



**Programs, Projects & Operations
Subcommittee Meeting
January 10, 2012
6:45 p.m.
(Or immediately following the PLPA Subcommittee Meeting)
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
Terry Schumacher *
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 Future Feasibility Study for Regional Water Supply in Dakota and Thurston Counties – Dick Sklenar and Tyler Hevlin, JEO Consulting Group, Inc.
7. Review and Recommendation on Big Papio Channel (105th to Pacific) Re-stabilization Project Construction Bids – Martin Cleveland and Laurie Carrette Zook, HDR Engineering
8. Adjourn

Agenda Item: 6.

MEMORANDUM TO: Programs, Projects & Operations Subcommittee

SUBJECT: Regional Water System Study for Dakota & Thurston Counties

DATE: January 5, 2012

FROM: Dick Sklenar

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The Bureau of Reclamation is providing a grant to have a study conducted (by JEO Consulting Group Inc.) on the feasibility of establishing a regional water supply system for northeast Nebraska. Such a system would provide water quality and quantity needs for the area in the decades to come. The District has 2 rural water systems (Thurston and Dakota Rural Water) that would be included in the study.

JEO Consulting will be briefing the District on what the study will entail, and what information will be needed to determine a solution(s) to the affected area.

Agenda Item: 7.

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland, Construction Engineer

SUBJECT: Big Papio Channel Re-stabilization Project
(105th Street to Pacific Street)
Construction Bids

DATE: January 3, 2012

Attached is a location map and plan sheets that show the proposed project features. The original stabilization project (gabion basket wall) was built in 1999 as part of the Big Papio Channel Project to stabilize the outside (right bank) of the Big Papio Creek low flow channel. After the 2010 high water season it was noticed that a portion (196 feet of 400 feet) of the gabion basket structure had rotated towards the creek, likely due to undercutting of the creek bank during the 2010 high water events.

HDR Engineering was hired by the District in May 2011 and has evaluated the gabion basket rotation and developed a Re-stabilization Project consisting of replacing the rotated gabions and installing a steel sheet pile wall along the creek side edge of the new and existing (non-rotated) gabions to protect the creek bank and gabion wall from future undercutting by creek erosion. The steel pile wall includes driving steel sheets down to bedrock (about 25 feet deep).

The District opened construction bids for the referenced project on December 27, 2011 that includes installing 196 linear feet of gabion wall and 414 linear feet of sheet pile wall. Enclosed are bid summary sheets. The District received 5 bids for the project. The apparent low bidder is Chas. Vrana and Son Construction Co. with a total base bid of \$387,301.00 and alternate bid of \$12,600.00. The Engineer's opinion of cost was \$439,900.00 for the base bid and \$ 6,000.00 for the alternate bid.

The alternate bid was for the removal of estimated 2000 cubic yards of sediment on the right bank of the creek, working downstream from 105th Street to Pacific Street and between the Big Papio Trail and low flow channel edge. Since 1999, high water events have deposited over 2 feet of sediment above the trail elevation and in effect made the trail the low spot on the berm and the trail is frequently covered with ponded water after rain events. The contractor will load City of Omaha dump trucks that will haul the soil to a park soil stock pile site. City of Omaha agreed to provide dump trucks to haul the sediment material, as this will greatly enhance City's trail drainage and use.

This work will be funded via funds included in Project Maintenance General Contract Work (Account 0103591 4479). As of November 30, 2011 remaining funds in this account was \$1,626,626.49. It is anticipated that this project will be completed in Fiscal Year 2012.

It is Management's recommendation that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract for Big Papio Channel Re-stabilization Project with Chas. Vrana and Son Contruction Co., for their total base bid of \$387,301 and alternate bid of \$12,600 for a grand total cost of \$399,901.