

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

Date:

Project Name & Number: Milo Barber Transportation Center Improvements GB08-1765

CIP #: 50746-1765

Project Description: Renovation and Improvements to Milo Barber Transportation Center, 333 Sixth Street

Consultant: Geiger Architecture

Original Contract Amount: \$104,150

Original Contract Date: Nov 3, 2008

Original Completion Date: Nov 3, 2009

Amendment Number: Three

Amendment Description: Construction administration (testing and inspections) of Phase 2 Site Improvements, including alley improvements, bus transfer island, improved ingress, egress and accessibility.

Current Contract Amount: \$233,090.00

Current Completion Date: May 28, 2010

Change Requested: \$8,445.20

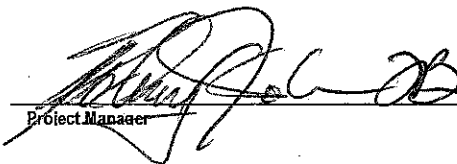
New Contract Amount: \$241,535.20

New Completion Date: December 31, 2010

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$1,689.04	8915	4223	505	Const Admin of Phase 2 (testing and inspections)
\$6,756.16	8915	4223	505	80% FTA Reimbursable
\$8,445.20	Total			

Agreement Review & Approvals

 8-4-10
Project Manager Date

Division Manager Date

Department Director Date

City Attorney Date

ROUTING INSTRUCTIONS

- Route **two** originals of the **Agreement** for review and signatures.
- Finance Office - Retain one original
- Project Manager - Retain second original for delivery to Consultant
- cc: Public Works
- Engineering
- Project Manager

FINANCE OFFICE USE ONLY

(Note to Finance: Please write date of Agreement in appropriate space in the Agreement document)

Date	Initials	Approved
		Y N
Appropriation		Y N
Cash Flow		Y N

**Amendments to the Agreement between the City of Rapid City and Geiger
Architecture**

Project: Milo Barber Transportation Center Improvements

Project #: GB08-1765

Amendment #3:

Amend to include:

Construction Testing Services: Earthwork Testing, Concrete Testing,
Hot Mix Asphalt Testing, and Structural Steel Testing.

Opinion of Probable Cost: \$ 8,445.20

* Does not provide Special Inspection services as required for the current IBC chapter 17,
Quality Assurance guidelines. The Owner is responsible for engaging the services of a
qualified inspection agency to perform these duties.

City of Rapid City

Lee Geiger

Geiger Architecture

City of Rapid City - Finance

Date

Aug 3 2010

Date

Date



ARCHITECTURE
COMMERCIAL &
RESIDENTIAL
PLANNING &
DEVELOPMENT

August 3, 2010

City of Rapid City
Mr. Rod Johnson
300 Sixth Street
Rapid City, SD 57701

Re: FMG's Construction Testing Services Proposal
Milo Barber Transportation Center Site Improvements
Rapid City, SD

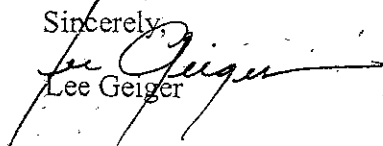
Dear Rod:

Attached, please find the cost breakdown for our administrative costs and FMG's proposal to provide the construction testing services for the Milo Barber Transportation Center Site Improvements project in Rapid City, SD.

TASK 1 – Earthwork Testing:	\$3,005.00
TASK 2 – Concrete Testing:	\$3,739.00
TASK 3 – Hot Mix Asphalt Pavement Testing:	\$130.20
TASK 4 – Structural Steel Testing:	\$821.00
TASK 5 – Project Administration/Coordination:	<u>\$750.00</u>
Total Cost Proposal	\$8,445.20

If you have any questions, or desire any additional information, please call us at your earliest convenience. *Thank you for the opportunity to be of service.*

Sincerely,


Lee Geiger

Attachment



FMG, INC. 3700 Sturgis Road, Rapid City, South Dakota 57702-0317 605/342-4105
FAX 605/342-4222

August 3, 2010

Geiger Architecture
Mr. Lee Geiger
613 Main, Suite 201
Rapid City, SD 57701

Re: Construction Testing Services Proposal
Milo Barber Transportation Center Site Improvements
Rapid City, SD

Dear Mr. Geiger:

Thank you for this opportunity to offer our constructing testing services for the referenced project. We have prepared this testing services proposal based on the project plans and specifications, and input from the general contractor. Based on the information received we understand that the scope of testing will include the following.

TASK 1 – Earthwork Testing

Field density testing would be performed using a Troxler nuclear density gauge. There would be some field observation required for the proof-rolling of the pavement subgrade, and observation of the bottom of the canopy foundation excavations prior to placement of the engineered fill. There will be soil laboratory testing such as moisture-density relationships (proctors), and laboratory testing on the proposed engineered fill material.

