

**Programs, Projects & Operations
Subcommittee Meeting
April 6, 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 Interlocal Agreement with P-MRNRD, Sarpy County and City of Papillion for West Papio Flood Control – Amanda Grint
7. Review and Recommendation on Wetland/Stream Channel Mitigation Bank/Wildlife Habitat for Pigeon/ Jones Offline Storage Area Project – Ralph Puls and Paul Woodward, Olsson Associates
8. Review and Recommendation on Waterloo Levee Design Interlocal Agreement - Amendment #3 - Amanda Grint, Mark Augustine JEO, and Stan Benke, Village of Waterloo
9. Review and Recommendation on Bids for Rain Garden at Chalco Hills – Lori Laster and Dave Lampe, Lamp Rynearson & Associates

10. Review and Recommendation on P-MRNRD Master Plan Update – Gerry Bowen
11. Review and Recommendation for FY 2011 Urban Cost Share Program Applications:
 - a. Recreation Area Development Program – Gerry Bowen
 - b. Urban Drainageway Program – Gerry Bowen
 - c. Urban Conservation Assistance Program – Gerry Bowen
 - d. Trails Assistance Program – Gerry Bowen
 - e. Stormwater Best Management Practices Program – Lori Laster
12. Review and Recommendation on Keystone Trail Stabilization Project Bids – Martin Cleveland
13. Review and Recommendation on Glacier Creek and Rumsey West Wetland Mitigation Banks – Amanda Grint
 - a. Glacier Creek Wetland/Stream Mitigation Bank Professional Services Contract
 - b. Rumsey Station West Wetland/Channel Mitigation Bank Design Contract and Monitoring
14. Review and Recommendation on NRC Roof Replacement Bids – Jerry Herbster and Russ Falcon, RW Engineering - Sides & Associates
15. Conservation Assistance Program Funding – Director Japp
16. Adjourn

Memorandum

To: PPO Subcommittee

Re: West Papillion Creek Flood Control Interlocal w/Papillion and Sarpy County

Date: March 30, 2010

From: Amanda Grint, Water Resources Engineer

District staff and legal counsel have prepared the enclosed agreement, for your review and consideration, between the District, the City of Papillion and Sarpy County, to define each entity's responsibilities regarding the elements necessary to bring the West Papillion levees in to compliance and to provide for 100 year flood protection per recommendations provided in the March 2008 HDR Study titled, West Papillion Levee Restoration. The agreement outlines responsibilities for two bridge raises, levee raises, and operation and maintenance of public facilities for the regional detention basin WP5, located at approximately 126th and Cornhusker Road (see attached map). In addition, the agreement outlines responsibilities for supplemental projects associated with the WP5 project and easements on City, County and NRD property necessary for the reservoir project and recreational facilities.

The following is a summary of the provisions in the agreement:

- Three of the Cooperative Projects along the West Papio Creek between 96th Street and 42nd Street will be cost shared equally (one-third each) and must be completed within 10 years. The lead entity and maximum cost share for each party are:
 - Raise 66th Street bridge – Sarpy County - \$1,500,000
 - Raise 84th Street bridge – Papillion - \$1,500,000
 - Raise Levees – NRD - \$500,000
- The fourth Cooperative Project, the WP5 regional detention reservoir, will be designed, constructed and paid for by the NRD. Ownership and maintenance of the facility, except the flood control and water quality dams, will be transferred to the City of Papillion when adjacent land is annexed or on June 1, 2025, whichever occurs first.
- The Supplemental Projects of the WP5 project are outlined in the agreement and are as follows:
 - The East Sanitary Sewer is to be constructed and paid by the City of Papillion and the NRD will grant an easement on the WP5 property.
 - The West Sanitary Sewer is to be relocated at the expense of the NRD as part of the WP5 project.
 - Cornhusker Road will be vacated by the County.
 - The Lincoln Road Extension will be constructed by the NRD and costs shared by the City and County.

