

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

Date: 5/16/16

Project Name & Number: Anamosa Street Reconstruction – Midway St to Milwaukee St. 07-1473      CIP #: 50559

Project Description: Reconstruction of Anamosa Street from Midway Street to Milwaukee Street.

Consultant: FMG, Inc.

Original Contract Amount: 73,710.00	Original Contract Date: 8/2/11	Original Completion Date:
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**Addendum No: 1**

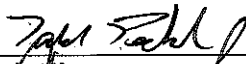
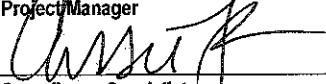
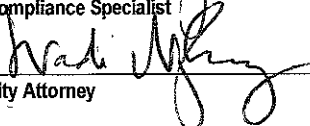
**Amendment Description:** Prepare plans for apartment building demolition. Additional work to add traffic signal at intersection of Maple/Anamosa, ROW acquisition, relocation of EAFB water meter pit and change from DOT format to City format for bid letting purposes. Original agreement was for water/sewer only, as grading work was done under DOT contract.



Current Contract Amount: <u>                    </u>	\$73,710.00	Current Completion Date: <u>                    </u>
Change Requested: <u>                    </u>	\$84,012.00	
New Contract Amount: <u>                    </u>	\$157,722.00	New Completion Date: <u>December 31, 2017</u>

**Funding Source This Request:**

Amount	Dept.	Line Item	Fund	Comments
\$5,000.00	833	4223	604	
\$10,000.00	933	4223	602	
\$5,000.00	8911	4223	505	
\$64,012.00	8910	4223	505	
\$84,012.00	<b>Total</b>			

### Agreement Review & Approvals

	5/16/16	
Project Manager	Date	
	5/19/16	
Compliance Specialist	Date	
	5/24/16	
City Attorney	Date	

	5-19-16	
Division Manager	Date	
	5-19-16	
Department Director	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
5/25/16	JW	(Y) N
Cash Flow		Y N

**AMENDMENT NO. 1 TO AGREEMENT**

**Project:** Anamosa Street Reconstruction – Midway Street to Milwaukee Street. Project No. 07-1473 / CIP 50559

**Background Data:** Effective Date of Agreement: August 2, 2011  
Owner: City of Rapid City  
Engineer: FMG, Inc.

**Nature of Amendment:** Prepare plans for apartment building demolition. Additional work to add traffic signal at intersection of Maple/Anamosa, ROW acquisition, relocation of EAFB water meter pit and change from DOT format to City format for bid letting purposes. Original agreement was for water/sewer only, as grading work was done under DOT contract.

**Current Contract Amount:** \$73,710.00

**Change Requested:** \$84,012.00

**New Contract Amount:** \$157,722.00

Owner and Engineer hereby agree to modify the above referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect. The effective date of this Amendment is:

\_\_\_\_\_.

CITY OF RAPID CITY:

ENGINEER:

By: \_\_\_\_\_  
Mayor

By: Richard Audm  
FMG, Inc.

Date Signed: \_\_\_\_\_

Date Signed: 5/13/16

ATTEST:

By: \_\_\_\_\_  
Finance Officer

Date Signed: \_\_\_\_\_

REVIEWED BY:

Todd Peckosh  
Todd Peckosh, Project Engineer



**EXHIBIT A**  
**SCOPE OF SERVICES**  
**AMENDMENT 1**  
**ANAMOSA STREET RECONSTRUCTION – PHASE 3**  
**MIDWAY STREET TO MILWAUKEE STREET**  
**PROJECT NO. ST07-1473 CIP 50559**

The South Dakota Department of Transportation and the City of Rapid City have agreed to delete Project No. P 1648(04) from the State Transportation Improvement Program (STIP), which is a federally funded program. In return the state will provide the City of Rapid City matching funds for this project through state funds in lieu of federally funded allocations. Therefore, the South Dakota Department of Transportation in agreement with the City of Rapid City and the City's Consultant (FMG, Inc.) terminated its contract with FMG, Inc. for the remaining design services for P 1648(04).

This contract amendment includes the remaining design services necessary to complete previous STIP project, including but not limited to addressing 90% comments issued by SDDOT, right-of-way acquisition services, converting construction plans from SDDOT borders to City of Rapid City plan borders, and preparing City bid documents. Additional items requested by the City's Engineering Department are also included within this amendment.

**TASK 2 - SUBTASK 1 - FINAL DESIGN SERVICES:**

The following items are being added or modified from the original agreement.

