

**Programs, Projects & Operations
Subcommittee Meeting
January 12, 2010
6:30 p.m.
Agenda**

Programs, Projects & Operations:

John Conley, Chairman
Rich Tesar, Vice-Chairman
David Klug
Rick Kolowski
John Schwoppe

Alternate Members: Fred Conley
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 Amendment to Dakota County Floodplain Mapping Contract – Amanda Grint, Ivan and Marc Roost, Village of Homer and Randy Graham, PBS&J
7. Review and Recommendation on Nebraska Department of Roads Supplemental Agreements – Missouri River Trail – Phase 2 and Platte River Trail – Phase 1 – Gerry Bowen and Jim Becic
8. Review and Recommendation on Elk Creek Channel Stabilization Project #4 – Dick Sklenar and Martin Cleveland
9. Review and Recommendation on Village of Washington Water Issues (Tabled at the December 10, 2009 FEL Subcommittee Meeting) – Dick Sklenar and Kevin Prost, Mayor, Village of Washington
10. Adjourn

Memorandum

To: Programs, Projects and Operations Subcommittee

Re: Amendment #2 to Professional Services Contract for Dakota County Floodplain Remapping Project

Date: January 4, 2010

From: Amanda Grint, Water Resources Engineer

In October 2007, the Board approved a professional services contract with PBS&J to develop new and/or updated flood hazard data for county wide Digital Flood Insurance Rate Maps (DFIRM) for Dakota County, in an amount not to exceed to \$184,820.50. A federal grant in the amount of \$138,000 had been secured through the Federal Emergency Management Agency (FEMA) for the project. In February 2009, a contract amendment was approved to increase the not to exceed fee by \$26,600 to a total of \$211,420.50, for alternate hydraulic analysis in South Sioux City, review of the USGS study at Homer and some support for post preliminary map production. A second amendment is proposed to complete additional tasks to specifically provide more detailed information on the USGS study of Omaha Creek through the Village of Homer for inclusion on the Dakota County DFIRM maps.

Through the review of the USGS study of Homer, Nebraska, it became clear that the new information studied by USGS would not be able to be incorporated in to the FEMA flood maps because the topographic information used for the USGS study does not meet FEMA guidelines. Aerial LIDAR data of Omaha Creek as it runs through Homer would need to be completed along with the survey of four structures. Also, some additional hydraulic modeling is needed to put the data in FEMA format and lastly, the Data Capture Standards (DCS) for FEMA would need to be met. The estimated cost for these tasks to be completed is estimated at \$34,995 and is detailed in the attached Contract Agreement with PBS&J.

Maps are attached showing the floodplain through Homer in its current condition and the floodplain through Homer if the USGS study can be incorporated in to the maps. The Village of Homer is interested in incorporating the USGS study as it has a significant impact on the residents of their community. The Village requests that the District cost share with them on the additional tasks to incorporate the USGS study in to the Dakota County Maps on a 50/50 basis. The Village proposes to reimburse the District over a three year period. In the meantime, District staff will attempt to find federal grant assistance to decrease the cost to both the District and the Village. No funding source has been identified yet.

In conclusion, additional services under Amendment #2 for the Dakota County Floodplain mapping project are not to exceed \$34,995, increasing the maximum fee from \$211,420.50 to \$246,415.50. A federal grant in the amount of \$138,000, a contribution from the City of South Sioux City, and the proposed contribution from the Village of Homer in the amount of \$17,500 leave the District responsible for \$59,358.50 for the project.

- **Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the enclosed Amendment #2 to the professional services contract with PBS&J for the Dakota County Flood Plain Mapping Project which provides for an increase in the maximum fee to \$246,415.50 and to enter in to an interlocal agreement with the Village of Homer to cost share 50/50, for a District maximum contribution of \$17,500, for flood mapping assistance subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**

Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: Nebraska Department of Roads Supplemental Agreements

- Missouri River Trail – Phase 2
- Platte River Trail – Phase 1

Date: January 4, 2010

From: Gerry Bowen and Jim Becic

With the adoption of the new Local Projects Manual by the Nebraska Department of Roads (NDOR) new requirements have been passed down to the District on the Missouri River Trail – Phase 2 (Ponca Road to the Washington County Line) and the Platte River Trail – Phase 1 (Highway 50 to the Lied Bridge) Projects. The major change in the agreement is the appointment of a “responsible charge” (RC) for the project, and the listing of the duties this person is expected to perform. It also extends the time allowed to bid the project.

