



Legislation Text

File #: 23-0745, **Version:** 1

TO: Mayor Richard C. Irvin

FROM: John Hoffmann, P.E., Engineering Coordinator

DATE: September 25, 2023

SUBJECT:

A resolution authorizing the Director of Purchasing to execute a contract agreement supplement with Fehr Graham & Associates, LLC in the amount of \$22,000.00 for monthly CSO Monitoring and DMR Reporting.

PURPOSE:

To continue the City's professional services agreement with Fehr Graham for the remainder of 2023 to provide Combined Sewer Overflow (CSO) structure monitoring and Discharge Monitoring Reports (DMR).

BACKGROUND:

As part of the Clean Water Act, the Environmental Protection Agency created the National Pollutant Discharge Elimination System which resulted in several permits for the City of Aurora. As part of one of these permits, the City was required to create a Long-Term Control Plan (LTCP) to reduce pollutants entering the Fox River and Indian Creek from their combined sewer systems. Monthly Discharge Monitoring Reports for each Combined Sewer Overflow structure are required to be submitted to the IEPA and USEPA as part of the City's permit.

Flow meters have been strategically placed at each of the City's 16 CSO's to capture the required data needed to create the monthly DMR's. Twice a month, Fehr Graham retrieves flow meter data from each structure and also provides meter maintenance including cleaning the sensors and replacing the batteries. Fehr Graham uses the data collected from the flow meters to calculate volume of discharge and duration of flows.

Fehr Graham also collects rainfall data at their Aurora office rain gauge which is used in the DMR report.

The parameters of rainfall totals, rainfall duration, overflow duration and overflow volume are used to create the required monthly DMRs.

DISCUSSION:

The existing contract of \$49,900 and supplement for \$22,000 can be found in Exhibits A and B, respectively, bringing the total contract amount to \$71,900. This project will be completed by the end of December 2023. The total project amount of \$71,900 is budgeted for in 2023 within account 510-4063-511-73-13.

IMPACT STATEMENT:

Minimal traffic disruptions are expected during data retrieval. Impacts to traffic and local residents will be kept to a minimum.

RECOMMENDATIONS:

I request the proposed resolution be adopted.

cc: Infrastructure and Technology Committee



CITY OF AURORA, ILLINOIS

RESOLUTION NO. _____
DATE OF PASSAGE _____

A Resolution authorizing the Director of Purchasing to execute a contract supplement with Fehr Graham & Associates, LLC of Freeport, IL in the amount of \$22,000.00 for CSO Monitoring and DMR Preparation.

WHEREAS, the City of Aurora has a population of more than 25,000 persons and is, therefore, a home rule unit under subsection (a) of Section 6 of Article VII of the Illinois Constitution of 1970; and

WHEREAS, subject to said Section, a home rule unit may exercise any power and perform any function pertaining to its government and affairs for the protection of the public health, safety, morals, and welfare; and

WHEREAS, Discharge Monitoring Reports of the City's 16 Combined Sewer Overflows are required to be reported monthly as part of the Long-Term Control Plan created by the City to satisfy the permit it holds with the IEPA; and

WHEREAS, the attached Exhibit "A" is the existing contract with Fehr Graham & Associates, LLC for \$49,900.00; and

WHEREAS, the attached Exhibit "B" is the supplemental agreement with Fehr Graham & Associates, LLC for \$22,000.00 bringing the new contract total amount to \$71,900.00; and

WHEREAS, the work is budgeted for in 2023 within account 510-4063-511-73-13; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Aurora, Illinois, as follows: that the Director of Purchasing is hereby authorized to execute a contract supplement with Fehr Graham & Associates, LLC of Freeport, IL in the amount of \$22,000.00 for CSO Monitoring and DMR

Preparation, increasing total cost of the services to \$71,900.00 for the remainder of 2023.