



CITY OF RAPID CITY

Engineering Services

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Public Works Committee/Common Council

RE: Request Authorization to Seek Proposals for Engineering Services for
East Rapid City Water Expansion, Project No. 13-2107/CIP 50964

The City of Rapid City is currently working to install a 16 inch water transmission main to provide adequate fire flow to the City Airport. Because of this investment, the City is capable of providing service to a number of inadequate public water systems as well as to some areas with no public water supply. The South Dakota Department of Environment and Natural Resources (SD DENR) and West Dakota Water Development District (WDWDD) Rural Community Assistance (RCAC) Environmental Programs proposed that the City of Rapid City submit a Drinking Water Facilities Funding application from the City of Rapid City for expansion of the municipal water distribution system to serve drinking water users with drinking water violations or unserved residents located east of the current City limits.

The City submitted an application has been awarded \$5.626 million dollars for the East Rapid City water system expansion that includes a \$1 million dollar grant and a \$4.626 million dollar loan with \$3 million dollars in principal forgiveness through the Clean Water State Revolving Fund (SRF) program.

City Staff proposes to construct utilities in East Rapid City driven by the need to construct a major expansion of the water system including more than 10,670 ft of 16" water main, 18,100 ft of 12" water main, and 10,200 ft of 8" water main. The project includes six (6) separate projects anticipated to be designed under one contract but bid as separate bid packages. Staff proposes to hire a Consultant to be responsible for easement acquisition, landowner negotiations, project design, bidding the project, and construction observation, administration and project closeout. The consultant will provide all coordination necessary for the State Revolving Fund (SRF) funding that will fund the project.

The estimated combined project costs are \$7,126,000. Funding for this project of \$5,626,000 will come from the 831 State Revolving Fund (SRF) Loan. Funding for this project of \$1,500,000 will come from 834 Wastewater Expansion.

Staff proposes to complete the project in 2016.

Dale Tech, PE

City Engineer

Cc: Terry Wolsterstorff, Public Works Director



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