The RC in effect, is the NDOR’s local representative who has been trained and certified for these duties. The RC also must be an employee of the sponsoring agency. With these two projects, the District is the sponsor. NRD employee Gerry Bowen has been trained and certified as an RC, and will be assigned those duties on these projects.

The attached resolutions are needed for the Supplemental Agreements. The supplemental agreement for the Platte River Trail is attached. The agreement for the Missouri River Trail is the same.

- **It is recommended that the Subcommittee recommend to the Board that the General Manager be authorized to execute the Supplemental Agreements with NDOR on the Missouri River Trail – Phase 2 and the Platte River Trail – Phase 1 Projects.**

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland and Dick Sklenar

SUBJECT: Elk Creek Channel Stabilization Project #4

DATE: January 4, 2010

The Papio-Missouri River Natural Resources District received and opened bids for the Elk Creek Channel Stabilization Project #4 on December 31, 2009, at 10:00 a.m.

There were 4 contractors that submitted bids. Attached is a bid summary with a location map of the project area. The bids have been reviewed by the NRD staff. The Engineer's estimate of cost is \$110,928.00.

The work consists of repairing sections of the Elk Creek Levee which includes excavating 500 cubic yards of soil, placing 2100 cubic yards of embankment fill, installing 900 square yards of erosion control blanket, installing 900 tons of rock riprap, 100 cubic yards of grout embedment, and seeding 0.4 acres.

- **It is Management's recommendation that the Subcommittee recommend to the Board of Directors that the bid submitted by L.A. Carlson Contracting for \$117,558.30 be accepted and that they be awarded the contract for the Elk Creek Channel Stabilization Project #4, and that Budget Item #04004382 Elk/Pigeon Creek Improvements be allowed to exceed 110% of the budgeted amount.**

Memorandum

TO: Programs, Planning & Operations Subcommittee

SUBJECT: Village of Washington Request for Cost-Share on Water Supply Feasibility Study

DATE: January 6, 2010

FROM: Marlin Petermann & Dick Sklenar

The District's staff met on the above date with Kevin Propst, Chairman of the Village of Washington, and Dennis Wilson and Bill Glismann of HGM Assoc., to discuss the financial request (see attached letter) for a study to identify alternative water supply solutions for the residents of the Village of Washington. Each household/business in the Village has their own well and they are primarily experiencing water quality problems. Some water quality testing has already been done indicating bacteriological and nitrate infiltration (see attached). Also, staining of fixtures and clothing (high iron and manganese) is experienced. There are currently about 50 homes in the Village (see attached map of area.)

The proposed study, to be conducted by HGM Assoc., will entail looking at alternatives sources of a good drinking water supply. The alternatives to be studied will most likely include connection to the Metropolitan Utilities District (from 180th and Hwy 36), a new well field, hooking up to the community of Kennard, or an in-home reverse osmosis (RODI) water treatment system. Hooking up to the District's existing Washington County Rural Water #1 or #2 systems will not be looked at in the study (see attached November 30, 2009 letter from Douglas County Commissioner Clare Duda). This option would among other things promote the wrong type of growth in the wrong geographic area and would deplete the capacity of the rural water systems from the area they were meant to serve. The feasibility study will consider the items noted in Commissioner Duda's letter in evaluating each of the alternatives for water supply.

Dennis Wilson indicated that HGM Associates could provide a feasibility study to address those options indicated above for approximately \$10,000.00.

- **It is recommended by Management that the Subcommittee recommend to the Board of Directors that the District provide 50% cost-share assistance, not to exceed \$5,000, toward an alternative water supply feasibility study for the Village of Washington.**