- 2.1.1 The City of Rapid City has adopted a policy concerning the removal and reconstruction of private irrigation lines located within City of Rapid City right-of-way for Capitol Improvement Projects. FMG will prepare and mail questionnaires concerning existing irrigation lines and the City of Rapid City's current policy towards reconstruction of private irrigation lines within City right-of-way. Follow up with property owners as needed.
- 2.1.2 The original agreement with SD DOT included hours for plans revisions based on SD DOT review comments. These hours are being transferred to this agreement amendment.
- 2.1.3 Plan Changes and Updates – The following itemized list are changes or additions requested by the City.
  - Include right turn lane for eastbound Anamosa Street to southbound N. Maple Street as outlined in the Traffic Design Report.
  - Analyze the impacts to private property if a minimum of a 5 foot boulevard is added to areas of the project where current plans do not show a 5 foot minimum boulevard. This mainly affects the Church Property located at 1404 N. Maple Avenue.
  - Since the development of the 90% plans in 2011 the EAFB water meter pit at N. Maple Avenue has been abandoned and a water booster station has been added near the in College Park. Reevaluation of the water main connections and shut down phasing requirements is required.
  - The church at 1404 N. Maple Avenue has made or will be making improvements for fire protection of their building. FMG will coordinate with the Church for location of a service line for fire protection.
  - Included with the additions noted above will be updates to Erosion Control, Signing, Striping, and Cross Section plans.
- 2.1.4 Prepare and submit design exception requests to the City as required.

- 2.1.5 Convert the construction plans prepared under the SD DOT contract to City of Rapid City construction plans. The plans will retain the current 11x17 format with original coloring as submitted for final design review. SD DOT borders will be changed to FMG/City borders. Plans will remain in the SD DOT section format with the utility portion of the plans changed to Section G.

Change SD DOT standard bid items to appropriate City of Rapid City standard bid items and adjust plan notes accordingly. Change SD DOT standard plates to appropriate City of Rapid City standard plates. Some SD DOT standard plates will remain as required.

- 2.1.6 Provide a final cost estimate for the entire project including all revisions noted above.
- 2.1.7 Lighting and Signals – The City has requested plans include the signalization of the Anamosa Street / N. Maple Avenue intersection. Signal heads for through traffic and left turn traffic per the current edition of the MUTCD will be provided for both streets. Pedestrian push buttons will be placed at all four quadrants of the intersection. Intersection lighting will be provided on the proposed signal poles. Lighting plans in the vicinity of the additional right turn lane and 5 foot boulevards will be revised accordingly. Lighting plans will be updated based on SD DOT comments from final review.
- 2.1.8 Demolition of Apartment Building at 1111 N. Maple – Separate construction plans and bidding documents will be prepared for the demolition of the apartment building and pavement at 1111 N. Maple Avenue. FMG will provide asbestos inspection report to be included in the plans, additional topographic survey required for areas on the southwest side of the building, and full demolition, grading, and restoration plans.

Plans for demolition of the apartment building will include the following:

- Additional Survey on the southwest side of the existing building to establish existing topographic data not obtained for the original contract.
- Asbestos Inspection – Anderson Environmental Services
- Plan Notes and Specifications
- Demolition Plan of Building and Pavement
- Grading Plan
- Erosion Control Plan
- Cross Sections for Final Grading Plan.

Anamosa Street Reconstruction – Phase 3 plans will show proposed grading from the demolition of the building and pavement.

- 2.1.9 Right of Way Documents and Assistance. FMG will prepare temporary easement exhibits for City of Rapid City prepared easement documents. Prepare / Revise permanent easements and H-Lots based on final plans requirements.

Provide engineering assistance services for right-of-way negotiations. This includes providing plans interpretation and/or attending meetings with property owners.

#### TASK 2 - SUBTASK 2 – RIGHT OF WAY SERVICES:

- 2.2 A separate notice to proceed will be issued by the City of Rapid City, if the City requires FMG's services for this subtask.

Right-of-Way Negotiations – Temporary and permanent easement acquisition tasks were originally under contract with SD DOT.

- Determined assessed value of properties with permanent easement acquisition, not including the property at 1404 N. Maple Ave. and 103 E. Anamosa Street. These valuations will be determined by the City's appraisal consultant. The values for determining compensation shall be 115% of the assessed value shown on Rapid Map.
- Update and send letters to property owners concerning the acquisition of temporary easements for construction and / or permanent easement requirements.
- Conduct initial property owner meetings to discuss easement requirements, inform the property owners of the compensation for easements.
- Conduct follow-up meeting with property owners for acquisition as needed.
- Upon completion of easement acquisition, provide the City with easement documents and summary.
- Assist the City with right-of-way negotiations for 1404 N. Maple Avenue and 103 E. Anamosa Street.

### TASK 3 – BIDDING SERVICES:

This task consists of all additional services necessary for the administration of the Bidding Services of the project. There will be two bid lettings, one for the demolition of the 1111 N. Maple Ave. and one for the street and utility project. Services provided account for these two lettings.

