

**Programs, Projects & Operations  
Subcommittee Meeting  
February 8, 2011  
6:30 p.m.  
Agenda**

**Programs, Projects & Operations:**

John Conley, Chairman  
Fred Conley, Vice-Chairman  
David Klug  
Rich Tesar  
Jim Thompson

**Alternate Members:** Gus Erickson  
Tim Fowler

**Staff Liaison:** Gerry Bowen  
Martin Cleveland \*  
Amanda Grint  
Ralph Puls  
Dick Sklenar

1. Meeting Called to Order – Chairperson John Conley
2. Notification of Open Meetings Act Posting and Announcement of Meeting Procedure – Chairperson John Conley
3. Quorum Call
4. Adoption of Agenda
5. Proof of Publication of Meeting Notice
6. Review and Recommendation on Elkhorn River IPA Project:
  - a. Project Evaluation and Recommendations – Bob Mussetter, Tetra Tech
  - b. Professional Services Contract with Tetra Tech – Gerry Bowen and Mike Sotak, Tetra Tech
  - c. Reinstatement of O&M Assessment – Gerry Bowen
7. Review and Recommendation on Elkhorn River 240<sup>th</sup> Street Area (Sarpy County) – Gerry Bowen
  - a. Professional Services Contract with Tetra Tech
  - b. Interlocal Agreement with Sarpy County
8. Review and Recommendation on City of Papillion Recreation Area Development Application for Glenwood Hills Park Project – Gerry Bowen and Jeff Thompson, City of Papillion
9. Review and Recommendation on Bid Opening for 2011 Long Reach Hydraulic Excavator – Bill Warren and Jean Tait

10. Review and Recommendation on Water Tower Painting Contract for Thurston County Rural Water - Dick Sklenar
11. Changes to District Policies – Director Japp
12. Request payment for payment of approximately \$6.5 million of the 1/3 requirement in the PCWP obligation for funds spent on land acquisitions for dams site #5 – Director Japp
13. Adjourn

6. Review and Recommendation on Elkhorn River IPA Project:

- a. Project Evaluation and Recommendations – Bob Mussetter,  
Tetra Tech

Tetra Tech Technical Memorandum – Subject: Preliminary Observations and Recommendations for Repairs to Elkhorn River IPA is posted under Agenda Item 6.a.

## Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: Elkhorn River IPA – Professional Engineering Services Agreement with Tetra Tech, Inc.

Date: February 4, 2011

From: Gerry Bowen

The District hired Tetra Tech, Inc. to conduct a study of the Elkhorn River Improvement Project Area to determine the effectiveness of the project after 20 years, and also to assess needed repairs to the project following the June, 2010 high water event. The report listed needed repairs and maintenance items for the project. A map of the 12 treatment sites, and a table summarizing the needed repairs and maintenance items are attached. The estimated total cost of the repairs is \$2.3 million (Site Number 13 on the table is excluded since it is outside of the IPA boundaries).

Management has asked Tetra Tech, Inc. to prepare a draft scope of services and cost estimate, to perform professional engineering services to design the needed repairs and maintenance for the Elkhorn River IPA Bank Stabilization Project. Modeling of the Elkhorn River within the IPA is included to ensure that the most effective, long term solution is identified.

The proposed services are estimated to cost \$359,736. The detailed scope of services and a spreadsheet summarizing the proposed fees are attached. The scope of services includes alternative evaluation, final design, environmental permitting, preparation of construction documents, bidding, and construction observation.

It is proposed that the District waive its normal consultant selection process and hire Tetra Tech, Inc. for the following reasons:

1. Time is of the essence. The District has obtained emergency funding from FEMA for a portion of the cost of these repairs.
  2. The individuals at Tetra Tech, Inc. who will be providing the proposed engineering services are the same individuals who designed the original bank protection measures in 1989-90. Management believes that Tetra Tech, Inc.'s expertise in major river systems is essential to providing the needed services on this project. Further, they are already familiar with the area.
- **It is recommended that the Subcommittee recommend to the Board that the District waive its consultant selection procedures and that the General Manager be authorized to execute a professional engineering services agreement for the Elkhorn River IPA Bank Stabilization Project with Tetra Tech, Inc. with a maximum not-to-exceed fee of \$359,736, subject to changes deemed necessary by the General Manager, and acceptance as to form by District legal counsel.**

## Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: Elkhorn River IPA – Operation and Maintenance Assessment

Date: February 1, 2011

From: Gerry Bowen

When the Elkhorn River IPA was constructed in 1990, the District's engineering consultants estimated that future operation and maintenance costs over the projected 50-year life of the project would be approximately \$500,000. Based on that, \$10,000 was collected annually from the benefitted landowners through a special assessment from 1989-1999. The funds collected were placed in an interest-bearing account to be used for O&M on the project. The current balance in the Elkhorn River IPA Operation and Maintenance Fund is approximately \$80,000.

