

# CITY OF RAPID CITY



## Engineering Services

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May 11, 2010

Public Works Committee/Common Council

RE: Request Authorization to Seek Proposals for Engineering Services for  
Water Reservoir Maintenance; Project No. W10-1879; CIP No. 50804

Staff proposes to obtain professional services for inspection, design, and construction activities related to maintenance at three of the City's concrete reservoirs. The City of Rapid City's 2MG Arrowhead Water Reservoir and 2MG Robbinsdale Water Reservoir have visible degradation of the exterior concrete walls. The City's 5 MG Low Level Reservoir located atop Signal Hill has water being released into the perimeter leak detection system. The City wishes to retain professional services to determine the extent of seepage at these facilities, identify the cause and source of seepage found and develop plans and specifications for resolution of the items identified.

Staff proposes to hire a Consultant to be responsible for identifying the potential cause of the seepage, develop cost effective solutions to stop or minimize the seepage, develop project plans and specifications, bid the project, and provide construction observation, administration and project closeout.

The project is funded from the Water Enterprise Fund. The project budget is \$250,000.

Staff proposes to construct the project in the fourth quarter of 2010 and the first and second quarter of 2011.

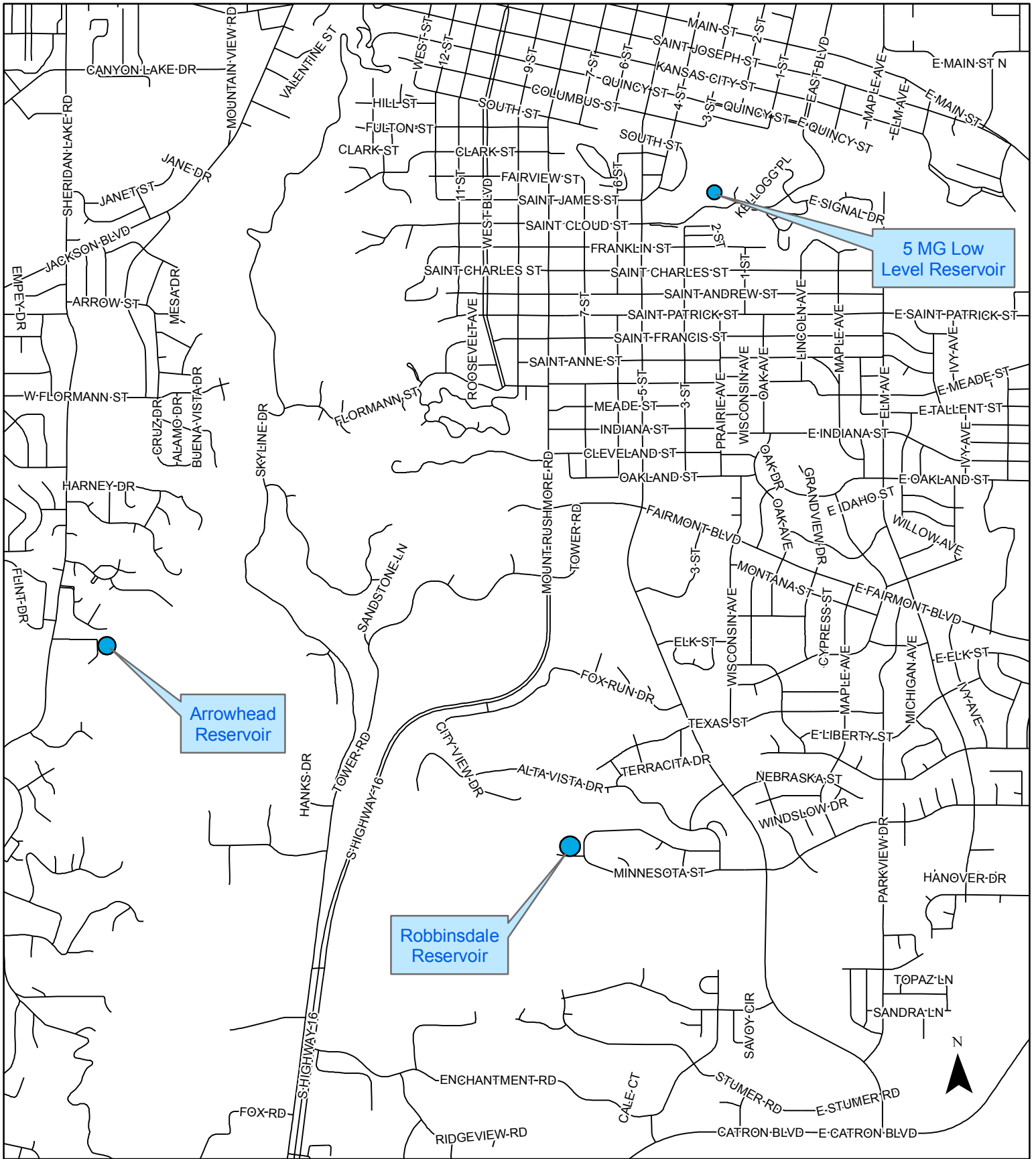
A handwritten signature in black ink, appearing to read "Dale Tech".

Dale Tech, PE  
City Engineer

Cc: Robert Ellis, Public Works Director



EQUAL OPPORTUNITY EMPLOYER



**Water Reservoir Maintenance  
Project No. W10-1879**