

## Department of Public Works – Engineering Division

### MEMO

**TO:** Utilities Committee

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

**DATE:** February 26, 2019

**RE:** Approval to single source and award 2019K stormwater consulting services contract for development of the stormwater management plan and design for Oneida and Lawrence Streets with McMahon Associates in an amount not to exceed \$42,000.

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The Department of Public Works is requesting approval to single source and award 2019K stormwater consulting services contract for development of the stormwater management plan and design for Oneida and Lawrence Streets with McMahon Associates in an amount not to exceed \$42,000.

The City has been working on redevelopment of the downtown area bound by Water Street, Rocky Bleier Run, Appleton Street, College Avenue, and Morrison Street. This includes a new parking structure, extending Oneida Street south of Lawrence Street, and re-aligning Lawrence Street between Oneida Street and Lawrence Street.

McMahon Associates has been subcontracted by Hoffman to prepare the stormwater management plan for the new parking structure. The parking structure, the extension of Oneida Street into the parking structure, the re-alignment of Lawrence Street and the US Venture project are integral to each other. A comprehensive stormwater management plan involving all the projects in this area will likely require fewer stormwater practices than multiple individual stormwater plans and lead to less construction and maintenance costs.

Work under this contract will include:

- Delineate existing and proposed drainage basins
- Develop an XPSWMM model to evaluate the storm sewer system for peak discharge and surface ponding performance
- Develop a WinSLAMM model to evaluate TSS and TP reductions for proposed stormwater quality practices
- Develop up to three (3) concepts which depict stormwater treatment, inlets, manholes, and pipes
- Evaluate construction feasibility due to other utilities
- Develop a cost allocation methodology for the stormwater practices for the various parties

- Prepare a Stormwater Management Report
- Design the selected stormwater concept
- Prepare CAD drawings of the proposed stormwater management system
- Perform inlet capacity calculations
- Prepare and Operation and Maintenance Plan for the stormwater treatment practice(s)
- Prepare an Erosion Control Plan
- Prepare a WDNR Construction Site Permit application
- Attending up to four (4) meetings

Based on the work McMahon is already contracted to do for Hoffman and their performance on past projects with the City, staff is recommending award of this project to McMahon Associates.