


AIA[®] Document B727[™] – 1988
**Standard Form of Agreement Between Owner and Architect
for Special Services**

AGREEMENT made as of the Seventh day of March in the year of Two Thousand Six

BETWEEN the Owner:
(Name and address)

City of Rapid City
Engineering Division
300 6th Street
Rapid City, SD 57701

and the Architect:
(Name and address)

TSP, Inc.
600 Kansas City Street
Rapid City, SD 57701

For the following Project:
(Include detailed description of Project, location, address and scope.)

East St Louis Street Reconstruction Project SSW05-1309
CIP #50468
Rapid City, South Dakota

Providing Construction Documents and Construction Observation and Administration services for the Reconstruction of East St Louis Street between East Boulevard and Maple Avenue and Maple Avenue and Herman Street as per the Request for Proposals dated February 7, 2006.

The Owner and the Architect agree as set forth below.

TSP will include field surveys, geotechnical investigation, cathodic protection recommendations, design plans and specification preparation, and daily on-site construction observation and inspection as a part of the Consultant Services. Upon completion of the project TSP will submit all test result, daily records and field notes, and "as-built" drawings within 30 days of project completion.

In general, plans and specifications will be reviewed at the 95% and 100% design submittal levels. During the design, TSP will also meet with the city staff as required and provide a minimum of two public meetings to obtain information affecting the neighborhood and businesses in the area. Other meetings shall include kick-off meeting, Prebid Conference, Bid Opening, Pre-Construction Conference, Construction Progress Meetings, and Committee and Council Meetings as required.

In addition to the services indicated in the RFP, TSP will provide a cost/benefit analysis for the realignment of the intersection at E. St. Louis and Maple Avenue. If this realignment option is selected it will be incorporated into the overall plans.

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

If given a notice to proceed with the design on or before April 4, 2006 we plan to have the 95% plans, specifications and engineering estimate submitted on or before May 22, 2006 with final 100% construction documents submittal by June 2, 2006 for an anticipated June 27, 2006 bid opening. We have scheduled a one week review period at the Preliminary and 95% design submittals with interim design reviews as necessary on design or criteria option alternatives.

ARTICLE 1 ARCHITECT'S SERVICES

(Here list those services to be provided by the Architect under the Terms and Conditions of this Agreement. Note under each service listed the method and means of compensation to be used, if applicable, as provided in Article 8.)

Service to be provided

See RFP dated February 7, 2006

Method and means of compensation

Hourly not to exceed, billed monthly for services completed, including reimbursable expenses.

ARTICLE 2 OWNER'S RESPONSIBILITIES

§ 2.1 The Owner shall provide full information regarding requirements for the Project. The Owner shall furnish required information as expeditiously as necessary for the orderly progress of the Work, and the Architect shall be entitled to rely on the accuracy and completeness thereof.

§ 2.2 The Owner shall designate a representative authorized to act on the Owner's behalf with respect to the Project. The Owner or such authorized representative shall render decisions in a timely manner pertaining to documents submitted by the Architect in order to avoid unreasonable delay in the orderly and sequential progress of the Architect's services.

ARTICLE 3 USE OF ARCHITECT'S DOCUMENTS

§ 3.1 The documents prepared by the Architect for this Project are instruments of the Architect's service for use solely with respect to this Project and, unless otherwise provided, the Architect shall be deemed the author of these documents and shall retain all common law, statutory and other reserved rights, including the copyright. The Owner shall be permitted to retain copies, including reproducible copies, of the Architect's documents for the Owner's information, reference and use in connection with the Project. The Architect's documents shall not be used by the Owner or others on other projects, for additions to this Project or for completion of this Project by others, unless the Architect is adjudged to be in default under this Agreement, except by agreement in writing and with appropriate compensation to the Architect.

(Paragraphs deleted)

ARTICLE 5 TERMINATION OR SUSPENSION

§ 5.1 This Agreement may be terminated by either party upon not less than seven days' written notice should the other party fail substantially to perform in accordance with the terms of this Agreement through no fault of the party initiating the termination.

§ 5.2 If the Owner fails to make payment when due the Architect for services and expenses, the Architect may, upon seven days' written notice to the Owner, suspend performance of services under this Agreement. Unless payment in full is received by the Architect within seven days of the date of the notice, the suspension shall take effect without further notice. In the event of a suspension of services, the Architect shall have no liability to the Owner for delay or damage caused the Owner because of such suspension of services.