- The NRD Recreational Improvements will include basic recreation features such as roads, trails, parking lots, boat ramp, restrooms and picnic shelters. These items will be constructed and funded by the NRD.
 - The City Recreational Improvements which include any additional features requested by the City such as playgrounds, sports fields, etc., will be constructed by the NRD and funded by the City.
 - Future Infrastructure Projects by the City or County located on WP5 project property will be granted right of way by the NRD subject to plan approval.
- **Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the proposed West Papillion Creek Flood Control Interlocal Agreement subject to changes deemed necessary by the General Manager and approval as to form by District Legal Council.**

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

SUBJECT: Wetland/Stream Channel Mitigation Bank/ Wildlife Habitat Area for Pigeon/Jones Watershed Offline Storage Area

DATE: March 31, 2010

FROM: Ralph Puls, Land and Water Programs Coordinator

Part of the Pigeon/Jones Watershed Project is to provide flood control in the area downstream of the P/J Site # 15 Recreation/ Flood Control Dam. Downstream of the P/J Site #15 dam, Jones Creek converges with Pigeon Creek at a point just upstream from the South Bluff Road bridge, and from there enters into the Pigeon Creek channel/levee system that carries the water to the Missouri River. This Pigeon Creek Levee System is part of the District's Elk/Pigeon Improvement Project Area (IPA). Currently, during high water events in the watershed, only a portion of the runoff water flows through the levee system because it is not tied off to high ground at the upstream end. Some of the runoff water flanks the levee system and flows across Highway 35, and some flows outside of the levees and floods the bottomlands adjacent to the Pigeon Creek. To prevent flooding of the bottomland, and to prevent water from flowing across Highway 35, a tie back levee extension is being constructed as part of the P/J Site #15 project. Also, part of the project, a two mile segment of levee is being lowered so that if water exceeds the capacity of the levee system, it would flow into an offline storage area. This area is located on the South side of the Pigeon Creek levees, between it and South Bluff Road. This area is shown on the attached drawing.

The plan to date has been to acquire the area needed for the offline storage area through flowage/flooding easements; however, now it has been determined there is a need for stream channel and wetland mitigation acres to meet the environmental mitigation requirements for the proposed erosion control/sediment retention dams that are a part of the overall Pigeon/Jones Watershed Project. The need for mitigation lands was not required when this project was originally approved by the Board. In order to obtain 404 permits that are required in order to build these structures, the loss of wetlands and stream channel must be mitigated. This can be done by establishing the Wetland/Stream Channel Mitigation Bank in the Offline Storage Area.

Preliminary estimates from Olsson Associates indicate that approximately 12.6 acres of wetland could be created, 7,629 feet of intermittent stream channel and 3,376 feet of intermittent stream could be established and the area would be planted to native grasses to establish wildlife habitat. The total area of offline storage area is approximately 170 acres. In order to develop these mitigation banks, fee title to the land would be required rather than easements except for the land that are in acreages adjacent to South Bluff Road. Those limited acres would not be required for the mitigation banks and could still be acquired by a flowage/flooding easement.

- **It is recommended that the Subcommittee recommend to the Board of Directors that the Pigeon/Jones Site #15 Project plan be revised to reflect establishment of the proposed wetland/stream channel mitigation bank/wildlife habitat area.**

Memorandum

To: PPO Subcommittee

Re: Waterloo Levee Design Interlocal Agreement Amendment #3

Date: March 30, 2010

From: Amanda Grint, Water Resources Engineer

In June of 2008, the Board entered in to an interlocal agreement with the Village of Waterloo to cost share (50/50) on the design of the levee improvements in order to certify the levee for Federal Emergency Management Agency (FEMA) accreditation. JEO Consulting Group was retained by the Village to perform the study and levee design for \$396,580. In August 2009, the Board approved Amendment #1 to the Interlocal Agreement adjusting the total to \$437,580. Amendment #2 was approved by the Board in November 2009 and basically added scope and cost to address the US Army Corps of Engineers (USACE) 408 submittal process to modify a federal levee. This brought the total Interlocal Agreement amount to \$562,580.

