



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Public Works Department Engineering Services Division

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September 23, 2009

Public Works Committee/Common Council

Re: Request Authorization to Seek Proposals for Engineering Services for Heights Drive SS09-1831 / CIP #50777

The **Heights Drive** sewer extension will begin from the existing sanitary sewer located near the southeast corner of 4802 Heights Drive. The line is anticipated to follow the drainage south for nearly 525 lineal feet and will then turn southwest and follow the drainage for approximately 900 lineal feet to end on Wonderland Drive. Installed components will consist of 8" PVC sanitary sewer main, manholes, and 4" service lines to the respective properties. The City will attempt to provide gravity sewer in the base bid and the following alternate bids.

Two alternates will be considered as possible enhancements to this project. Each alternate will consist of the installation of 8" PVC sanitary sewer main, manholes, and 4" service lines to the respective property lines. Both the base bid and the alternate bids will allow properties that are currently utilizing on-site wastewater systems to connect to public sanitary sewer.

- Alternate one will connect to existing sanitary sewer located near the intersection of Wonderland Drive and Wonderland Court. It will extend approximately 670 lineal feet south on Wonderland Drive.
- Alternate two will connect to the base sanitary sewer project at the intersection of Heights Drive and Cliff Drive. The line will follow Cliff Drive southwest for approximately 650 lineal feet at which point it will turn and follow the property line northwest for approximately 115 lineal feet.

Staff proposes to hire a Consultant Engineer to be responsible for designing the project, bidding the project, and providing construction observation, administration, and project closeout. Staff requests that other Source Water Protection sanitary sewer extension projects funded by EPA STAG Grants be allowed to be bid collectively or as individual projects.

This project is funded from the Sewer Enterprise Fund, .16 Fund, and EPA STAG Grants. This project is estimated to cost \$670,000.00, which includes design and construction costs.

Staff proposes to bid and construct the project in 2010.

Louie Arguello
Project Administrator

CC: Robert Ellis, Public Works Director
Dale Tech, City Engineer
Stacey Titus, Project Manager



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Heights Drive Sanitary Sewer Extension

