



AMERICAN
ENGINEERING
TESTING, INC.

February 20, 2006

CONSULTANTS
• GEOTECHNICAL
• MATERIALS
• ENVIRONMENTAL

Mr. Keith Johnson
City of Rapid City Engineering Department
300 Sixth Street
Rapid City, South Dakota 57701

Subject: Confirming Agreement
 Geotechnical Exploration Program
 Proposed Willsie Avenue Area Watermain Reconstruction
 Rapid City, South Dakota
 Project W03-1310/CIP # 50471

Dear John:

INTRODUCTION

American Engineering Testing Inc. (AET) is pleased to provide this agreement for conducting a Geotechnical Exploration Program for the proposed Willsie Avenue Area Watermain Reconstruction project in Rapid City, South Dakota. This agreement is being completed under AET's 2005 City Wide Geotechnical Services contract and is based on the information provided and defines the general scope, completion schedule, and estimated costs for our work.

PROJECT INFORMATION

We understand the project will consist of the reconstruction of the water mains in Willsie Avenue between Anamosa and North Streets, College Avenue between Lemmon and Blaine Avenues, Monroe Street between Wood and Lemmon Avenues and Wood Avenue between Monroe and North Streets. New water mains will be constructed in College Avenue between Willsie and Lemmon Avenues and in North Street between Wood and Willsie Avenues.

SCOPE OF WORK

The purpose of the geotechnical study will be to provide subsurface information along the alignment of Willsie Avenue, College Avenue, Monroe Street and North Street. Seven borings will be drilled along Willsie Avenue, with two borings on each of College Avenue, Monroe Street and Wood Avenue. Borings will be drilled to 10 feet below current street grades. In order to accomplish the above stated purpose, AET proposes the following scope of work:

Willsie Avenue Area Watermain Reconstruction
 Rapid City, South Dakota
 Page 2

***Willsie Avenue Area Watermain Reconstruction
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Schedule/Borings

Two days to drill 11 borings to 10 feet within project streets.

Laboratory Testing

Natural moisture-density tests	20
Proctor test	4
Resistivity Tests	6

Report

The report will provide subgrade/trenching recommendations along with results of the resistivity tests.

Preliminary Fees

Borings

Twelve borings to 10 feet - 110 feet @ \$15.00/foot	\$1650.00
Mobilization	\$300.00
Utility Locates - 4 hours @ \$58.00/hour	\$232.00
Field Resistivity - 6 @ \$75/ea	\$450.00

Laboratory Testing

Natural Moisture/Density tests - 20 @ \$16.00 each	\$320.00
Proctors - 4 @ \$125/each	\$500.00

Report

Senior Engineer - 2 hour @ \$105.00/hour	\$210.00
Project Engineer - 6 hours @ \$78.00/hour	\$468.00
Drafting - 3 hours @ \$55.00/hour	\$165.00
Clerical - 1 hour @ \$37.00/hour	\$37.00

Subtotal \$4,332.00

SCHEDULE

Weathered permitting, AET will schedule the field work to begin within ten days from being given written authorization to proceed. We anticipate the drilling can be completed in one to two days. Laboratory testing will require approximately two weeks. The report will be submitted within one week after the completion of the laboratory testing. Verbal recommendations can be given once the site work has been performed and the data reviewed.

Willsie Avenue Area Watermain Reconstruction
Rapid City, South Dakota
Page 3

ACCEPTANCE

Please acknowledge your acceptance of this agreement by endorsing the enclosed copy and returning it to our office. The original agreement is intended for your records. We cannot begin work on this project without written authorization to proceed.

CLOSING

Thank you for considering American Engineering Testing (AET) for this project. If you have any questions please call our office at (605) 388-0029.

Sincerely,



Robert Temme P.E.
South Dakota Manager

ACCEPTANCE

SIGNATURE: _____

COMPANY: _____

DATE: _____