§ 5.3 In the event of termination not the fault of the Architect, the Architect shall be compensated for services performed prior to termination, together with Reimbursable Expenses then due and all Termination Expenses as defined in Section 5.4.

§ 5.4 Termination Expenses shall be computed as a percentage of the compensation earned to the time of termination, as follows:

- .1 For services provided on the basis of a multiple of Direct Personnel Expense, 20 percent of the total Direct Personnel Expense incurred to the time of termination; and
- .2 For services provided on the basis of a stipulated sum, 10 percent of the stipulated sum earned to the time of termination.

ARTICLE 6 MISCELLANEOUS PROVISIONS

§ 6.1 Unless otherwise provided, this Agreement shall be governed by the law of the principal place of business of the Architect.

§ 6.2 Causes of action between the parties to this Agreement pertaining to acts or failures to act shall be deemed to have accrued and the applicable statute of limitations shall commence to run not later than the date payment is due the Architect pursuant to Section 8.4.

§ 6.3 The Owner and Architect, respectively, bind themselves, their partners, successors, assigns and legal representatives to the other party to this Agreement and to the partners, successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement. Neither Owner nor Architect shall assign this Agreement without the written consent of the other.

§ 6.4 This Agreement represents the entire and integrated agreement between the Owner and Architect and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Owner and Architect.

§ 6.5 Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Owner or Architect.

§ 6.6 Unless otherwise provided in this Agreement, the Architect and Architect's consultants shall have no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials in any form at the Project site, including but not limited to asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic substances.

ARTICLE 7 PAYMENTS TO THE ARCHITECT**§ 7.1 DIRECT PERSONNEL EXPENSE**

§ 7.1.1 Direct Personnel Expense is defined as the direct salaries of the Architect's personnel engaged on the Project and the portion of the cost of their mandatory and customary contributions and benefits related thereto, such as employment taxes and other statutory employee benefits, insurance, sick leave, holidays, vacations, pensions, and similar contributions and benefits.

§ 7.2 REIMBURSABLE EXPENSES

§ 7.2.1 Reimbursable Expenses are in addition to the Architect's compensation and include expenses incurred by the Architect and Architect's employees and consultants in the interest of the Project for:

- .1 expense of transportation and living expenses in connection with out-of-town travel authorized by the Owner;
- .2 long-distance communications;
- .3 fees paid for securing approval of authorities having jurisdiction over the Project;
- .4 reproductions;
- .5 postage and handling of documents;
- .6 expense of overtime work requiring higher than regular rates, if authorized by the Owner;
- .7 renderings and models requested by the Owner;
- .8 expense of additional coverage or limits, including professional liability insurance, requested by the Owner in excess of that normally carried by the Architect and the Architect's consultants; and
- .9 Expense of computer-aided design and drafting equipment time when used in connection with the Project.
- .10 Subconsultant fees shall be considered a reimbursable expense.

§ 7.3 PAYMENTS ON ACCOUNT OF THE ARCHITECT'S SERVICES

§ 7.3.1 Payments on account of the Architect's services and for Reimbursable Expenses shall be made monthly upon presentation of the Architect's statement of services rendered or as otherwise provided in this Agreement.

§ 7.3.2 An initial payment as set forth in Section 8.1 is the minimum payment under this Agreement.

§ 7.4 ARCHITECT'S ACCOUNTING RECORDS

§ 7.4.1 Records of Reimbursable Expenses and expenses pertaining to services performed on the basis of a multiple of Direct Personnel Expense shall be available to the Owner or the Owner's authorized representative at mutually convenient times.

ARTICLE 8 BASIS OF COMPENSATION

The Owner shall compensate the Architect as follows:

§ 8.1 AN INITIAL PAYMENT OF zero (\$ 0.00) shall be made upon execution of this Agreement and credited to the Owner's account at final payment.

§ 8.2 COMPENSATION FOR THE ARCHITECT'S SERVICES, as described in Article 1, Architect's Services, shall be computed as follows:

(Insert basis of compensation, including stipulated sums multiples or percentages, and identify the services to which particular methods of compensation apply, if necessary.)

