



CITY OF RAPID CITY

Engineering Services

300 Sixth Street

Rapid City, SD 57701-2724

Telephone: (605) 394-4154 FAX: (605) 355-3083

November 6, 2007

To: Public Works Committee/City Council

Ref: Request Authorization to Seek Proposals for Design
of Leachate Removal at the Rapid City Landfill
CIP No. 50694, Project No. LF 07-1681

The Rapid City Public Works Department is requesting authorization to seek proposals for professional services to remove leachate from a pre-subtitle D landfill cell. This unlined cell was filled during the 1970s-1980s and is showing signs of leachate buildup. The successful design firm will outline a solution to removing the leachate. Construction of this project is anticipated to occur in 2008. There is a current design budget of \$150,000 and construction budget of \$500,000.

The following tasks will be included in the proposal request:

- 1) Conduct necessary borings, well installations, and field work to determine existing storage and flow paths of leachate located in the unlined pre-subtitle D landfill cell located in the southeast corner of the landfill.
- 2) Develop recommendations including anticipated costs for infrastructure to remove, pre-treat (if necessary) and discharge leachate from the landfill cell.
- 3) Design and construct all necessary infrastructure based on the City's selection of the recommended action.



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