Since the scope of work was put together for Contract Amendment #2, additional meetings between the stakeholders, USACE and FEMA have occurred and additional guidance has been provided. The process to obtain a permit to modify the federal levee and stay in the USACE PL-8499 program along with attempting to meet the FEMA timelines for accreditation of the levee and the impending remapping effort has been time consuming and costly. The proposed Contract Amendment #3 from JEO Consulting addresses issues that increased the scope of work presented in Amendment #2. The items in this amendment are directly related to the USACE and FEMA comments and guidance provided on the 408 submittal and the remapping procedure.

A summary of JEO's Contract Amendment #3 is as follows:

- Additional Floodplain Study
- Additional Geotechnical Evaluation
- Revise final plans and specifications
- Project Management
- Permitting
- Removal of Independent External Peer Review from JEO Contract (now a separate contract described below)
- Creating and submitting a Review Plan

Additionally, the USACE requested that the Independent External Peer Review (IEPR) be conducted outside of JEO's contract to allow for complete objectivity. This proposed contract is between the Village of Waterloo and Short Elliott Henderickson Inc. (SEH) and is in the amount of \$28,000. The Village requests a 50/50 cost share on this portion of the work as well. The IEPR is a review process required by USACE to include a third party to not only review plans and specifications but also to be involved throughout construction of the project.

The total amount of JEO's Contract Amendment #3 is \$98,000 which brings the total amended contract with JEO to \$660,580. The IEPR contract with SEH is \$28,000. The District is asked to consider an amendment to the Interlocal Agreement allowing for an increase to include 50% of JEO's Contract amendment #3, \$49,000, and 50% of the SEH contract, \$14,000. This amendment would increase the District's contribution to \$344,500.

- **Management recommends that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a revised Interlocal Agreement with the Village of Waterloo that provides for the equal sharing of the levee design costs up to \$344,500 subject to changes deemed necessary by the General Manager and District Counsel.**

Memorandum

To: Programs, Projects, and Operations Subcommittee

From: Lori Laster, Stormwater Management Engineer

Date: 4/5/2010

Re: Bids for the Chalco Hills Recreation Area Rain Garden Demonstration Project

On March 10, 2010 and March 17, 2010, an advertisement for the Chalco Hills Recreation Area Rain Garden Demonstration Project appeared in the Omaha World-Herald. Bids were received on March 31, 2010.

The following bids were received:

Company	Bid Price
Lanoha Nurseries, Inc.	\$23,829.00
Boulevard Gardens, LLC	\$27,502.46
Team Green	\$29,981.50

The engineer's estimate for this project was \$31,390. The apparent low and best bid for the project is Lanoha Nurseries, Inc. for \$23,829.00

- **Management recommends that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contractor agreement with Lanoha Nurseries, Inc. for \$23,829.00.**

Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: Papio-Missouri River NRD Master Plan

Date: March 24, 2010

From: Gerry Bowen

The District's Master Plan was last updated in 1999. State law requires that it be updated every ten years. The 2010 draft revision is attached for your review.

Currently, the District's priority areas, in order of importance, are as follows:

1. Reduce flood damages.
2. Maintain water quality and quantity.
3. Reduce soil erosion and sedimentation damages.
4. Provide outdoor recreation facilities.
5. Provide domestic water supply.
6. Develop and improve fish and wildlife habitat and forest resources.
7. Participate in solid waste management and recycling efforts.

The plan was written with these priority areas in mind. It is recommended that the Subcommittee reaffirm these priorities.

