



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

## Public Works Department

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April 22, 2014

To: Mayor, Public Works Committee, and Common Council

From: Terry Wolterstorff – Public Works Director *TLW*

RE: Request Authorization to Seek Proposals for “Water Utility System Master Plan Update/Model Recalibration; Project No. 13-2141/CIP 50817”, “Wastewater Utility System Master Plan Update/Model Recalibration; Project No. 14-2192/CIP 50819”, and “Utility Rate Study; Project No. 14-2191/CIP No. 50935”

The Public Works Department is requesting authorization to seek proposals to obtain professional services for three separate but related projects. Staff proposes to update the City’s Water and Wastewater Master Plans and Recalibrate/Update the City’s Water and Wastewater System Models. Staff proposes to concurrently conduct a Utility Rate Study for the Water Division and Water Reclamation Division.

The Master Plan Updates and Model Recalibration will assist the City in providing for the planned systematic growth of the City’s water and wastewater utility infrastructure through the year 2040. A recalibration/update has not occurred since the models were developed in 2008. The City made a substantial investment in the development of these models and maintenance is critical for their continued beneficial use by the City. The City is in the process of updating the City Comprehensive Plan and it is appropriate to revisit the City’s Water and Sewer Master Plans at this time.

The most recent rate study for the Water and Wastewater utilities was conducted in 2008. This study developed a five year rate plan for the Water and Water Reclamation Divisions. This plan has elapsed and a new five year plan is required to ensure adequate funding.



EQUAL OPPORTUNITY EMPLOYER

The proposed rate study will develop a plan for the Water and Water Reclamation Divisions that will position the City to meet current and future operation and maintenance expenses and capital requirements, identify proposed funding strategies for capital improvements, ensure the Water and Water Reclamation rate structures reflect the true cost of service, provide fair and equitable rates across all user classes, and maintain revenue stability for the Water and Water Reclamation Divisions.

The Public Works Department proposes to hire Consultants for professional services relating to the above described projects. The City's standard consultant selection process will be used to select firms for the projects.

The estimated cost for all three projects is \$1,630,000. Funding for the projects will be divided between the Water Enterprise Fund and the Wastewater Enterprise Fund.

Cc: Dale Tech, City Engineer  
Stacey Titus, Design Group Coordinator  
Dan Coon, Operations Management Engineer  
Michelle Schweitzer, Project Engineer  
Morgan Gagliano, Project Engineer