For Design and Construction Services on an hourly basis with hourly rates in accordance with the attached "Manhour Projections" with a not to exceed amount for Design and Construction of \$74, 098.00 including reimbursable expenses but not including taxes. The fee breakdown is as follows:

Design:	\$27,980.00
Construction:	\$21,810.00
Reimbursable Expenses:	\$21,138.00 (Includes subconsultants for both construction and design)
Total:	\$70,928.00

§ 8.3 FOR REIMBURSABLE EXPENSES, as described in Article 7, and any other items included in Article 9 as Reimbursable Expenses, a multiple of one (1.00) times the expenses incurred by the Architect, the Architect's employees and consultants in the interest of the Project.

§ 8.4 Payments are due and payable thirty (30) days from the date of the Architect's invoice. Amounts unpaid sixty (60) days after the invoice date shall bear interest at the rate entered below, or in the absence thereof, at the legal rate prevailing from time to time at the principal place of business of the Architect.

(Insert rate of interest agreed upon.)

1.10% per annum

(Usury laws and requirements under the Federal Truth in Lending Act, similar state and local consumer credit laws and other regulations at the Owner's and Architect's principal places of business, the location of the Project and elsewhere may affect the validity of this provision. Specific legal advice should be obtained with respect to deletions or modifications, and also regarding other requirements such as written disclosures or waivers.)

§ 8.5 IF THE SCOPE of the Project or of the Architect's services is changed materially, the amounts of compensation shall be equitably adjusted.

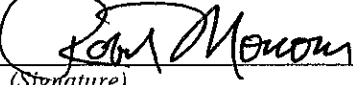
ARTICLE 9 OTHER CONDITIONS

This Agreement entered into as of the day and year first written above.

OWNER

ARCHITECT

(Signature)



(Signature)

(Printed name and title)

Robert Morcom, Principal

(Printed name and title)

DATE:3/7/2006				PW031406-08
RE: East St. Louis Street Reconstruction				
CIP 50468				
Project Number SSW05-1309				
ESTIMATED MANHOURS				
PREPARED BY: TSP, INC.				
TSP NO. #03060519.PP				
PREPARED FOR: City of Rapid City Engineering Division				
		TSP		
DESCRIPTION	PM	PE	PE/EIT	CADD
A. SURVEYS				
Computations				
One-call meeting				
Property Corner Search				
Legal/Boundary/ROW				
Horizontal / Vertical Control				
Topo Survey				
Research Utility Cards		2		8
Base map / Review & Edit		4		8
Easements(TBD)				
Sub-Total hours	0	6	0	16
B. PRELIMINARY DESIGN(35%)				
Pre-design Meeting	1	1		
Cost /Benefit Road Alignment	1	4		2
Cost/Benefit Boring	1	4		
Property owners meeting	2	4		
Geotechnical Investigation				
Prepare cathodic recommendations	1	2		
Cover Sheet				2
General Note Sheet				
Survey Control Sheet				
Traffic Control / Phasing Sheet				
P/P Water & Sewer Layout	1	16		24
Pavement Removal Sheet				
City Standard Details				
Utilities Research/prop.utility alignments		4		8
Storm water design		8		
Water system	1	8		
Prelim. Cost Estimates	1	2		
Preliminary Design Report	1	6		
Review	2	2		
Sub-Total hours	12	61	0	36

	TSP		PW031406-08	
DESCRIPTION	PM	PE	PE/EIT	CADD
C. Final Design (Incl 95% &100%)				
Misc. Meetings	2	4		
Property Owner Meeting	2	4		
Cover Sheet				1
General Note Sheet		8		1
Survey Control Sheet		2		4
Traffic Control / Phasing Sheet		8		12
P/P Water & Sewer Layout	8	24		32
Stormwater design		8		10
Crosssections		4		8
Pavement Removal Sheet		8		12
Misc Details		8		12
City Standard Details		1		2
Specifications/Bid Documents/Cost Est.	2	16		
Review	2	2		
	16	97	0	94
TOTAL DESIGN HOURS	28	164	0	146
	\$130.00	\$95.00	\$65.00	\$60.00
TOTAL Design cost	\$3,640.00	\$15,580.00	\$0.00	\$8,760.00
Total Design Labor Cost				\$ 27,980.00
D. BIDDING				
Prebid conference	2	4		
Misc. addenda		4		
Sub-Total hours	2	8	0	0
E. CONSTRUCTION (12 weeks)				
Preconstruction Meeting	2	2	2	
PSA		4		
Shopdrawing & Submittal Review		4	4	
Construction Observation(3hrs/day)		30	180	
Construction Progress Meetings		12	12	
Substantial Completion	2	4	4	
As-Builts		4		24
Sub-Total hours	4	60	202	24
TOTAL BIDDING & CA/CO HOURS	6	68	202	24
	\$130.00	\$95.00	\$65.00	\$60.00
TOTAL Construction cost	\$780.00	\$6,460.00	\$13,130.00	\$1,440.00
Total Construction Labor Cost				\$ 21,810.00