It is proposed that the following schedule be followed to complete the adoption of the Master Plan:

April 6, 2010	PPO Subcommittee review draft master plan and set public meeting dates
April 27, 2010	Public meeting in Dakota City at Service Center
April 29, 2010	Public meeting in Omaha at the Natural Resources Center
May 13, 2010	Board adopts updated Master Plan

- **It is recommended that the Subcommittee recommend to the Board that the NRD's priority areas be adopted and that the proposed adoption schedule be approved.**

Memorandum

To: Programs, Projects, and Operations Subcommittee

Subject: FY 2011 Urban Cost Share Programs

- Recreation Area Development Program
- Urban Drainageway Program
- Urban Conservation Assistance Program
- Trails Assistance Program

Date: March 26, 2010

From: Gerry Bowen

The District solicited applications for the urban cost share programs from the various units of government in the District for the upcoming fiscal year. The following applications were received.

Recreation Area Development

The Recreation Area Development Program (RAD) cost shares with cities and villages to develop and improve recreation areas within their jurisdiction. The cost share rate is 50%. On projects requesting more than \$20,000, the Policy Manual requires Board approval. On all others, Management has approval authority.

The following applications require Board approval.

- The City of Omaha has requested cost-share assistance on renovations to Levi Carter Park. The improvements include trails in the park and a connection to the Riverfront Trail, and new picnic facilities. The City estimates the improvements will cost \$550,000 and is asking for the maximum under the program, or **\$50,000**.
- The City of Omaha has requested cost share assistance on establishment of a nature center at Hummel Park. The City estimates the total construction cost to be \$1,400,000, and is asking for the maximum under this program, or **\$50,000**.
- The City of Omaha has requested cost share assistance in the replacement of a pedestrian bridge in Trendwood Park. The City estimates the cost to be \$42,000, and is asking for 50% of this amount, or **\$24,000**.
- The City of Papillion has requested cost share assistance to construct a shelter in Glenwood Hills Park, and to relocate a City-owned pedestrian bridge to the park. The City estimates that the total cost of the project is \$48,118, and is asking for 50% of this amount, or **\$24,059**.
- The City of South Sioux City has requested cost share assistance to install a new shelter in Scenic Park. The City estimates that the cost of the project is \$47,148, and is requesting 50% of this amount, or **\$23,574**.

The following table summarizes the RAD project requests for FY 2011. The FY 2010 budget for this program was \$447,640.

Sponsor	Total Estimated Cost	Cost Share Requested
City of Omaha (Levi Carter Park)	\$550,000	\$50,000
City of Omaha (Hummel Park)	\$1,400,000	\$50,000
City of Omaha (Trendwood Park)	\$42,000	\$24,000
City of Papillion (Glenwood Hills Park)	\$48,118	\$24,059
City of South Sioux City (Scenic Park)	\$47,148	\$23,574
Total	\$2,087,266	\$171,633

- Management recommends that the Subcommittee recommend to the Board that the applications from the City of Omaha for \$50,000 (Levi Carter Park), \$50,000 (Hummel Park), and \$24,000 (Trendwood Park), the City of Papillion for \$24,059, and the City of South Sioux City for \$23,574 be approved, for a total of \$171,633, subject to funding in the FY 2011 budget.**

Urban Drainageway Program

The Urban Drainageway Program (UDP) cost shares with units of government to solve erosion, flooding, and other stormwater management concerns on major drainageways within their jurisdiction. The cost share rate is 60%. Board approval is required on all applications.

In 2009, the District approved a stormwater management project for South Sioux City that called for District cost share over a four-year period. The payment for FY 11 per the interlocal agreement is \$300,000.

The Mission Creek project in Sarpy County SID #162 (Millard Park) was also approved in 2009. This project had multiple year components, however, the sponsor is not planning a phase of the project in FY 11.

In addition to the above, the District received the following applications under the Urban Drainageway Program.

