (May and June Billings)</th>
<th>FY2012</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jones Creek 15 Prof Services (Sec 319 Grant)</td>
<td>40000</td>
<td>72500</td>
<td>Sec 319 funding for Jones Creek sediment and grade control structure design</td>
</tr>
<tr>
<td>Jones Creek 15 Watershed Construction (Sec 319 Grant)</td>
<td>0</td>
<td>120000</td>
<td>Sec 319 funding for Jones Creek sediment and grade control structure construction</td>
</tr>
<tr>
<td>Jones Creek 15 Construction (NET Grant)</td>
<td>0</td>
<td>1820650</td>
<td>Reimbursement from NET Grant for construction</td>
</tr>
<tr>
<td>Jones Creek 15 Construction (Dakota County)</td>
<td>0</td>
<td>300000</td>
<td>Reimbursement from Dakota County per agreement</td>
</tr>
<tr>
<td>Jones Creek 15 Construction (NGPC Grant)</td>
<td>0</td>
<td>825000</td>
<td>Grant from NGPC</td>
</tr>
<tr>
<td></td>
<td>40000</td>
<td>3138150</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>EOY (May and June Billings)</th>
<th>FY2012</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jones Creek 15 Prof Services</td>
<td>66000</td>
<td>375000</td>
<td>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</td>
</tr>
<tr>
<td>Jones Creek 15 Construction</td>
<td>0</td>
<td>6050000</td>
<td>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.</td>
</tr>
<tr>
<td>Silver Creek Site 11 Prof Services</td>
<td>10000</td>
<td>40000</td>
<td>Remaining $40,000 for construction observation</td>
</tr>
<tr>
<td>Silver Creek Site 11 Construction</td>
<td>100000</td>
<td>1200000</td>
<td>Contractor will likely submit an invoice for June, remainder of $1.3 million construction will fall in FY 2012</td>
</tr>
<tr>
<td></td>
<td>176000</td>
<td>7665000</td>
<td></td>
</tr>
</tbody>
</table>