		TSP	PW031406-08	
DESCRIPTION	PM	PE	PE/EIT	CADD
Reimbursable Expenses	Cost	Unit		Total
Design Phase				
Precision Surveying-Design	\$5,200.00	1		\$5,200.00
Precision Surveying-ROW Platting (If Required)	\$2,000.00	1		\$2,000.00
Catholic Engineering, Inc.	\$1,920.00	1		\$1,920.00
AET- Design	\$2,918.00	1		\$2,918.00
TSP				
Printing (Plans)	\$500.00	1		\$500.00
Copies (Specs.)	\$150.00	1		\$150.00
Photography	\$25.00	1		\$25.00
Telephone /Fax	\$25.00	1		\$25.00
Construction Phase				
AET - Construction Testing	\$3,000.00	1		\$3,000.00
Precision Surveying - Const. Staking	\$5,400.00	1		\$5,400.00
Total				\$21,138.00
Total Design & Construction-Not to Exceed				
				\$70,928.00

TSP, INC.
HOURLY RATE SCHEDULE

<i>Classification</i>	<i>2005 Hourly Rate</i>
Principal	130.00
Department Head	110.00
Senior Architect/Engineer/Project Mgr	100.00
Staff Architect/Engineer	80.00
AIT/EIT	65.00
CAD Technician/Draftsperson	60.00
Clerical	50.00

TSP, Inc.
Reimbursable Expense Rates
(Est. July 1999)

PW031406-08

Description	Price	Unit
8.5 x 11 Photocopies	\$0.10 per	Copy
11 x 17 Photocopies	\$0.18 per	Copy
24 Exp. Film	\$5.00 per	Roll
36 Exp. Film	\$7.00 per	Roll
Developing	Cost	
11 x 17 Black & White Plots on Bond	\$0.25 per	Plot
15 x 21 Black & White Plots on Bond	\$0.75 per	Plot
24 x 36 Black & White Plots on Bond	\$1.25 per	Plot
30 x 42 Black & White Plots on Bond	\$1.75 per	Plot
11 x 17 Color Plots on Bond	\$0.50 per	Plot
15 x 21 Color Plots on Bond	\$1.50 per	Plot
24 x 36 Color Plots on Bond	\$2.50 per	Plot
30 x 42 Color Plots on Bond	\$3.50 per	Plot
15 x 21 Black & White Plot on Vellum	\$2.75 per	Plot
24 x 36 Black & White Plot on Vellum	\$3.75 per	Plot
30 x 42 Black & White Plot on Vellum	\$4.50 per	Plot
15 x 21 Black & White Plot on Mylar	\$3.50 per	Plot
24 x 36 Black & White Plot on Mylar	\$5.00 per	Plot
30 x 42 Black & White Plot on Mylar	\$7.00 per	Plot
24 x 36 Presentation Plot	\$10.00	
30 x 42 Presentation Plot	\$15.00	
11 x 17 Blueprints	\$0.75 per	Print
24 x 36 Blueprints	\$1.50 per	Print
30 x 42 Blueprints	\$2.00 per	Print
Facsimiles (Out-going)	\$1.00 1st Page	0.25 ea add'l page
Facsimiles (In-coming)	\$0.10 per Page	
Mileage	\$0.35 per Mile	
Postage/Fed-Ex/UPS	Cost	
Long-Distance Telephone	Cost	

March 3, 2006

TSP III
ATT: Robert Morcom
600 Kansas City Street
Rapid City, SD 57701

Re: Surveying Services
East St.Louis Street Reconstruction Project SSW05-1309 CIP #50468

Dear Bob,

Thank you for the opportunity to submit our proposal for surveying services on the above mentioned project. From the documents that were provided to us by TSP III and from an onsite visit on Wednesday March 1, 2006 we have come up with the following:

SCOPE OF WORK

- 1) **Control & Benchmark Survey** – The control network will be ran the length of the project and will consist of setting permanent Control Points and Benchmarks along the existing roadway. These Control points will be utilized during the Design and the Construction Phase.
- 2) **Utility Locates**- We will rely on SD One Call Locates and the City of Rapid City to mark any and all utilities along the Design Survey Route. We will call for an on-site utility meeting prior to the start of the design survey and coordinate the locates.

