

Department of Public Works – Engineering Division

MEMO

TO: Utilities Committee

FROM: Paula Vandehey, Director of Public Works
Pete Neuberger, Staff Engineer
Sue Olson, Staff Engineer

DATE: December 3, 2018

RE: Award of 2019D Stormwater Consulting Services Contract for Lightning Drive Drainage Study Update and Preliminary Engineering to raSmith, Inc. in an amount not to exceed \$58,140.

The Department of Public Works is requesting approval of the 2019D Stormwater Consulting Services Contract for Lightning Drive Drainage Study Update and Preliminary Engineering to raSmith, Inc. (raSmith) in an amount not to exceed \$58,140. After this contract, \$650,770 will remain in the 2019 stormwater consulting services budget.

In 2013, DPW's consultant developed a drainage study to plan for the future construction of Lightning Drive from CTH JJ to Broadway Drive. The study included preliminary sizing and costs for storm sewers and bridges, as well as alternatives for stormwater management (peak flow control and water quality).

In 2017, Outagamie County and City of Appleton jointly reconstructed CTH JJ from Ballard Road to 600 feet east of Lightning Drive; reconstructed the CTH JJ/Lightning Drive intersection as a roundabout, constructed a portion of Lightning Drive (CTH JJ to approximately 600 feet north) and built a new stormwater pond at the northeast corner of the CTH JJ/Lightning intersection. Aside from the Lightning Drive extension, these improvements were not anticipated at the time of the 2013 study. Other changes that have occurred since the initial study include adjacent private development, changes to DNR stormwater regulations, and changes to the City's stormwater ordinance and rainfall data.

Work under this contract includes preparing an independent, updated drainage study to plan and budget for the construction of the remainder of Lightning Drive from the current north end of Lightning Drive to Broadway Drive, and developing 30% preliminary engineering plans for Lightning Drive roadway and stormwater management and conveyance practices. The updated report will also consider potential options to manage post-development runoff for future adjacent tributary parcel areas.

2019D Lightning Drive

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DPW solicited proposals from five engineering firms and received proposals from three of the firms. Proposals were rated on a 100-point scale on the following criteria: Related Experience, Project Team, Project Understanding and Approach, and Schedule. Technical Proposals were evaluated by a City review team consisting of Ross Buetow, City Engineer; Pete Neuberger, Staff Engineer; and Sue Olson, Staff Engineer.

<u>Rank</u>	<u>Firm</u>	<u>Technical Score</u>	<u>Cost Proposal</u>	<u>Price Per Point</u>
1.	Brown & Caldwell	98.33	\$69,786	\$710
2.	raSmith	92.00	\$58,140	\$632
3.	AECOM	69.33	\$38,555	\$556

During Technical Scoring, DPW Staff determined that Brown & Caldwell and raSmith both submitted excellent technical proposals that met or exceeded the minimum requirements deemed necessary for a successful project. After technical scoring was completed, the City reviewed the cost proposal associated with each technical proposal. Once cost was factored in, raSmith was identified as the most cost-effective proposal among those meeting the minimum technical requirements.

If the selected consultant performs this work to the City's satisfaction, DPW staff anticipate contracting with the same consultant for the final design and permitting of the Lightning Drive stormwater facilities without an RFP process, subject to future committee and council approval.

Therefore, the Department of Public Works is requesting approval of the 2019D Stormwater Consulting Services Contract for Lightning Drive Drainage Study Update and Preliminary Engineering to raSmith, in an amount not to exceed \$58,140.