The Tetra Tech, Inc. damage estimates from their investigation following the high water event this past June are approximately \$2 million. As a result, the staff believes, the Elkhorn River IPA O&M Fund needs to be maintained at a minimum level of \$250,000. Therefore, it is proposed that the Board levy a special assessment against properties in the IPA in the amount of \$15,000 per year to achieve and retain that amount. The attached assessment schedule shows the apportionment of this amount between and among the various properties. Landowners were notified of this possible reestablishment of the O&M assessment in an October 1, 2010 letter (attached).

Over the following months, staff will evaluate, and possibly recommend an adjustment to the amount to be assessed in 2012 and following years.

- **It is recommended that the Subcommittee recommend to the Board that a special assessment for operation and maintenance of the Elkhorn River Bank Stabilization Project be levied in the amount of \$15,000 per year to achieve and maintain a minimum balance of \$250,000 in the Elkhorn River IPA Operation and Maintenance Fund.**

## Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: 240<sup>th</sup> Street (Sarpy County) Elkhorn River – Professional Engineering Services Agreement with Tetra Tech, Inc.

Date: February 4, 2011

From: Gerry Bowen

In January, 2011, the Board directed Management to select and negotiate a professional services agreement with a consultant to design a solution to the bank erosion along the Elkhorn River in Sarpy County near the Graham, Gilmore, and Kelsay properties (see attached map). Since the main public benefit would be to protect 240<sup>th</sup> Street, management was also directed to seek an interlocal agreement with Sarpy County to share the costs of the project.

NRCS determined that the project is eligible for assistance under the Emergency Watershed Protection Program, however, no funds have been made available.

Management believes that Tetra Tech, Inc. is the most qualified firm to perform these engineering services as they have been involved with stabilization projects on many major rivers in the nation, including the District's Elkhorn River IPA project.

Therefore, Management asked Tetra Tech, Inc. to prepare a draft scope of services and cost estimate (attached) to perform professional engineering services to evaluate and design the most cost effective, long-term measure to protect 240<sup>th</sup> Street and the private property in this area.

The proposed services are estimated to cost \$169,072. The scope of services includes alternative evaluation, final design, environmental permitting, preparation of construction documents, bidding, and construction observation.

- **It is recommended that the Subcommittee recommend to the Board that the District waive its consultant selection procedures and that the General Manager be authorized to execute a professional engineering services agreement for the 2450<sup>th</sup> Street Elkhorn River Stabilization Project with Tetra Tech, Inc. with a maximum not-to-exceed fee of \$169,072, subject to changes deemed necessary by the General Manager, and acceptance as to form by District legal counsel.**

## Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: 240<sup>th</sup> Street/Elkhorn River – Interlocal Agreement with Sarpy County

Date: February 4, 2011

From: Gerry Bowen

In January, 2011, the Board directed Management to select and negotiate a professional services agreement with a consultant to design a solution to the bank erosion along the Elkhorn River in Sarpy County near the Graham, Gilmore, and Kelsay properties (see attached map). Since the main public benefit would be to protect 240<sup>th</sup> Street, management was also directed to seek an interlocal agreement with Sarpy County to share the costs of the project.

A draft interlocal agreement is attached that calls for Sarpy County to share the costs of the engineering project to determine the most cost effective, long-term solution to protect 240<sup>th</sup> Street from Elkhorn River streambank erosion.

Sarpy County will be considering this agreement at their February 8, 2011 meeting.

Management recommends approval.

- **It is recommended that the Subcommittee recommend to the Board that the General Manager be authorized to execute an Interlocal Cooperation Act agreement with Sarpy County for the 240<sup>th</sup> Street Bank Stabilization Project, pending approval by Sarpy County and subject to changes deemed necessary by the General Manager and accepted as to form by District legal counsel.**

## Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: City of Papillion Request – Glenwood Hills Park

Date: February 1, 2011

From: Gerry Bowen

In April, 2010, the District approved a Recreation Area Development Program application from the City of Papillion for improvements to Glenwood Hills Park. The project was to install a park shelter and to relocate a bridge to the park. The approval amount was \$24,059 (50% of \$48,118).

Due to a change in the floodplain maps for Midland Creek in May, 2010, the City needs to prepare a “no-rise” certificate in order to install the bridge. The cost for this study was not included in the original application. In addition, the cost to prepare bidding documents was not included. The City estimates these costs to be approximately \$12,000.

They are asking (see attached letter) for an increase in the maximum cost share amount for the project from \$24,059 to \$30,000. The project has not been bid or constructed, therefore, these cost are estimates. The District’s program provides for a cost share rate of 50% of actual costs up to the maximum amount approved by the Board.

Management recommends approval.

