

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: November 20, 2018

RE: Award of 2019B Stormwater Consulting Services Contract for North Edgewood Estates Stormwater Engineering Services to McMahon Associates, Inc. in an amount not to exceed \$48,400.

The Department of Public Works is requesting approval of the 2019B Stormwater Consulting Services Contract for North Edgewood Estates Stormwater Engineering Services to McMahon Associates, Inc. (McMahon) in an amount not to exceed \$48,400. After this contract, \$737,600 will remain in the 2019 stormwater consulting services budget.

North Edgewood Estates is a phased single-family residential plat located east of French Road and approximately 1,300 feet north of CTH JJ (Edgewood Drive). Per the Development Agreement for this plat, the City is responsible for the design and construction of an offsite secondary access road for emergency vehicles, including associated stormwater management, and for the design and construction of an onsite box culvert for the Ruby Red Drive crossing of Apple Creek Northeast. This proposed contract scope includes the following:

- Temporary Secondary Access Road
 - Prepare a Stormwater Management Plan for the secondary access drive, and a conceptual stormwater management plan for the anticipated future permanent roadway at temporary access drive location, to evaluate potential re-use of stormwater conveyances and stormwater management practices.
 - Prepare legal descriptions with a map exhibit for all land and easements required to construct access road, stormwater conveyances, and stormwater management practices.

- Prepare all DNR and USACE permit applications that may be necessary for construction.
- Construction Plans and Specifications for access roadway, storm sewers, culverts, ditches, and stormwater management practices for 2020 construction.
- Ruby Red Drive Box Culvert Crossing at Apple Creek Northeast
 - Prepare Construction Plans and Specifications for box culvert per developer's box culvert sizing/flood study for 2020 construction. Coordinate with developer's engineer as needed for developer's permit applications.

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. | McMahon | 94.67 | \$48,400 | \$511 |
| 2. | Brown & Caldwell | 93.00 | \$82,467 | \$887 |
| 3. | raSmith | 90.33 | \$71,194 | \$788 |

After technical scoring was completed, the City reviewed cost proposals associated with each technical proposal. McMahon was ranked as the highest scoring proposal based on all of the following: Technical Score, Cost, and Price Per Point.

Therefore, the Department of Public Works is requesting approval of the 2019B Stormwater Consulting Services Contract for North Edgewood Estates Stormwater Engineering Services to McMahon Associates, Inc. (McMahon) in an amount not to exceed \$48,400.