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AMERICAN  
ENGINEERING  
TESTING, INC.

Item 15

259  
7-16-07

CONSULTANTS  
• GEOTECHNICAL (07 Prof  
• MATERIALS (SVC Agmts)  
• ENVIRONMENTAL

May 25, 2007

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

Subject: Confirming Agreement - Geotechnical Study  
Horace Mann Pool Reconstruction  
818 Anamosa Street  
Rapid City, South Dakota

Dear Rod:

**INTRODUCTION**

American Engineering Testing Inc. (AET) is pleased to provide this agreement for conducting a Geotechnical Study for the proposed Horace Mann Pool Reconstruction project in Rapid City, South Dakota. This agreement is being completed under AET's 2007 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 demolition of the existing pool with reconstruction at a new location on the property. The existing pool has had a long history of cracking and movement due to expansive soil conditions.

**SCOPE OF WORK**

The purpose of the geotechnical study will be to identify subsurface soils conditions at potential sites across the property for construction of a new pool to allow for site selection and use in design and construction. Should the project conditions change, AET should be notified as soon as possible to review this proposal to determine if the scope of work should be modified. In order to accomplish the above stated purpose, AET proposes the following scope of work:

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MAY 29 2007

RAPID CITY  
PUBLIC WORKS

***Horace Mann Pool Reconstruction***

*Scope: Reconstruction of Horace Mann Pool and associated buildings*

**Borings**

Perform eight borings to depths of 20 feet

**Field/Laboratory Testing**

Natural moisture-density tests .....	16
Atterberg Limits .....	3
Swell Tests .....	3
Soil Electrical Resistivity tests .....	4

The report will provide discussion regarding site suitability with recommendations for grading and construction with applicable foundation and slab recommendations and surface/subsurface drainage

**Schedule**

Two day

**Preliminary Fees**

**Borings**

8 SPT borings -160 feet @ \$16.00/ft .....	\$2560.00
Mobilization .....	\$200.00
Utility Locates - 1 hour @ \$85.00/hour .....	\$100.00

**Field/Laboratory Testing**

Natural Moisture/Density tests - 16 @ \$16.00 each .....	\$256.00
Atterberg Limits - 3 tests @ \$65.00/each .....	\$195.00
Swell Tests - 3 tests @ \$100.00/each .....	\$300.00
Electrical Resistivity - 4 @ \$75.00 .....	\$300.00

**Report**

Senior Engineer - 6 hours @ \$110.00/hour .....	\$660.00
Drafting - 1 hour @ \$55.00/hour .....	\$55.00
Clerical - 1 hour @ \$39.00/hour .....	\$39.00

**Subtotal ..... \$4,665.00**

**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 two days. Laboratory testing will require approximately one week. 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.

**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.


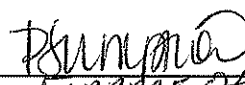
Sincerely,



Robert Temme P.E.  
South Dakota Manager

**ACCEPTANCE**

SIGNATURE:

	
MAYOR	FINANCE OFFICER

COMPANY:

City of Rapid City	City of Rapid City
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DATE:

7-16-07	7-19-07
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5. Kurylas, Inc. dba **Imperial Inn**, 100 St. Joseph Street for a Retail (On-Sale) Liquor License Sunday Opening

***Public Works Committee Consent Items***

6. No. PW071007-01 - Acknowledge the report on the Harmony Lane development issues
7. Refer the issue of parkland requirements to Planning Commission, Growth Management, and the School District for discussion and consideration on bringing forward guidelines and possible rules regarding parkland allocation as part of development.
8. No. PW071007-02 - Referred Knollwood Drainage Improvement Project and stormwater issues on the 100 block of Cambell Street to the Capital Improvements Program Committee.
9. No. PW071007-03 – Approve and accept the Water Reclamation Facility Digester Repair and Improvements Project Phase I Findings Document.
10. No. PW071007-04 - Approve Change Order No. 1 for Canyon Lake Drive & Soo San Drive 14" Water Main Lime Creek Element 382 Project No. W06-1562 / CIP No. 50598 to Mainline Contracting, Inc. for an increase of \$4,004.00.
11. No. PW071007-05 - Approve Change Order No. 1 for North Deadwood Avenue Sanitary Sewer Expansion Project No. SSW02-1258 / CIP No. 50315 to Quinn Construction, Inc. for an increase of \$8,895.94.
12. No. PW071007-06 - Approve Change Order No. 1F for Mountain View Cemetery Irrigation System - Phase 2 Project No. PR07-1629 / CIP No. 50090 to McKinstry / Anderson Landscape & Irrigation for an increase of 283.97.
13. No. PW071007-07 - Approve Change Order No. 1F for East Franklin Street Sanitary Sewer Project No. SS06-1557 / CIP No. 50648 to Warax Excavating, Inc. for a decrease of \$5,991.43.
14. No. PW071007-08 - Approve Change Order No. 3F for Country Road Regional Lift Station Project No. SS03-1255 / CIP No. 50376 to R.C.S. Construction for an increase of \$303.60.
15. No. PW071007-09 – Authorize the Mayor and Finance Officer to sign a Professional Services Agreement with American Engineering Testing, Inc. for a Geotechnical Study for Horace Mann Pool in an amount not to exceed \$4,665.00.
16. No. PW071007-10 – Authorize the Mayor and Finance Officer to sign a Professional Services Agreement with HDR Engineering, Inc. for Elk Vale Lift Station Evaluation Project No. SS07-1662 / CIP #50688 for an amount not to exceed \$9,972.00.
17. No. PW071007-11 – Authorize the Mayor and Finance Officer to sign a Professional Services Agreement with Burns & McDonnell Engineering Company, Inc. for Water Reclamation Facility Digester Repair and Improvements – Phase II Project No. WRF07-1549A for an amount not to exceed \$77,054.00.
18. No. PW071007-12 - Authorize the Mayor and Finance Officer to sign a Water Construction Fee for Mall Drive and Haines Avenue Improvements.

CONSTRUCTION FEE RESOLUTION

WHEREAS, Rapid City Municipal Code Section 13.04.095 and SDCL Section 9-47-16 allows the Common Council to impose water construction fees for connection to the water utility in certain areas; and

WHEREAS, water main has been extended in the Mall Dr. & Haines Ave. Improvements per plans filed with the City under City Development Files No. Dev02-517: Mall Dr. &