- 3) **Boundary Survey-** We will tie into any found existing property corners along the North Side of East St. Louis St. This will help in determining the limits of the Route as well as help in getting the necessary easements for the construction phase of the property. This does not include the re-establishment of any missing or unfound property corners.
- 4) **Route Survey (Design Survey) -** The Design Survey will consist of locating all manmade and natural objects including Utilities. The alignment will begin with shooting the existing curb & gutter and Sewer M.H. on the West side of East Boulevard and then continuing to the East down E. St. Louis St. Survey Limits will be approximately 75' to the South of the Existing Curb & Gutter and up to any and all buildings on the North Side. This will continue thru Maple Ave. and end where E. St. Louis Street intersects with Herman St. to the North.
- 5) **R.O.W. Platting-** If deemed necessary to re-align E. St. Louis St at the intersection with Maple Ave. we will provide all necessary plats required with the new right-of- way.

COMPENSATION

We propose to do the above mentioned work on a lump sum basis as follows:

Survey Control	\$800.00
Utility Locates	\$400.00
Boundary Work	\$1000.00
Design Survey	\$3000.00
R.O.W. Platting (If required)	\$2000.00

Anything not mentioned in the above referenced scope of work will be billed at an hourly rate. No consideration has been made for varying weather conditions. We assume that the entire Surveying Scope of Work to be completed by the middle of April 2006.

March 7, 2006

Precision Surveying – Construction Staking

East St. Louis Street – *Construction Staking as revised by TSP, Inc. on 3/7/2006 per contract negotiation with City of Rapid*

1200 lf Water Line- Stake Waterline and fittings with 20' Offsets. Probably done in three phases of 400 feet each. Apprx. 16 Crew Hours with calculations.

\$1200.00

Misc. Staking 6 Hydrants and 5 gate valves with offsets. Apprx. 8 hrs.

\$600.00

5 Sewer Manholes and Sanitary Sewer–Approx. 16 hrs

\$1200.00

West half of East St. Louis- 3' Offsets for curb & gutter @ 50' intervals, blue tops on centerline for final grading. – Approx. 24 hrs.

\$1800.00

Rough Staking on West half if needed – Approx. 8 hrs.

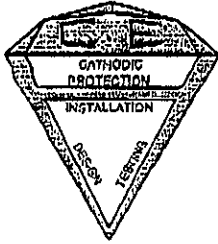
\$600

East half of East St. Louis Street- blue tops only on centerline

N/A

Total Estimated Hours for Crew – 72 hrs. @ \$75.00 = \$5400 (Not to Exceed)

PW031406-08

**CATHODIC ENGINEERING INC.**

CORROSION CONTROL SPECIALISTS

P.O. BOX 5065
ENGLEWOOD, CO 80155
(303) 694-9368
FAX: (303) 771-1793

March 3, 2006

TSP

Attn: Mr. Robert Morcom, P.E.
600 Kansas City Street
Rapid City, SD 57701-2712RE: City of Rapid City, SD
East St Louis Street Reconstruction Project

Dear Mr. Morcom:

Cathodic Engineering Inc. (CEI) is pleased to submit to TSP the following proposal to provide cathodic protection and corrosion engineering subconsulting services for the proposed PVC waterline in the subject project.

SCOPE OF SERVICES**Design Tasks**

1. Review geotechnical information and soil test data if available from TSP to assess soil chemistry and corrosion potential.
2. Complete a corrosion potential review and prepare a design analysis letter identifying any recommended corrosion control measures regarding coatings and cathodic protection.
3. Prepare and submit to TSP draft specifications and draft detail drawings for corrosion protection. Submittal shall be in electronic format (MS Word and DWG files) as well as on paper. TSP to complete any word processing and CAD work required to incorporate this information into its project design documentation as needed.
4. Provide corrosion protection related technical support via telephone/email/fax as needed during project design.
5. Complete final revisions and submit corrosion protection final technical specifications and detail drawings for inclusion in the TSP's project bid documents (100% submittal) for construction of the pipeline. Submittal shall be in electronic format (MS Word and DWG files) as well as on paper. TSP to complete all final word processing and CAD work required.