Assumptions:

- Density testing of canopy foundation engineered fill and foundation backfill.
- Density testing of pavement subgrade/subbase.
- Density testing of storm drain trench backfill.
- Observation of proof-rolling of pavement subgrade.
- Observation of bottom of canopy foundation excavations.

TASK 2 – Concrete Testing

As per the project specifications, our Construction Technician would cast one set of four test cylinders for compressive strength testing for each concrete placement tested. The fresh concrete would also be tested for slump, entrained air content, and temperature at the same time the test cylinders are cast. There will be laboratory compressive strength testing of the concrete test cylinders. We understand there will be numerous small sidewalk placements, so we have assumed you will just want us to test several of the larger placements.

Assumptions

- Canopy Footings and Columns – test 6 concrete placements
- PCC Pavement – test 8 concrete placements
- Sidewalks -- test 3 concrete placement
- Curb and Fillets -- test 3 concrete placements

TASK 3 – Hot Mix Asphalt Pavement Testing

There will be a small amount of asphalt pavement work so we have assumed we would make one site visit to test the density of the HMA during paving operations.

TASK 4 – Structural Steel Testing

The canopy bolted connections will be checked to determine that the bolts, washers and nuts are in place for the bolted connections, and that the connections have been tightened. A welding inspector will be retained to visually check field welds on the canopy steel frame work. Our senior construction technician will check the steel decking to determine if the deck welds and side lap fasteners are in place at the specified frequency.

Assumptions:


- Random check bolted connections, steel deck welded studs puddle welds & lap fasteners -- assumed 2 site visits
- Random check field welds -- assumed 2 site visits

Enclosed, please find our estimate of the construction testing costs for this project. The testing costs are based on the contractor's estimated quantities and on how they plan on proceeding with the project, so the actual testing costs could vary from this estimate. Additional testing services beyond the scope of work indicated in this proposal would be performed only with your prior authorization to do so. Note you can reduce or add to the scope of work at any time.

If you have any questions, or desire any additional information, please call us at your earliest convenience. *Thank you for the opportunity to be of service.*

Sincerely,

FMG Inc.,



James J. Trudeau

Enclosures

c: FMG August 2010 Proposal File
Corporate/Marketing/Proposals/Testing/MiloBarberTransCenter.pro.doc

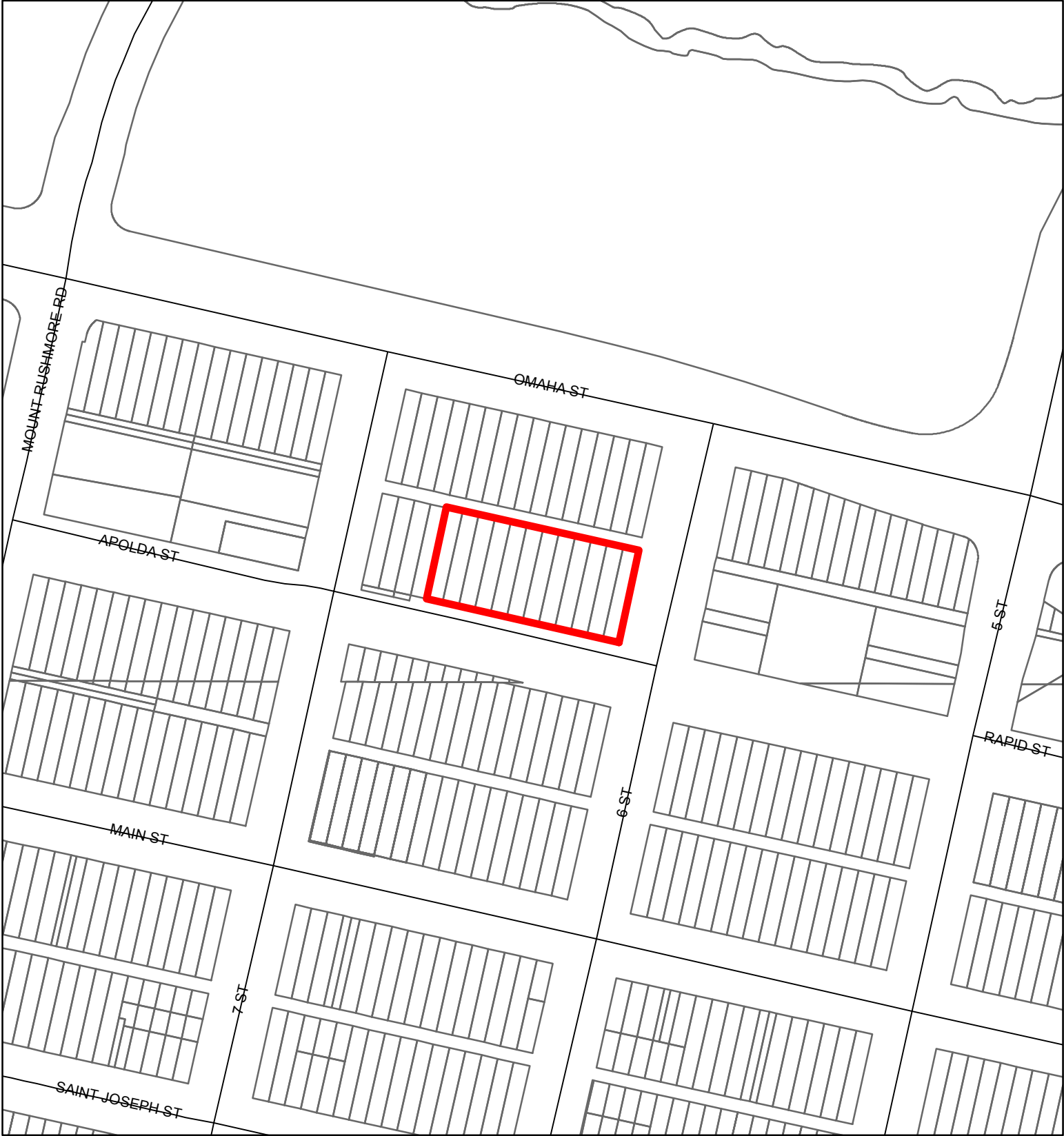
FMG INC. FEE SCHEDULE for CONSTRUCTION TESTING