- 3.1 Submit sufficient information to the City of Rapid City project manager for completion of City Advertising Authority form for the Apartment Building Demolition Plans and the Anamosa Street Reconstruction – Phase 3 Plans.
- 3.2 Consultant shall proof print quality before full production of copies are made.
- 3.3 Arrange and conduct a Pre-Bid Conference for both projects. Record attendance and minutes. Distribute minute copies to only Consultant and City.
- 3.4 Prepare and issue addenda to the bid documents as required for Apartment Building Demolition project, Anamosa Street Reconstruction – Phase 3 project is already included in the original contract.
- 3.5 Electrical Sub-Consultant Bidding Period Services
- 3.6 Review Bidder's Proposals and review and sign the City Engineering Services prepared Bid Tab for both the Apartment Building Demolition project and Anamosa Street Reconstruction – Phase 3 project.
- 3.7 Prepare As Built Drawings after completion of the construction project.

### BILLING RATES

The effective date of the original agreement was August 10, 2011. Consultants' cost have increased since that time and billing rates for this Amendment No. 1 shall be as shown in Exhibit C – Amendment No. 1. The Exhibit C – Amendment No. 1 billing rates will also be used for the remaining work under the original agreement. No additional allowance for increased rates under the original contract is required.

END OF SCOPE NARRATIVE

**EXHIBIT B - AMENDMENT 1**  
**TASK SCHEDULE-ESTIMATED MAN-HOURS AND FEES**  
**ANAMOSA STREET WATER AND SEWER-FINAL DESIGN PHASE 3**  
**ANAMOSA STREET - MIDWAY STREET TO MILWAUKEE ST.**  
**Project No. ST07-1473 / CIP No. 50559**  
**FMG, Inc.**  
**May, 2016**

<b>TASK 2 - FINAL DESIGN</b>		
2.1.1	Questionnaire for Existing Irrigation Lines	\$ 450.00
2.1.2	Revise Plans Based on DOT Comments	\$ 9,380.00
2.1.3	Update Plans for Additional Items Requested by the City	\$ 13,369.00
2.1.4	Submit Design Exception Requests	\$ 661.00
2.1.5	Merge DOT Plans to City Plans	\$ 2,204.00
2.1.6	Revise Cost Estimate	\$ 1,416.00
2.1.7	Lighting and Signal Plans Update - West Plains Engineering	\$ 7,380.00
2.1.8	Demolition of 1111 N. Maple Avenue	\$ 10,680.00
2.1.9	Right-of-Way Assistance	\$ 10,788.00
2.2.1	Right-of-Way Negotiations	\$ 15,198.00
<b>TOTAL FOR TASK 2-FINAL DESIGN</b>		<b>\$ 71,526.00</b>

<b>TASK 3 - BIDDING SERVICES</b>		
<b>Task 3</b>	<b>Bidding Phase</b>	
3.1	Information to City for Advertising Authority (2-Lettings)	\$ 472.00
3.2	Proof Plans Prints (2-Lettings)	\$ 354.00
3.3	Prebid Meetings (2-Lettings)	\$ 1,524.00
3.4	Prepare and Issue Addenda (2-Lettings)	\$ 5,672.00
3.5	Electrial Bidding Services	\$ 630.00
3.6	Bid Tabulations, Review and Recommendation (2-Lettings)	\$ 354.00
3.7	As Built Drawings	\$ 3,480.00
<b>TOTAL FOR TASK 3-BIDDING PHASE</b>		<b>\$ 12,486.00</b>

<b>TOTAL FOR AMENDMENT 1 FOR ST07-1473</b>		<b>\$ 84,012.00</b>
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**EXHIBIT C**

**FMG ENGINEERING**

**2016 RATE SCHEDULE**

**FOR**

**AMENDMENT 1**

**ANAMOSA STREET RECONSTRUCTION – PHASE 3**

**PROJECT No. ST-1473 / CIP No. 50559**

<b><u>PERSONNEL</u></b>	<b><u>RATE</u></b>
Principal Civil Engineer	\$145.00/hr
Senior Geotechnical Engineer	\$123.00/hr
Senior Civil Engineer	\$118.00/hr
Senior Materials Specialist	\$110.00/hr
Civil Engineer – PE	\$85.00/hr
Civil Engineer – EIT	\$75.00/hr
Environmental Scientist	\$80.00/hr
Geologist	\$75.00/hr
CADD Technician	\$70.00/hr
Engineering Technician	\$55.00/hr
GIS Specialist	\$85.00/hr
Registered Land Surveyor	\$87.00/hr
Survey Crew Chief	\$68.00/hr
Survey Technician	\$55.00/hr
Senior Administrative Assistant	\$55.00/hr
 <b><u>VEHICLES &amp; EXPENSES</u></b>	
Mobilization (support vehicle)	\$0.70/mile
Travel Costs - air, lodging, transport, meals, etc.	cost
Document/Plans Reproduction	cost