The fees to complete the above Scope of Services are as follows:

- \$120 per hour plus documented direct expenses, if any, which will be billed at cost. Total fees shall not exceed a total cost of \$1,920 without prior approval from TSP.

The above fees are contingent upon the following:

1. All work completed by CEI shall be performed at its office in Englewood, CO. No time or expenses for travel to Rapid City are included in the above fees.

PW031406-08

TSP

Mr. Robert Moroom, P.E.

March 3, 2006

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2. The schedule for completing CEI's work has not been determined. TSP and CEI shall mutually agree to a schedule prior to work commencement by CEI.
3. CEI may use existing specifications and detail drawings, with any revisions as needed, which have been utilized on other previous waterline projects for the City where CEI has been a corrosion subconsultant.
4. TSP shall provide CEI with TSP's Project design specifications, Plan/Profile drawings, and detail drawings upon CEI's commencement of its work.
5. All construction services such as submittal review, technical support (phone, fax, email), or inspection work are specifically excluded from this proposal. We can provide such work under a separate proposal and fee agreement.

Thank you for the opportunity to submit this proposal. We look forward to working with you on this project.

Very truly yours,

CATHODIC ENGINEERING INC.



Mark A. Matthews, P.E.

President



AMERICAN
ENGINEERING
TESTING, INC.

PW031406-08
CONSULTANTS
• GEOTECHNICAL
• MATERIALS
• ENVIRONMENTAL

March 1, 2006

Mr. Robert Morcom P.E.
TSP
600 Kansas City Street
Rapid City, South Dakota 57701

Subject: Cost Proposal
Geotechnical Exploration Program
Proposed East St. Louis Street Reconstruction
Rapid City, South Dakota
Project SSW05-1309 CIP # 50468

Dear Bob:

INTRODUCTION

American Engineering Testing Inc. (AET) is pleased to provide this proposal for conducting a Geotechnical Exploration Program for the proposed East St. Louis Street Reconstruction project in Rapid City, South Dakota. This work will be done in accordance with AET's 2005 City Wide Geotechnical contract. This proposal 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 East St. Louis Street with new water and sanitary sewer mains between East Boulevard and Maple Avenue. The sanitary sewer main will be repaired, the water main reconstructed and the street patched and overlaid on East St. Louis between Maple Avenue and Herman Street.

SCOPE OF WORK

The purpose of the geotechnical study will be to provide subsurface information along the proposed street. Borings will be drilled to 15 feet below current grades. The subgrade strength of the site soils between Maple Avenue and Herman street will be determined using a static cone DCP to determine in-place CBR values. In order to accomplish the above stated purpose, AET proposes the following scope of work:

*East St. Louis Street Reconstruction
 Project SSW05-1309
 CIP # 50468*

Schedule/Borings

One day to drill 4 borings to 15 feet along East St. Louis Street

Laboratory Testing

Natural moisture-density tests.....8
 Proctor test2

Report

The report will provide trench excavation & backfilling recommendations, results of the resistivity tests and recommendations for new asphalt and concrete pavement sections and asphalt overlays.

Preliminary Fees

Borings

Four borings to 15 feet - 60 feet @ \$15.00/foot\$900.00
 In-place CBRs 2 tests @ \$75.00/test\$150.00
 Mobilization.....\$100.00
 Utility Locates - 2 hours @ \$58.00/hour\$116.00
 Field Resistivity - 3 @ \$75/ea\$225.00

Laboratory Testing

Natural Moisture/Density tests - 8 @ \$16.00 each\$128.00
 Proctors - 2 @ \$125/each.....\$250.00
 CBR - 1 @ \$125/each\$125.00

Report

Senior Engineer - 2 hour @ \$105.00/hour\$210.00
 Project Engineer - 6 hours @ \$78.00/hour\$468.00
 Drafting - 2 hours @ \$55.00/hour.....\$110.00
 Clerical - 1 hour @ \$37.00/hour\$37.00

Subtotal.....\$2,819.00

CONSTRUCTION TESTING - TIME AND MATERIALS NTE \$3,000.00

East St. Louis Street Reconstruction
Rapid City, South Dakota
Page 3

SCHEDULE

Weathered permitting, AET will schedule the field work to begin within five days from being given written authorization to proceed. We anticipate the drilling can be completed in one day. 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 proposal by endorsing the enclosed copy and returning it to our office. The original proposal 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: _____

PRINTED NAME: _____

COMPANY: _____

DATE: _____