

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: May 20, 2013
	Agenda Item No. 38 Roll Call No. <u>13-809</u> Communication No. <u>13-237</u> Submitted by: Benjamin R. Page, Park and Recreation Director, Jeb E. Brewer, P.E., City Engineer, Patrick J. Kozitza, Public Works Director (Interim)

AGENDA HEADING:

Accepting proposal of Applied Ecological Services for the provision of professional consulting services for the Assessment and Master Planning for Storm Water Management at Waveland Golf Course and Glendale Cemetery and authorizing the City Manager to sign an agreement for the provision of the same.

SYNOPSIS:

Acceptance of a selection committee’s recommendation that the proposal from Applied Ecological Services, Inc. (Kim Chapman, PhD, Principal, 21938 Mushtown Road, Prior Lake, MN 55372) to conduct an Assessment and Master Planning for Storm Water Management at Waveland Golf Course and Glendale Cemetery be accepted and authorization for the City Manager to sign an agreement for the provision of the same. The plan will respect the historic integrity of Waveland Golf Course and Glendale Cemetery while seeking an ecologically-balanced approach to the reduction of the quantity and improvement of the overall quality of storm water that leaves the watershed in peak storm events.

FISCAL IMPACT:

Amount: \$178,700

Funding Source: 2013-2014 Capital Improvement Budget - \$119,700 from Park Improvements, Page 22, Urban Conservation, PKS167; and a \$59,000 transfer from Storm Water Improvements, Page 16, Watershed Studies, STE072.

ADDITIONAL INFORMATION:

Together, the 160-acre Waveland Golf Course and 180-acre Glendale Cemetery constitute nearly two thirds of the upper watershed of Waveland Creek, a tributary of Walnut Creek; the other third is comprised of residential properties. The stormwater infrastructure in both of the park properties shows significant aging, is undersized and has failed several times, especially during heavy rain events in 2008 and 2010. The broken storm water pipes have been patched and repaired several times in the last five (5) years, but a larger effort to update the infrastructure is needed to address these issues long term. The Park and Recreation and Public Works Departments have partnered to plan for a more ecologically-based green stormwater infrastructure in this watershed that is primarily publicly-owned.

The departments developed a request for proposals for the management of the Waveland/Glendale watershed that includes completion of a stormwater assessment and development of a master plan that will address the following:

- Onsite and offsite stormwater management;
- The feasibility and conceptualization of stream channel restoration;
- The restoration of native vegetation associated with stormwater management and Waveland Creek;
- The preservation of the historical character of Waveland Golf Course, including the protection and preservation of the historic woodlands and individual trees within the golf course;
- The preservation of the character of Glendale Cemetery, including the protection and preservation of trees within the cemetery;
- The short term and long term construction of stormwater facilities and ecological restoration projects;
- Maintenance and operations of the golf course and cemetery relating to stormwater management and ecological restoration areas;
- An opinion of probable cost to construct, operate, and maintain the stormwater management and restoration areas; and
- Identification and description of three (3) priority projects to expand on with more detail through work with City staff to gain a better estimation of probable construction costs and develop more detailed drawings that can be utilized for marketing and fund development for construction.

The two (2) departments have also partnered in the funding of this watershed assessment and master plan project.

To accomplish the goal of completing a storm water assessment and master plan for Waveland Golf Course and Glendale Cemetery, the City's Procurement Office solicited proposals in December 2012 and received five (5) strong applications from the following partnering teams:

- Proposal #1 - EA Engineering, Science and Technology, Inc, Snyder and Associates, Paul Miller Design;
- Proposal #2 - Stantec, Bear Creek Archaeology, Martin Design;
- Proposal #3 - Nilles Associates, Rees Jones, Inc, Griggs Environmental Strategies, John Zeller;
- Proposal #4 - Kestrel Design Group, Genus Landscape Architects, Larson Engineering, Inc, Michael J Benkusky, Inc; and
- Proposal #5 - Applied Ecological Services, RDG Planning and Design, Herfort Norby Design.

A selection committee comprised of five (5) City staff members from the Park and Recreation, Engineering, and Public Works Departments scored the applications and have recommended that Proposal #5 submitted by Applied Ecological Services, Inc. be awarded the contract to complete the Assessment and Master Planning for Storm Water Management at Waveland Golf Course and Glendale Cemetery. The proposal from Applied Ecological Services had the best combination of previous experience on similar projects, education and skill sets among team members, and overall and approach to the project with an emphasis on green infrastructure as part of the planning process and final product.

In addition to the infrastructure and ecological benefits, this project will also contribute to two (2) of the 12 City Goal Statements adopted by City Council on October 23, 2006:

- Sustainable Green Community - Des Moines will be a leader in setting policies and practicing service delivery innovations that promote environmental sustainability. Des Moines will offer safe, reliable and convenient transportation alternatives that reduce reliance on automobiles and parking facilities.
- Pride in Community Assets - The City will set the standard for constructing and maintaining attractive buildings, parks, and infrastructure that represent our world-class city and generate civic pride.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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