

COUNTY OF SAGINAW

BRIAN J. WENDLING PUBLIC WORKS COMMISSIONER

Governmental Center
111 S. Michigan Avenue
Saginaw, Michigan 48602-2086
Phone 989-790-5258 • FAX 989-790-5259



REQUEST FOR PROPOSAL PROFESSIONAL ENGINEERING SERVICES

The Saginaw County Public Works Commissioner in partnership with Saginaw Charter Township is accepting proposals for Professional Engineering Services for implementation of a Community Development Block Grant Disaster Recovery (CDBG-DR) Mitigation and Resilience Planning Grant for the Center Road Combined Sewer Separation Study.

In 2023, the Saginaw County Public Works Commissioner (SCPWC) in partnership with Saginaw Charter Township (SCT) applied for a CDBG-DR Mitigation and Resilience Planning Grant for \$300,000 to perform a study to identify ways to separate the existing combined sewer in the Center Road District located in Saginaw Charter Township. This is an area that is susceptible to flooding. The lack of capacity in the sewers during large storm events leads to flooding, sewer backups and overflows.

Evaluating the separation of the combined sewers will reduce the risk of sewer overflows, basement flooding, localized flooding and retention basin overflows by increasing pipe carrying and storage capacities along providing a separate outlet to the Tittabawassee River for stormwater flows that do not require treatment. Sewer separation will remove the storm water from the existing system and reduce the peak flows at the SCT Wastewater Treatment Plant.

PART ONE: SCOPE

The scope of work the Consultant must be prepared and qualified to provide is as follows:

1. General Support

- a. Attend regular meetings with MEDC throughout the project development and construction.
- b. Coordinate with the SCPWC, SCT, and MEDC as needed throughout the project, providing the necessary reports, photographs, updates and other documentation required.
- c. Other general tasks as related to CDBG-DR program compliance.

2. Study and Report

- a. Review as-built drawings, GIS data, and past studies on the Center Road Drain.
- b. Prepare GIS base map of existing infrastructure.
- c. Meet with SCPWC and SCT to discuss possible sewer separation and reconfiguration concepts with the focus being reducing the existing surface flooding, combined sewer

overflows, and sewer backups. Concepts will include the following potential improvements: optimization of existing storm detention and conveyance infrastructure, rerouting of existing storm flows to a new outlet, and reconstructing portions of the existing system as a separated storm and sanitary sewer system.

- d. Perform engineering field investigations and outlet inspections as needed to develop proposed concepts.
- e. Develop layouts and drainage areas for proposed concepts to be studied in the GIS base map.
- f. Collect surveyed elevation data as needed to supplement record drawings to develop storm water models for concept plans.
- g. Develop unsteady state storm water models for concepts to be studied utilizing AutoDesk Storm and Sanitary Analysis (SSA).
- h. Develop cursory cost estimates for studied concept plans that are viable based on modeling results.
- i. Meet with SCPWC and SCT to review model results and cursory cost estimates.
- j. Develop selected alternative in further detail within model.
- k. Prepare detailed map for selected alternative and further refine the cost estimate.
- l. Prepare report summarizing the findings of study and a recommended implementation plan for the selected alternative.

PART TWO: PROPOSALS

To be considered, proposals must be received prior to **1:00 PM EST on June 3, 2025**. Questions concerning this request should be addressed to **Brian J. Wendling, Public Works Commissioner** at **989-790-5258** or **bwendling@saginawcounty.com**. Proposals can be delivered to Brian Wendling by email or in person or by mail at **111 S. Michigan Ave, Saginaw, MI 48602**.

Qualifications:

- Consultant shall have a minimum of fifteen (15) years of experience in storm water and wastewater engineering projects.
- The project manager shall hold a professional engineering license in the State of Michigan and be able to sign and seal plans and specifications required for permitting.
- Consultant shall be able to perform all project scope task items without the use of subconsultants, or those subconsultants shall be specifically named in the proposal.
- Consultant shall have a minimum of ten (10) years' documented experience with hydraulic and hydrologic modeling.
- Consultant shall have recent working experience (within the last 5 years) with the Saginaw County Public Works Commissioner's Office and Saginaw Charter Township. Preferences will be given for firms located within Saginaw County, MI.

The proposal must include:

1. A letter agreement outlining the proposed scope and fee to complete the project.
2. A brief history of the firm and qualifications of each person in the firm who will be assigned to the project.
3. Demonstration of compliance with the qualifications listed above.

Award of Contract:

The SCPWC and SCT reserves the right to reject any and all proposals, including without limitation the rights to reject any or all nonconforming, nonresponsive, or conditional proposals and to reject the proposal if they believe that it would not be in the best interest of the SCPWC and the SCT and the Project to make an award to that consultant, whether because the proposal is not responsive or the consultant is unqualified or fails to meet any other pertinent standard or criteria established. The SCPWC and SCT also reserves the right to waive all informalities not involving price, time or changes in the Work and to negotiate contract terms with the successful consultant.

In evaluating proposals, the qualifications of the consultants will be considered, whether or not the proposals comply with the prescribed requirements, and other data, as may be requested. The SCPWC and SCT may conduct such investigations as they deem necessary to assist in the evaluation of any proposal and to establish the responsibility and qualifications of consultants, to perform the work in a timely manner.