



CITY OF RAPID CITY

Engineering Services

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April 8, 2008

Memorandum to: Public Works Committee/City Council

Re: Request for Authorization to Seek Engineering Consultant Proposals
West Boulevard Area Sewer Reconstruction
CIP 50422

Engineering Services staff proposes to retain an Engineering Consultant to provide project evaluation, design, bidding, and construction administration services for the referenced project. This project will involve evaluation of the existing sanitary sewer system in the area generally bounded by West Boulevard and the Hogback (Skyline Drive), and between St. Joseph Street and St. Patrick Street. Currently there are several undersized (6" diameter) sewer mains serving large portions of this area. Several of the mains have been identified as being in poor condition based on televised inspections. There are also concerns about the amount of infiltration of groundwater and inflow of stormwater runoff (I&I) entering the sanitary sewer system in the area. The selected consultant will be requested to perform measurements and physical evaluations to quantify and evaluate the amount of I&I entering the system in conjunction with an evaluation of the overall sewage collection system in the area. The consultant would recommend cost effective remedial actions or facilities, and subsequently prepare design and bidding documents for selected improvements. The consultant may also provide construction administration services including observation and evaluation of construction work performed.

Project funding is currently proposed from a combination of Sewer Enterprise, Drainage funds. An initial project budget of \$1,250,000 has been identified to include both design (\$250,000) and construction (\$1,000,000) of improvements. Construction presently anticipated to be phased over several seasons commencing in 2009 and extending through 2011.

David L. Johnson, PE
Project Engineer



EQUAL OPPORTUNITY EMPLOYER