# REQUEST AUTHORIZATION FOR MAYOR AND FINANCE OFFICER TO SIGN PROFESSIONAL SERVICES AGREEMENT OR AMENDMENT

Date: 3/22/06

Project Name & Number: 2006 Materials Testing Services – ST06-1465 /575

**Project Description:** Perform materials testing investigations to provide construction data for various City of Rapid City

projects scheduled for design and construction in 2006.

Consultant: American Technical Services, Inc.

\$20,000.00

Original

Original

Original

**Contract Date:** 

**Completion Date:** 

12/31/2006

**Amendment Number:** 

**Contract Amount:** 

Amendment Description:

**Current Contract Amount:** 

\$20,000.00

**Current Completion Date:** 

December 31, 2006

**Change Requested:** 

**New Contract Amount:** 

\$20,000.00

**New Completion Date:** 

December 31, 2006

**Funding Source This Request:** 

	Amount	Dept.	Line Item	Comments
_	\$6,667.00	8910	\437/0	streets
	\$0.00	8911	43/71	drainage
_	\$6,666.00	933	4/38(3	water
_	\$6,667.00	833	_438≥	sewer
	\$20,000.00	Total	4223	

**Agreement Review & Approvals** 

Joe Jagodzinski, 3/22/2006

Department Director

Division Manager

City Attorney

FINANCE OFFICE USE ONLY

ROUTING INSTRUCTIONS

Route two onginals of the Agreement for review and signatures Finance Office - Retain one original

Project Manager - Retain second original for delivery to Consultant

Public Works Engineering Project Manager (Note to Finance Please write date of Agreement in appropriate space in the Agreement document)

Date Mark Initials

Approved 388 Ν

Appropriation Cash Flow



7557 Black Hawk Rd • PO Box 558 • Black Hawk, SD 57718-0558 • Phone (605) 787-9303 • FAX (605) 787-9515 140 Pine Needle Drive • Spearfish, SD 57783 • Phone (605) 642-2742 • Mobile 390-3768

CITY OF RAPID CITY

March 9, 2006

Engineering Services Department 300 6<sup>th</sup> Street Rapid City, South Dakota 57701-2724

Attn: Mr. Joe Jagodzinski, P.E.

**Project Manager** 

ATS No. 06-6042

Subj: Proposal for Materials Testing

2006 Materials Testing Contract Project (50591) ST06-1465

Rapid City, SD

Thank you for the opportunity to provide you with this proposal for materials testing and inspection services to be performed for the above referenced project. This proposal consists of the narrative, scope of work, unit rates and estimated fees, and general conditions. This proposal is valid for 90 calendar days from the date of issuance. Execution of a work agreement after that date would require review and possible revision of the proposal.

### **SCOPE OF WORK**

American Technical Services will provide the necessary tools, equipment and personnel to perform the requested soil field and laboratory testing, concrete field and laboratory testing, and asphalt field and laboratory testing for the 2006 Materials Testing Contract, Project (50591) ST06-1465, City of Rapid City, South Dakota.

Field sampling and testing, as well as laboratory testing, will be conducted by experienced and qualified Engineering Technicians under the direct supervision of a Professional Engineer. The proposed services will include on-site and laboratory testing as requested and specified to determine conformance of the following construction parameters with the project specifications:

- Soil field and laboratory testing.
- Concrete field and laboratory testing.
- Asphalt field and laboratory testing.



PW042506-07 March 9, 2006

CITY OF RAPID CITY
Proposal for Materials Testing
2006 Materials Testing Contract; Project (50591) ST06-1465
Rapid City, SD

ATS No. 06-6042

Services provided by the Professional Engineers of American Technical Services will consist of professional opinions and recommendations made in accordance with generally accepted engineering practices.

The on-site presence of field representatives of American Technical Services will be for the purpose of providing our Client with a continuing source of information relative to materials and operations and will not include any superintending, supervision, direction or responsibility for safety of the actual work of the Contractor or the Contractor's workmen.

### **UNIT RATES AND ESTIMATED FEES**

ITEM UNIT RATE
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### A. <u>EARTHWORK/AGGREGATE TESTING</u>:

Modified Proctors	\$135.00/ea*
Proctor Check Points	\$ 50.00/ea*
Gradation	\$ 90.00/ea*
Plasticity Index	\$ 60.00/ea*
Nuclear Density Tests	\$ 25.00/ea *
Engineering Technician	\$ 40.00/hr
Geotechnical Engineer	\$ 90.00/hr

<sup>\*</sup>Above tests include Engineering Technician time for preparation, travel, and reporting. Engineering Technician and Geotechnical Engineer time applies for standby or other services, if required\*

## B. **CONCRETE TESTING**:

Concrete Cylinders	\$175.00/set of 4*
Engineering Technician	\$ 40.00/hr
Geotechnical Engineer	\$ 90.00/hr

<sup>\*</sup>Above test include Engineering Technician time for fresh tests, travel, transporting, and reporting. Engineering Technician and Geotechnical Engineer time applies for standby or other services, if required\*

CITY OF RAPID CITY
Proposal for Materials Testing
2006 Materials Testing Contract; Project (50591) ST06-1465
Rapid City, SD

ATS No. 06-6042

### C. ASPHALT TESTING:

Marshall Series	\$135.00/ea*
Rice (Theoretical max. dens.)	\$135.00/ea*
Air Voids	\$ 50.00/ea*
Asphalt Content (Ignition oven)	\$100.00/ea*
Gradation	\$100.00/ea*
Nuclear Density Tests	\$ 25.00/ea

<sup>\*</sup>Above tests include Engineering Technician time for preparation, travel, and reporting. Engineering Technician and Geotechnical Engineer time applies for standby or other services, if required\*

### D. MOBILIZATION:

Trip Charge

\$10.00/ea

Other tests and services are available upon request.

These are our unit rates for testing services based on our current fee schedule. Unit rates include travel time, sample retention and preparation, and test reporting. We will increase or decrease frequencies of testing upon request.

Please note that any or all of the above quoted services can be contracted. Retests will be conducted as necessary and billed per the contract documents. The actual fee will reflect the services requested and performed. South Dakota Gross Receipts Taxes will be billed according to South Dakota Law.

We look forward to working with you. If you have any questions or comments, we will be happy to discuss them with you. If this proposal meets with your approval, please sign below and return a signed copy for our records.

Sincerely,

AMERICAN TECHNICAL SERVICES, INC.

Dave G. Bressler, P.E. Director of Engineering

PW042506-07 March 9, 200

CITY OF RAPID CITY
Proposal for Materials Testing
2006 Materials Testing Contract; Project (50591) ST06-1465
Rapid City, SD

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The foregoing proposal narrative and all attachments have been read and are hereby accepted.

(COMPANY/ORGANIZATION)
(AUTHORIZED REPRESENTATIVE)
(TITLE)
(DATE)

APPROVED AS TO FORM CITY ATTORNEY'S OFFICE

Attorney Date