- The City of Omaha Public Works has requested cost share assistance to stabilize a creek located near 45th & McKinley. The City estimates that the cost of the project is \$200,000, and is requesting 60% of this amount, or **\$120,000**.
- The City of Omaha Public Works has requested cost share assistance to stabilize a creek located at 216th & Maple. The City estimates that the cost of the projects is \$250,000, and is requesting 60% of this amount, or **\$150,000**.
- The City of Omaha Parks has requested cost share assistance to stabilize a portion of the Little Papillion Creek to protect the Keystone Trail. The City estimates the cost of the project is \$310,000 and is requesting 60% of this amount, or **\$186,000**.
- The City of Omaha Parks has requested cost share assistance to stabilize portions of the Happy Hollow Drainageway between Underwood Avenue (Memorial Park) and Howard Street (Elmwood Park). The City estimates that the project will cost \$237,830, and is requesting 60% of this amount, or **\$142,698**.
- The City of LaVista has requested cost share assistance to stabilize Applewood Creek between 101st & Brentwood Drive and 102nd & Giles. The City estimates that the project will cost \$396,660, and is requesting 60% of this amount, or **\$237,996**.

- The City of South Sioux City has requested cost share assistance to construct a drainage channel and stormwater detention basin in the western part of the City. The City estimates that the project will cost \$1,168,250, and is requesting 60% of this amount, or **\$700,950**.
- The City of Bellevue has requested cost share assistance to stabilize a portion of Ft. Crook Drainageway located southeast of Ft. Crook Road and Hwy 370. The City estimates that the projects will cost \$1,821,897, and are requesting 60% of this amount, or **\$1,093,138**.
- The City of Bellevue has requested cost share assistance to stabilize a portion of Quail Creek located southeast of 36th & Hwy. 370. The City estimates that the project will cost \$2,490,257, and is requesting 60% of this amount, or **\$1,494,154**.

The following table summarizes the applications for FY 2011. The FY 2010 Budget included \$2,347,157 for this item.

Sponsor	Total Estimated Cost	Cost Share Requested
City of Omaha PW (McKinley)	\$200,000	\$120,000
City of Omaha PW (Maple)	\$250,000	\$150,000
City of Omaha Parks (Democracy)	\$310,000	\$186,000
City of Omaha Parks (Happy Hollow)	\$237,830	\$142,698
City of LaVista (Applewood Creek)	\$369,660	\$237,996
City of South Sioux City (Hwy. 20)	\$1,168,250	\$700,950
City of Bellevue (Ft. Crook Drainage)	\$1,821,897	\$1,093,138
City of Bellevue (Quail Creek)	\$2,490,257	\$1,494,154
Total	<u>\$6,847,894</u>	<u>\$4,124,936</u>

- **Management recommends that the subcommittee recommend to the Board that the applications from the City of Omaha for \$120,000 (McKinley), \$150,000 (Maple), \$186,000 (Democracy Park), and \$142,698 (Happy Hollow), the City of LaVista for 237,996, the City of South Sioux City for \$700,950, the City of Bellevue for \$1,093,138 (Ft. Crook) and \$1,494,154 (Quail), plus \$300,000 for South Sioux City for a total of \$4,424,936, subject to funding in the FY 2011 Budget.**

Urban Conservation Assistance Program

The Urban Conservation Assistance Program (UCAP) cost shares with units of government to solve relatively minor erosion, flooding, and stormwater management problems within their jurisdiction. The Policy Manual allows for Management approval of all applications. Management intends to approve the following applications.

- The City of Omaha has requested cost share assistance to stabilize two drainages crossing Johnny Goodman Golf Course. The City estimates that the project will cost \$61,160 and is requesting the maximum amount under this program, or **\$30,000**
- The City of Omaha has requested cost share assistance to replace a staircase providing access to the Keystone Trail with a ramp. The existing staircase has caused an erosion area to develop. The City estimates that the project will cost \$40,000 and is requesting 60% of this amount, or **\$24,000**.

- The City of Omaha has requested cost share assistance to stabilize a channel at the Common Ground Community Center (Elkhorn) using “green” techniques. The City estimates that the project will cost \$83,000, and is requesting the maximum amount under this program, or **\$30,000**.
- The City of Omaha has requested cost share assistance to correct an erosion problem that threatens the trail in Meadowlane Park. The City estimates that the project will cost \$5,000, and is requesting 60% of this amount, or **\$3,000**.
- The City of Omaha has requested cost share assistance to correct an erosion problem that threatens the trail in Barrington Park. The City estimates that the project will cost \$10,000, and is requesting 60% of this amount, or **\$6,000**.
- The City of South Sioux City has requested cost share assistance to install a drainage channel in the All American Subdivision. The City estimates the cost of the project to be \$19,332, and is requesting 60% of this amount, or **\$11,600**.

