



Legislation Text

File #: 55061, **Version:** 1

Fiscal Note

The proposed resolution authorizes a non-competitive agreement with the USGS to install and manage rain gauge and flow monitoring stations as part of the City's watershed and flood studies. The estimated contract cost is \$300,000.

These efforts are funded in the 2019 Adopted Budget as part of the Citywide Flood Mitigation program in the Stormwater Utility's capital budget. The 2019 Adopted Budget includes \$7.57 million for the program. The full cost of the program is funded by GO Borrowing.

Title

Authorizing the Mayor and City Clerk to enter into a non-competitive agreement with the USGS to install and manage rain gauge and flow monitoring stations in conjunction with the City's watershed and flood studies. (9th and 19th AD)

Body

PREAMBLE

The City of Madison Engineering Division is proposing to conduct watershed and flood studies for the west and near west sides as a result of extreme rain events over the past several years. The August 2018 historic event has highlighted the need for a comprehensive approach to Stormwater management to assist with identification of deficiencies on the system, project alternatives analysis for potential flood mitigation solutions, as well as prioritization and budgeting for future improvements to the system. To support the watershed and flood studies the City will need to provide rain gauge and flow monitoring in the watersheds in order to calibrate the models for accuracy based on known rain fall events. This contract will be a multi-year analysis (2019-2020).

WHEREAS, the Common Council has authorized funding for the Citywide Flood Mitigation program to further assist with flood studies and mitigation efforts; and

WHEREAS, rain gauge and flow monitoring data are necessary for completion of the stormwater models and are needed to accurately calibrate the models to meet real life rainfall events; and

WHEREAS, the USGS has successfully completed similar types of data monitoring for other studies that have been conducted in the City of Madison; and

WHEREAS, some existing monitoring locations that are no longer in use may be reinstated for use by the USGS to meet the City's needs for the watershed and flood studies; and

WHEREAS, reuse of some of the existing data monitoring sites will be a cost savings to the City versus contracting for the installation of new locations; and

WHEREAS, the UGSS will also manage the monitoring locations for the City for the duration of the agreement; and

WHEREAS, MGO 4.26 requires Common Council approval of service contracts exceeding \$50,000 if the

contractor was not selected through a competitive selection process, and the reasons for selecting this contractor are set forth above and in the attached Noncompetitive Selection Request Form.

NOW THEREFORE BE IT RESOLVED that the Mayor and City Clerk are hereby authorized to negotiate an agreement with USGS to install and manage rain gauge and flow monitoring stations in conjunction with the City's watershed and flood studies for an amount not to exceed \$300,000.