- **It is recommended that the Subcommittee recommend to the Board that the maximum cost share amount for the City of Papillion’s Glenwood Hills Park Recreation Area Development Project be increased from \$24,059 to \$30,000.**



## MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

SUBJECT: Bid Opening for a New 2011, Long Reach Hydraulic Excavator

DATE: January 31, 2011

FROM: Jean Tait and Bill Warren

In conjunction of the approval of the FY 2011 budget, request for bids for the purchase of a new, 2011 Long Reach Hydraulic Excavator (also referred to as a backhoe) were received and opened on January 27, 2011 at 10:00 a.m. in the District's Office. All of the submitted bids reflected on the bids summary sheet (attached) met required specifications. Staff recommendation is as follows:

One – New, 2011, Long Reach Hydraulic Excavator: The staff recommends that the bid submitted by Nebraska Machinery Company be accepted with the trade-in of the District's 1992 Link Belt Hydraulic Excavator serial number D2I30195 and its attachments. The annual payment will be \$34,214.15 a year for 5 years for a total of \$171,070.75 (which includes trade-in).

The budgeted amount for this item is five payments of \$44,000 per year over the next five years for a total of \$220,000.

- ***It is management's recommendation that the Subcommittee recommend to the Board that they accept the bid from Nebraska Machinery Company with trade-in of the Districts' 1992 Link Belt serial Number D2I3-195 and attachments for \$34,214.15 per year for the next 5 years and the purchase of the 5 year support agreement for \$5,274.***

# Memorandum

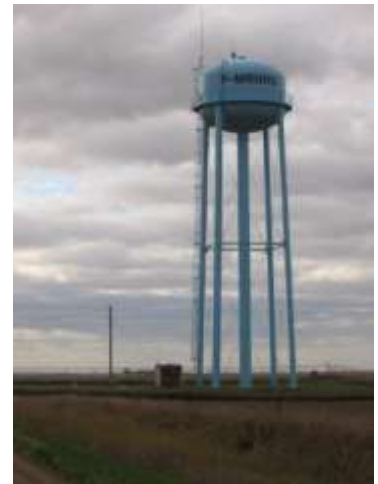
**To:** Program, Projects and Operations Subcommittee  
**Re:** Contract for Interior Painting of Thurston Rural Water Elevated Reservoir  
**Date:** January 31, 2011  
**From:** Dick Sklenar

Bids were opened on January 26, 2011, regarding the contract for painting the interior of the Thurston County Rural Water (TCRW) elevated storage reservoir. The 100,000 gallon reservoir, situated between the communities of Pender and Walthill, was last painted in 1998.

The following bids were received from contractors:

<u>Contractor Name</u>	<u>Bid Amount</u>
1. Maquire Iron Inc.	\$ 27,840.00
2. Caldwell Tanks Inc.	\$ 32,200.00
3. Tri-Brothers Contracting Inc.	\$135,000.00

This utility budgeted \$30,000 for the work in fiscal year 2011. Attached is the recommendation from the District's consultant (Bartlett & West).



- **Management recommends that the Subcommittee recommends to the District's Board of Directors that the firm of Maquire Iron Inc. be awarded the contract in the amount of \$27,840.00 for the painting of the interior of the Thurston County Rural Water elevated reservoir.**

## Agenda Item 11

**From:** Scott Japp <sjapp@huntel.net>  
**Sent:** Friday, January 28, 2011 10:35 AM  
**To:** Winkler, John <jwinkler@pacionrd.org>  
**Subject:** John

John

Please put on this coming agenda for the proper subcommittees the following items.  
Changes to the following programs

### 17.0 -17.1 Urban Conservation Program

1. Combine this program into one program.
2. Increase the maximum cost of the project to \$1.5 million
3. Remove the maxim cost of grassing to be increased in the cost of the project.
4. Provide 75% of cost share

### 17.10 Streambank Assistance

1. Provide 75% share of the project
2. Increase the maximum cost of the project to \$1.5 million

### 17.11 Emergency dike

1. provide 75% cost share
2. increase to maximum cost of project to 75%
3. Increase the maximum cost of the project to \$1.5 million.
4. remove the word after failure.
5. increase to 12 months.

### 17.17 Urban drainage

1. remove the word urban to include all open channels
2. provide 75% cost share

### 17.28 Streambed Stabilization

1. Increase to 75% cost share
2. Increase maximum cost to project to \$1.5 million

### 17.37 Small dams

1. Remove the minimum acres.
2. Increase maximum cost to project to \$1.5 million

### 17.41 BMP

1. Increase cost share to 75%
2. Increase maximum amount.

### 17.8 Road structures

1. Increase maximum rate to \$1.5 million

### 17.16 Urban Stormwater

1. Partners in PCWP must provide 33.33% of total project cost of project must be placed in escrow prior to project construction.

### 18.25 WSCC levee

1. Partners must provide their agreed amount of obligation of total project cost of project must be placed in escrow prior to project construction.

## Agenda Item 12

**From:** Scott Japp <sjapp@huntel.net>  
**Sent:** Friday, January 28, 2011 11:06 AM  
**To:** Winkler, John <jwinkler@papionrd.org>  
**Subject:** John

John

Place on the upcoming agenda and the proper subcommittee.  
Request payment for payment of approximately \$6.5 million of the 1/3 requirement in the PCWP obligation for funds spent on land acquisitions for dams site #5.

Scott Japp