The FY 2010 Budget for this item was \$79,798.

The projects are summarized in the following chart:

Sponsor	Total Estimated Cost	Cost Share Requested
City of Omaha (Goodman G.C.)	\$61,160	\$30,000
City of Omaha (Keystone Trail)	\$40,000	\$24,000
City of Omaha (Common Ground)	\$83,000	\$30,000
City of Omaha (Meadowlane Park)	\$5,000	\$3,000
City of Omaha (Barrington Park)	\$10,000	\$6,000
City of South Sioux City (All-Amer.)	\$19,332	\$11,600
Total	\$218,492	\$104,600

- **It is recommended that the Subcommittee recommend to the Board that the applications from the City of Omaha for \$30,000 (Goodman), \$24,000 (Keystone), \$30,000 (Common Ground), \$3,000 (Meadowlane), and \$6,000 (Barrington), and from the City of South Sioux City for \$11,600, for a total of \$104,600 be approved, subject to funding in the FY 2011 budget.**

Trails Assistance Program

The Trails Assistance Program cost shares with sponsors on trail projects approved for funding under the Transportation Enhancement Program. The cost share rate is 50% of the local share. All projects require Board approval.

The following sponsors have requested assistance.

- The City of Papillion has requested cost share assistance to install a trail connecting Savanna Shores Subdivision with Walnut Creek Recreation Area. The City estimates that the project will cost \$355,000, with the local share \$71,000. The City is requesting 50% of the local share, or **\$35,500**.
- The City of Omaha has requested cost share assistance to construct a trail in Cunningham Lake Park connecting the campground to another park entrance. The City estimates that the project will cost \$187,392, with the local share \$59,961.. They are requesting 50% of the local share, or **\$29,980**.

The FY 2010 Budget contained \$557,548 for this item.

- **It is recommended that the Subcommittee recommend to the Board that the applications from the City of Papillion for \$35,500, and the City of Omaha for \$29,980, for a total of \$65,480, be approved, subject to funding in the FY 2011 Budget.**

Memorandum

To: Program Projects and Operations Subcommittee
From: Lori Laster, Stormwater Management Engineer
Date: March 29, 2010
Re: Stormwater Best Management Practices Program FY2011 Applications

The District received 7 applications for Fiscal Year 2011 for the Stormwater Best Management Practices Program.

City of Omaha – Benson Rain Garden Initiative – The City of Omaha will construct a bio-infiltration garden on the Benson Magnet High School Campus. They are requesting a cost share of \$10,000, the maximum of this program.

City of Omaha – Orchard Park Bio-Retention Garden – The City of Omaha will construct a bio-retention garden in Orchard Park as part of the Cole Creek Restoration Project. They are requesting a cost share of \$10,000, the maximum of this program.

City of Omaha – Pervious Pavement Bridge Embankments – The City of Omaha will install pervious concrete slab on the east side of the trail under the Blondo Street Bridge over West Papillion Creek and the trail along Big Papillion Creek near the 105th Street Bridge . They are requesting a cost share of \$10,000, the maximum of this program.

City of Omaha – Johnny Goodman Golf Course Bio-Retention Garden – The City of Omaha will construct a bio-retention garden on the Benson Johnny Goodman Golf Course. They are requesting a cost share of \$10,000, the maximum of this program.

Millard Public Schools – Cody Elementary School Drainage – Millard Public Schools will install 2 rain gardens and an infiltration trench to address drainage issues while providing outdoor classroom space for students. They are requesting a cost-share amount of \$8,510.

