

**WPRB-5 Regional Detention Structure
Ad Hoc Consultant Selection Subcommittee
January 6, 2009
6:30 p.m.
Agenda**

WPRB-5 Regional Detention Structure Ad Hoc Consultant Selection Subcommittee:

Dave Klug, Chairperson
Tim Fowler
Rick Kolowski
Rich Tesar
Jim Thompson
Alternate – Fred Conley

Staff Liaison: Amanda Grint

1. Meeting Called to Order – Chairperson Klug
2. Notification of Open Meetings Act Posting and Announcement of Meeting Procedure – Chairperson Klug
3. Quorum Call
4. Adoption of Agenda
5. Proof of Publication of Meeting Notice
6. Review and Recommendation on Contract HDR to Provide Engineering Services for the WPRB-5 Regional Detention Structure – Amanda Grint
7. Adjourn

Memorandum

To: WPRB-5 Regional Detention Structure Ad-Hoc Consultant Selection Subcommittee
From: Amanda Grint, Water Resources Engineer
Date: December 30, 2008 **Updated:** January 5, 2009
Re: Contract for Engineering Services with HDR Engineering, Inc.

On December 4, 2008, the Subcommittee interviewed and selected HDR Engineering, Inc. (HDR) with which to negotiate a professional services contract for the planning, permitting, design and construction of WPRB-5 (West Papillion Regional Basin Number 5). Since that time, District staff and representatives from HDR have worked together to prepare the enclosed agreement, detailed scope, and schedule for your review and consideration. Due to the complexity of this project, work tasks are planned to be divided in to three phases. Phase 1 is presented in the attached detailed scope and provides the feasibility and preliminary design of WPRB5. Scope and fees for Phase 2, final design and land rights acquisition, and Phase 3, construction administration, will be presented at a later date.

A summary of the tasks for Phase 1 is as follows:

- Project Management will include project scheduling, quarterly updates that can be posted to the PMRNRD website, and progress meetings.
- Planning studies including a land use sub-area master plan, transportation analysis, and a community based watershed plan will be conducted by HDR and Lamp Rynearson. This task includes a site tour, public involvement, a visioning workshop, and a master planning workshop.
- HDR will prepare and assist in obtaining a Section 404 Permit to the US Army Corps of Engineers.
- HDR will develop hydrologic model to evaluate and optimize dam alternatives for WPRB5.
- Geotechnical Investigation needed for the dam, spillway, borrow areas, will be performed by the subconsultant, Thiele Geotech. Following the investigation, geotechnical design of the dam embankment will be performed by HDR.
- HDR will define and prepare preliminary plans at approximately a 30% level. Included in this task is an opinion of probably construction costs.
- HDR along with subconsultant, Lamp Rynearson, will prepare an overall right-of-way map and legal descriptions necessary for property acquisition.
- HDR will provide technical assistance and exhibits necessary for grant funding applications such as NDEQ Section 319 Funding, Nebraska Game and Parks Sport Fisheries, etc.

As District staff and the City of Papillion discussed the tasks necessary for planning land uses and transportation systems around WPRB-5, it became clear that it would be of benefit to each party to expand the land use planning effort to include the WPRB-6 and WPRB-7 areas in to a master plan. The proposed planning effort, called the sub-area master plan, would then extend from 96th Street to 132nd Street and Giles to Schram Road. See attached map. Approximately \$58,590 of fee from the Phase 1 scope is specifically for land use planning and of that approximately \$38,600 would be necessary for planning just the WPRB5 area. An interlocal agreement will be drafted between the City of Papillion and the District where the City will contribute the additional \$19,990 to expand the land use planning efforts to include the sub-area master plan.

In conclusion, HDR would provide the professional services noted above for Phase 1 of the WPRB-5 project, Feasibility and Preliminary Design, on an hourly basis not to exceed the amount of \$529,000.

Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the enclosed Professional Services Agreement between the District and HDR Engineering, Inc. for Phase 1 Services in an amount not to exceed \$529,000, and further that the General Manager be authorized to execute an Interlocal Agreement with the City of Papillion in the amount of \$19,990. All are subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.