PROJECT INFORMATION			CLIENT INFORMATION			
PROJECT NAME:	Milo Barber Transportation Center Site Improvements	NAME: Lee Geiger	COMPANY: Geiger Architecture			
PROJECT LOCATION:	Rapid City, SD	ADDRESS: Rapid City, SD				

Task/Item/Materials	Quantity	Units		Rate	per Unit	Sub-Total
FIELD TESTING SERVICES						
TASK 1 - EARTHWORK TESTING						
Field Technician-Density Testing	30	hours	@	\$50.00	per hour	\$1,500.00
Sen. Construction Technician-Observation	6	hours	@	\$100.00	per hour	\$600.00
Moisture-Density Curve	3	tests	@	\$135.00	each	\$405.00
Atterberg Limits	1	tests	@	\$75.00	each	\$75.00
Standard Sieve Analysis	1	tests	@	\$75.00	each	\$75.00
Senior Administrative Assistant-Reporting	3	hours	@	\$50.00	per hour	\$150.00
Senior Construction Technician-Admin.	2	hours	@	\$100.00	per hour	\$200.00
Vehicle		miles	@	\$0.65	per mile	\$0.00
Earthwork Testing Sub-Total						\$3,005.00
TASK 2-CONCRETE TESTING						
Field Technician	40	hours	@	\$50.00	per hour	\$2,000.00
Concrete Test Cylinder Compression Test	60	tests	@	\$20.00	each	\$1,200.00
Plastic Cylinder Mold	80	molds	@	\$2.00	each	\$160.00
Senior Administrative Assistant-Reporting	1	hours	@	\$50.00	per hour	\$50.00
Construction Technician-Reporting	3	hours	@	\$75.00	per hour	\$225.00
Vehicle	160	miles	@	\$0.65	per mile	\$104.00
Concrete Testing Sub-Total						\$3,739.00
TASK 3-HOT MIX ASPHALT PAVEMENT						
Field Technician	2	hours	@	\$50.00	per hour	\$100.00
Senior Administrative Assistant-Reporting	0.5	hours	@	\$50.00	per hour	\$25.00
Vehicle	8	miles	@	\$0.65	per mile	\$5.20
Hot Mix Asphalt Pavement Testing Sub-Total						\$130.20
TASK 4-STRUCTURAL STEEL & DECKING						
Senior Construction Technician-Bolts & Deck	3	hours	@	\$100.00	per hour	\$300.00
Senior Welding Inspector-Field Welds	3	hours	@	\$90.00	per hour	\$270.00
Senior Administrative Assistant-Reporting	0.5	hours	@	\$50.00	per hour	\$25.00
Senior Construction Technician-Reporting	2	hours	@	\$100.00	per hour	\$200.00
Vehicle	40	miles	@	\$0.65	per mile	\$26.00
Structural Steel & Steel Decking Testing Sub-Total						\$821.00
PROJECT SUBTOTAL						\$7,695.20
SALES TAX (not applicable)						\$0.00
OPINION OF TOTAL PROBABLE COST						\$7,695.20

EXHIBIT "A"

SCALE 1" = 200'



MILO BARBER TRANSPORTATION CENTER IMPROVEMENTS PROJECT NO. GB08-1765