

**Request for Proposals
Professional Services for
Sanitary Sewer System Capacity Model, O.F. 1807.0**

The City of Great Falls is seeking proposals from highly experienced professional Consulting firms to compose a Sanitary Sewer System Capacity Model.

Sealed proposals must be received at City Engineering Office located at 1025 25th Ave NE, Great Falls, MT 59404 by **5:00 p.m.** Mountain Standard Time (MST) on **Thursday January 18, 2024**. Proposals received after the scheduled time and date will not be considered. All supporting materials and documentation must be included with the proposal. The responsibility of timely delivery lies solely with the Consultant. Faxed and E-Mailed proposals are **not** acceptable. The proposals will be ranked by a selection committee, and interviews may be requested at the City's discretion. A Pre-Proposal Conference will be held on **Tuesday December 19th at 11:00 AM** in the Engineering Conference Room at 1025 25th Ave NE, Great Falls, MT 59404. Attendance is highly encouraged.

The purpose of this project is to generate a master sanitary sewer hydraulic capacity model for the City's entire sanitary sewer collection system including all sanitary sewer mains and lift stations. The City's preference would be to utilize Autodesk Storm and Sewer Analysis (SSA); however the Consultant shall compare alternative modeling programs and recommend modeling software best suited for the City considering ease of use and cost. This hydraulic model shall be turn-key and contain a GIS-compliant format that the City can access, maintain, and continue to operate and maintain in-house. The Consultant shall build the model utilizing the City's existing sanitary utility mapping data, as-built drawing records, City's sanitary sewer master plan, and Lidar data. It is expected that the Consultant will need to acquire more data through research and field investigation. The Consultant is to calibrate and validate the model while taking into account dry and wet weather conditions. The Consultant shall provide training for City staff on the modeling software and the operation and maintenance of the hydraulic model. A final report shall be delivered detailing the creation of the hydraulic model and include: an evaluation of the existing system's capacity, identification of system capacity deficiencies, and model maintenance manuals and copies of all training materials.

Interested parties may pick up a formal RFP at the City of Great Falls, Public Works Department, Engineering Division or by contacting the Project Manager:

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