



CITY OF RAPID CITY

Engineering Services

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June 10, 2008

To: Public Works Committee/City Council

Ref: Request for Authorization to Seek Proposals
NMOC/Landfill Gas Study
Project No. SWO08-1739

The Solid Waste Division requests authorization to seek proposals for professional services to conduct a Non-Methane Organic Compound (NMOC) investigation and a Landfill Gas Study at the Rapid City Landfill.

The NMOC investigation is required to be conducted every five years by the Administrative Rules of South Dakota Section 74:36:07:42.01 and Environmental Protection Agency (EPA) regulations specified in 40 CFR Part 60.754. The last investigation was conducted in 2003. Therefore, the City of Rapid City is required by state and federal regulations to conduct a NMOC investigation in 2008.

The Landfill Gas Study will determine the feasibility of beneficial utilization of the landfill gas. This feasibility study will include projected landfill gas generation from existing and future landfill cells, methane concentration of landfill gas, estimates of potential extraction rates, determination of potential uses for landfill gas, and cost and revenue estimates for extraction and utilization of landfill gas. The results of this study and the selected consultant will assist the City in selection of a method and means of landfill gas management, extraction and possible beneficial utilization

A consultant will be selected for this project in accordance with the City of Rapid City's current Consultant Selection Policy. Consultants will be evaluated on their ability to provide all phases of the project

The estimated cost for professional services for the NMOC is \$19,800.00 and the estimated cost for professional services for the Landfill Gas Study is \$30,000.00. The majority of this project will occur in 2008. The project will be funded by the Solid Waste Enterprise (0615/7102) fund.



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