



Task Order No. 22-01
Village of Romeoville, Illinois (OWNER)
and Robinson Engineering, Ltd. (ENGINEER)
Pursuant to Technical Services Agreement dated January 1, 2017

Project Information

Services Name: 2022 System Wide Flow Monitoring Project. (Ref. REL Project 22-R0115.01) Flow Monitoring

Services Description: The OWNER requests the ENGINEER to perform engineering services as related to system wide flow monitoring, rainfall monitoring and assessment of wet-weather and dry-weather flows for prioritization of sanitary sewer flow monitoring basins to identify and reduce infiltration and inflow in the system.

Scope of Services

ENGINEER will provide the following services to OWNER:

1. Flow Monitoring Scope of Services
 - a. Project Initialization
 - b. Site Investigation & Installation
 - c. Flow and Rainfall Monitoring (90-day duration)
 - d. Data Analysis and Flow Monitoring Report and Deliverables
 - i. Written report
 - ii. Work description and process summary
 - iii. Location basin maps
 - iv. Site Installation Sheets for fifteen (15) metering sites & four (4) rain gauges (including photos)
 - v. Dry Weather Overview and Analysis – diurnal curves (Stevens-Shutzbach Method)
 - vi. ADWF – Driest Week or best selected from Slicer Software
 - vii. Peaking Factor Analysis on Hydrograph
 - viii. Rainfall Analysis DDF or Similar Rainfall Frequency Statistics
 - ix. Regression Analysis (Log/Log or Slicer Default Deliverables) for 1, 5, and 10-Yrs
 - x. Scattergraphs for Capacity Analysis with Bestfit and ISO-Q Lines Plotted
 - xi. Volumetric analysis (Normalized/LF of pipe and Un-Normalized (total volume MG))
 - xii. Raw and Final (QAQC) CSV data packet
 - xiii. Recommendations for next step actions
 - e. Project Management and Meetings

Compensation

REL Fee	\$ 29,350.00
Sub-Contractor Fee	<u>\$ 85,910.00</u>
Total	\$115,260.00

OWNER shall compensate ENGINEER for Services under this Task Order on a time and material basis with a not-to-exceed amount of \$115,260 (One Hundred and Fifteen Thousand, Two Hundred and Sixty Dollars).



Schedule

Services will begin upon execution of this Task Order, which is anticipated for (+/- April 11, 2022). Schedule for the services are as follows:

Initial meetings.....	April 15, 2022
Site Investigations	April 18, 2022
Installation of the flow meters and rain gauges.....	April 22 - 25, 2022
Removal of the flow meters and rain gauges	July 24, 2022
Analyze flow data.....	August 31, 2022
Submit preliminary findings report for review / comments	September 30, 2022
Submit final report	October 31, 2022

TASK ORDER AUTHORIZATION AND ACCEPTANCE:

ENGINEER:

OWNER:

ROBINSON ENGINEERING, LTD.

VILLAGE OF ROMEOVILLE

Joel R. Drabicki, CFM
Senior Engineer

Date

Chris Drey
Director of Public Works

Date

Romeoville Account No.: _____

Romeoville Project No.: _____