March 4, 2014

To: **Mayor Bemrich and City Council**

From: **David Fierke, City Manager**

Subject: **Iowa SRF Sponsored Projects Agreement for Engineering Services**

ACTION: **For vote Monday, March 10, 2014**

Brief History

The Engineering Department solicited and received Statements of Qualifications (SOQ's) from five (5) consultant teams for services associated with the Iowa SRF Sponsored Projects on February 12, 2014. A selection committee, consisting of City Engineering and Parks Departments and Webster County Conservation reviewed the qualifications and short listed two teams for interviews. Team 1 consisted of Wenck, McClure Engineering, and Stanley and Team 2 consisted of Interfluv and Bolton & Menk. The two teams then interviewed on Tuesday, February 25, 2014 and each team submitted a scope and fee proposal. The composite SOQ submittal, interview session, and scope and fee submittal was evaluated based on a predetermined set of criteria including project understanding/responsiveness, project approach, related experience, key personnel, schedule, etc. Through deliberation, the selection committee agreed on the Consultant team.

Analysis of Issue

The Selection Committee has chosen Team 1 (Wenck, McClure Engineering, and Stanley) for the design of these projects. Their experience with stream bank stabilization, stormwater best management practices, bioreactors amongst other processes required for a successful project set them apart from the other teams. Team 1 ranked the highest after the SOQ review and again after the interview process. The scope and fees between the two teams were within 10% of each other with Team 1 being slightly lower in fee. Overall, the selection committee is very confident in the abilities of Team Wenck, McClure Engineering, and Stanley and excited to continue to build a strong professional relationship.

This contract is for consulting services through the bid letting and project coordination meetings with additional services to be authorized at a later date for two project locations:

Soldier Creek in Snell Crawford Park: The project includes bank stabilization and savanna restoration to address erosion issues. In-stream road crossing removal in conjunction with fish hides, riffle/pool, stream re-meandering practices to re-establish more natural stream conditions, reduce flow velocities, and enhanced aquatic habitat.

Stormwater BMPs such as bioreactors, bioswales, and detention ponds will need to be considered to the drainage basin that discharges through the 36" storm sewer that discharges to Soldier Creek within the project area.

Badger Lake Watershed Improvements: Plan and monitoring has identified the sedimentation and phosphorus (high levels of soluble phosphorus) as the main water quality problems for Badger Lake. Discharge from the City of Badger wastewater lagoons often causes stream and lake to turn green with algae blooms. Plans include purchase of property/ easements to protect land along Badger Creek, stream bank stabilization using grading and native vegetation and bank armoring where necessary, bioreactors, or similar solutions, to reduce nitrate from tile systems, and a series of weirs to pool water entering Badger Lake.

Budget Impact

The design services for this project will be paid from interest rate reduction associated with the City's current Clean Water State Revolving Loans. A rate reduction of up to 1% of existing loans will reimburse the fees associated with these design services.

The contract is structured as lump sum, not-to-exceed a total of **$264,300.00**

Strategic Plan Impact

Policy D.4.2: Advanced planning for all infrastructure facilities shall be supported and routinely updated. Facilities benefited by advanced planning shall include, at minimum, schools, health care, residential areas, roads, water, sewer, storm water management, parks, recreation, and greenways.

Policy D.4.1: Recognizing that infrastructure has a powerful influence on growth and development, the availability of infrastructure (along with other factors) should determine where development will occur in the city, rather than the other way around.

Impact on Existing Plans

This project was authorized by Council on July 22, 2013.

Committee Review / Recommendation

The method of selection was not approved specifically by Council, however this method is consistent with those approved by Council for prior projects. By approving this item, it is understood that method of selection is also acceptable.

Staff Conclusions / Recommendations

It is our recommendation to enter into an agreement for Consulting Services with Wenck for this work and authorize the Mayor to sign the agreement.

Alternatives

Another method of selection could be implemented, but it may not yield any benefit.

Implementation and Accountability

The Engineering Department will be responsible for overseeing this project.

Signed

Tony Trotter, P.E.
Project Engineer

Approved

David Fierke
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David R. Fierke
City Manager