Bennington Public Schools – Wetland Restoration Project – Bennington Public Schools will convert a cornfield on their property located adjacent to Big Papillion Creek to a wetland and outdoor learning environment. They are requesting a cost share of \$10,000, the maximum of this program.

City of South Sioux City – Cardinal Park Rain Garden – The City of South Sioux City will install a rain garden in Cardinal Park. They are requesting a cost-share amount of \$6,778.

The FY 2010 budget for this program was \$33,290.

Project Name	Total Project Cost	Cost Share Requested
Benson Rain Garden Initiative	\$55,000	\$10,000
Orchard Park Bio-Retention Garden	\$41,000	\$10,000
Pervious Pavement Bridge Embankments	\$35,400	\$10,000
Johnny Goodman Golf Course Bio-Retention Garden	\$29,000	\$10,000
Cody Elementary School Drainage	\$17,020	\$8,510
Wetland Restoration Project	\$52,500	\$10,000
Cardinal Park Rain Garden	\$13,555	\$6,778
Total	\$243,475	\$65,288

- **Staff recommends that the Subcommittee recommend to the Board of Directors that the District approve the Benson Rain Garden Initiative application for \$10,000, the Orchard Park Bio-Retention Garden application for \$10,000, the Pervious Pavement Bridge Embankments application for \$10,000, the Johnny Goodman Golf Course Bio-Retention Garden application for \$10,000, the Cody Elementary School Drainage application for \$8,510, the Wetland Restoration Project application for \$10,000, and the Cardinal Park Rain Garden application for \$6,778, a total of \$65,288 for District Program 17.41, Stormwater BMP Program, subject to funding the in Fiscal Year 2011 budget.**

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland, Construction Engineer

SUBJECT: Keystone Trail Stabilization Project

DATE: March 30, 2010

Attached are some plan sheets and location map for the referenced project. The work consists of installing rock riprap, two curb inlets, two storm sewer outlets and concrete surface with a curb at two locations on the Keystone Trail (48th and Cornhusker Road, 60th and Harrison Street). Both trail locations are experiencing erosion (e.g. headcut) near the trail edge under the Cornhusker Road and Harrison Street bridges over Big Papio Creek. The proposed construction is to stabilize the eroding area along the trail edge and safely convey water runoff to the Big Papio Creek.

A bid summary is attached for your consideration. There were two bids submitted; the bids ranged in total cost from \$65,938.00 to \$120,673.24. The apparent lowest and best bidder is:

Lawn Smith and Co. with a total base bid for Sites A and B of \$65,938.00.

The engineer's opinion of probable construction cost was \$50,100. A letter of recommendation from the engineer, KMA, is attached.

This work will be funded via funds included in Project Maintenance General Contract Work (Account 010312 4479). As of March 5, 2010 remaining funds in this account is \$1,627,916.83. It is anticipated that this project will be completed in Fiscal Year 2010, as the contract period is 45 calendar days.

- **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 construction of the Keystone Trail Stabilization Project, with Lawn Smith and Co., for their total base bid (Sites A and B) of \$65,938.00.**

Memorandum

To: PPO Subcommittee

Re: Glacier Creek Wetland/Stream Mitigation Bank Professional Services Contract

Date: April 1, 2010

From: Amanda Grint, Water Resources Engineer

The Glacier Creek property was purchased by the District and UNO in December 2009. A portion of this area of approximately 80 acres is intended to be used as a stream and wetland mitigation bank for the District as well as preserve the ecosystem in the corridor from Allwine Prairie to the Big Papio Creek. Prior to the acquisition, a feasibility study was completed by Jacobson Satchell to determine if wetlands and stream channel mitigation bank were feasible in this area. The results indicated that approximately 50 acres of wetlands and about 9,500 linear feet of stream channel could be constructed for the mitigation bank.

