

Engineering Division Request  
To Solicit  
**STATEMENT OF QUALIFICATIONS  
AND  
REQUEST FOR PROPOSALS**  
For  
Update of the City's Water and Sewer Master Plans  
And Development of Water and Sewer Modeling Programs  
Project No. PW05-1447; CIP No. 50326 and 50370

The City of Rapid City proposes to update its Water Master Plan, Sewer Master Plan, and develop a Water System Modeling Program and a Sewer System Modeling Program to provide for planned systematic growth of the City's utility infrastructure. The City's current utility master plan was adopted in 1985 and projected the community's utility requirements for 20 years. During this 20 year time frame interim design and planning documents were developed to determine the utility requirements in localized areas of the community. The updated master planning documents will incorporate these localized plans and project the City's utility infrastructure needs for the next 20 to 25 years.

In conjunction with the development of utility master plans the City also proposes to develop Water System and Sewer System Modeling Programs. These programs will provide the City and development community with a modeling tool that will allow for a holistic cohesive approach to utility planning and design.

At this time it is projected this work will be contracted to a single engineering consulting firm to ensure continuity of development for these interrelated items. If at a later date it is determined it is in the best interest of the City to develop these items as multiple projects the proposed project breakdown will be presented to the City Council for approval.

This project will begin with a solicitation for statements of qualifications (SOQ) from interested consultants. A shortlist of qualified consultants will be selected from firms submitting SOQ's. A firm from this shortlist will then be selected to conduct the project. It is anticipated this project will take approximately 24 month to complete. The estimated project budget is \$800,000.00 and will be proportionately funded from available water and sewer enterprise funds.