



CITY OF RAPID CITY

Public Works Department

Solid Waste Division

300 Sixth Street

Rapid City, SD 57701-2724

Telephone: (605) 394-4197 FAX: (605) 394-6843

Website: rcgov.org

August 9, 2011

Public Works Committee/Common Council

RE: Request Authorization to Seek Proposals for Engineering Services for Design and Construction of a Landfill Liner and Leachate Collection System in Landfill Cell 15/16. Project No. LF11-1974

A horizontal expansion of the landfill is required in order to continue landfill operations for the next seven years. The project will be conducted in two phases. Phase 1 is the design for the entire project. The first phase will include geotechnical investigation and testing of onsite materials to determine their suitability for use in constructing a landfill liner. Phase 1 will also include the design of a compacted clay landfill liner, a leachate collection system, pre-treatment facilities as necessary, and connection to the City's sanitary sewer system. Phase 2 will consist of construction over site and quality control and assurance for the project. This work is required under the Resource Conservation and Recovery Act (RCRA) Code of Federal Regulation (CFR) 40 Subtitle D which outlines the design requirements for Municipal Solid Waste Landfills.

Staff proposes to hire a consultant to provide services for both phases of this project as one contract.

The project is funded from the Landfill Enterprise Fund Department 7102 Fund 615. Project budget for phase 1 is \$100,000.00. Phase 1 is to be completed by April 2012. Budget for phase 2 of the project is \$50,000.00 and is available in the 2012 Budget. Phase 2 is anticipated to be completed by October 2012.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Leahy', is written over a white background.

John Leahy
Landfill Supervisor
City of Rapid City
CC:Dale Tech, Acting Public Works Director