A scope of services was prepared by HWS Consulting Group which outlines the necessary steps to complete the design of the stream and wetland mitigation bank and prepare documents for the proposal including:

- Project Management
- Topographic Survey
- Soils Investigation and Data collection
- Development of conceptual plan and coordination with the Interagency Review Team (IRT)
- Final Plans, bid documents and construction bid letting

The total cost of this professional services contract for Glacier Creek stream and wetland mitigation bank design is not to exceed \$106,800. It is anticipated that this contract will be amended in the future to include construction administration and 5 years of monitoring once the extent of the project features is more clearly defined.

Staff recommends that the District's consultant selection procedure be waived in this case. Should the consultant selection procedure be followed per District Policy 15.2, it is likely that HWS would be selected for the project because the Project Manager who completed the feasibility study at Jacobson Satchell is now with HWS and would be the project manager for this project. Waiving the lengthy consultant selection process would also allow for construction to be completed in 2010.

- **Staff recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the proposed professional services contract with HWS Consulting Group for the Glacier Creek Stream and Wetland Mitigation Bank Project in an amount not to exceed \$106,800, subject to changes deemed necessary by the General Manager and approved as to form by District Legal Counsel.**

Memorandum

To: PPO Subcommittee

Re: Rumsey Station West Channel/Wetland Mitigation Bank and Monitoring Professional Services Contract

Date: April 1, 2010

From: Amanda Grint, Water Resources Engineer

The Rumsey Station West property was purchased in 2008. The property was purchase as an expansion of the District's wetland mitigation bank, but also would incorporate a children's nature center as conceived by the nonprofit organization, Green Hearts. A preliminary design of the Green Hearts nature center was completed by Big Muddy Workshop and a feasibility study was completed by Jacobson Satchell.

A scope of services was prepared by HDR Engineering which outlines the necessary steps to complete the design of the Rumsey Station wetland mitigation bank expansion. The proposal includes:

- Project Management and Quality Control
- Wetland and channel mitigation design including coordination with Green Hearts
- Final Plans and specifications
- Bid documents and construction administration
- Coordination with the Interagency Review Team (IRT) on design for wetland and channel mitigation bank
- Five years of monitoring

The total cost of the HDR proposal for Rumsey Station West wetland/stream channel mitigation bank design and monitoring is not to exceed \$94,869. The five years of monitoring accounts for approximately \$26,000 of the contract total.

Staff recommends that the District's consultant selection procedure be waived in this case. Should the consultant selection process be followed per District Policy 15.2, it is likely that HDR would be selected due to their familiarity with the project area as it is an extension of the Rumsey Station wetland mitigation bank. HDR planned, designed and monitored the original Rumsey Station wetland mitigation bank and has ongoing work at Rumsey Station allowing for some cost savings in monitoring and project visits. Having two different consulting firms doing work in this same area would be less efficient. Waiving the consultant selection process also would allow for construction to e complete in 2010.

Staff recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the proposed professional services contract with HDR Engineering for the Rumsey Station West Channel/Wetland Mitigation Bank Project in an amount not to exceed \$94,869, subject to changes deemed necessary by the General Manager and approved as to form by District Legal Counsel.

MEMORANDUM

TO: Programs, Project and Operations Subcommittee

SUBJECT: NRC Roof Replacement Bids

DATE: April 2, 2010

FROM: Jerry Herbster, Park Superintendent

On March 30, 2010 at 10:00 a.m., bids for the re-roofing of the District's NRC building at 8901 S. 154th Street, Omaha, Nebraska, were opened at the District Office. There were 12 bids received for asphalt shingles and 4 bids received for metal roofing. After summarizing and researching the lowest bids, the lowest and best bid for asphalt shingles is Stonebrook Roofing at \$65,682.00 and gutters at \$5,701.00. The lowest and best bid for metal roofing was Roof-Tech at 129,000.00 and gutters at \$9,600.00. The engineers estimate for this project was \$86,400.00 for asphalt shingles, and \$132,000.00 for metal roofing, and \$9,300.00 for new gutters.

- **Staff recommends that the bid of Stonebrook Roofing at \$65,682.00 for asphalt shingles and gutters at \$5,701.00 be accepted.**