

Department of Public Works – Engineering Division

MEMO

TO: Utilities Committee

FROM: Paula Vandehey, Director of Public Works
Ross Buetow, Deputy Director-- Engineering
Pete Neuberger, Staff Engineer
Sue Olson, Staff Engineer

DATE: December 17, 2013

RE: Award of 2014C Stormwater Consulting Services Contract for Leona Street Pond and Storm Sewer Preliminary Engineering to Brown & Caldwell in an amount not to exceed \$34,005.

The Department of Public Works is requesting approval of the 2014C Stormwater Consulting Services Contract with Brown & Caldwell for Leona Street Pond and Storm Sewer Preliminary Engineering in an amount not to exceed \$34,005. After this contract \$265,145 will remain in the 2014 stormwater consulting services budget.

CONTRACT SCOPE

Leona Street Pond and associated storm sewer construction was identified as part of the approved alternative for flood control and water quality in the Ballard Road Area Drainage Study in February, 2012. This contract will provide the next steps in the implementation of the selected alternative.

The consultant will:

- Perform topographic survey of project area.
- Coordinate with project stakeholders to identify and evaluate optimal pond configuration and location within the identified parcel using up to three pond layouts.
- Refine the existing stormwater quantity model (XP-SWMM) to include recent storm sewer installation in Ballard Road and site topographic survey data.
- Refine the existing water quality (WinSLAMM) model to reflect preliminary pond design for compliance with NR 151 and TMDL water quality standards.
- Analyze options and develop cost estimates for enhanced Phosphorus removal technologies toward meeting TMDL Phosphorus standards.

2014C Contract Award

December 17, 2013

-Page 2-

- Perform geotechnical survey and analysis for pond site.
- Develop preliminary pond/storm sewer engineering drawings.
- Develop pond/storm sewer preliminary engineering report with updated project cost estimate.

PROPOSAL SCORING

In October 2013 the Department of Public Works solicited proposals for this work from six consulting firms. Six proposals were received. Proposals were rated on a 100-point scale on the following criteria: Project Experience, Project Team, Project Approach, and Schedule.

<u>Rank</u>	<u>Firm</u>	<u>Score</u>	<u>Cost Proposal</u>
1.	Brown & Caldwell	95.0	\$29,984
2.	AECOM	89.0	\$25,838
3.	McMahon	88.0	\$28,628
4.	Strand	87.5	\$42,130
5.	RA Smith	77.5	\$40,371
6.	GRAEF	72.0	\$100,376

Brown & Caldwell’s proposal best met staff’s expectations by identifying the most comprehensive project approach to meet project requirements for flood control, water quality, regulatory impacts, and coordination with stakeholders. They also demonstrated the best team, with broad experience in Appleton and other areas on similar projects. Furthermore, the Brown & Caldwell (B&C) team performed well when its key project staff, then with AECOM, developed the original drainage study.

By consensus, B&C excelled by effectively demonstrating a project approach that best met staff’s expectations using their experience, key project staff, project approach, and cost-effectiveness.

The requested contract amount, \$34,005, is higher than the B&C cost proposal listed above, because DPW staff has chosen to include in this contract an optional task identified in the B&C proposal to analyze enhanced Phosphorus removal technologies for TMDL compliance.

CONCLUSION

The Department of Public Works recommends approval of the 2014C Stormwater Consulting Services Contract with Brown & Caldwell for Leona Street Pond and Storm Sewer Preliminary Engineering in an amount not to exceed \$34,005. With satisfactory performance by the consultant, DPW staff may request contracting with Brown & Caldwell for future Final Design/Permitting without an RFP process.