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

Date: December 2, 2016

Project Name & Number: Fulton Street Reconstruction Project No. 15-2223 / CIP 50872

Project Description: Design street, sewer and water reconstruction and drainage improvements.

Consultant: FMG, Inc.

<table>
<thead>
<tr>
<th>Original Contract Amount: $136,210.00</th>
<th>Original Contract Date: 4/5/15</th>
<th>Original Completion Date: 10/31/16</th>
</tr>
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Addendum No: 2

Amendment Description: Preliminary design of Twelfth Street storm sewer from Fulton to Quincy, South Street non-conforming water service lines correction, and additional easement negotiations.

<table>
<thead>
<tr>
<th>Current Contract Amount: $152,240.00</th>
<th>Current Completion Date: October 31, 2016</th>
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<tbody>
<tr>
<td>Change Requested: $28,255.00</td>
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<tr>
<td>New Contract Amount: $180,495.00</td>
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<tr>
<td>New Completion Date: February 20, 2018</td>
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Funding Source This Request:

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<tr>
<th>Amount</th>
<th>Dept.</th>
<th>Line Item</th>
<th>Fund</th>
<th>Comments</th>
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<td>8911</td>
<td>4223</td>
<td>505</td>
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Total

Agreement Review & Approvals

Keith Johnson 12/1/16
Project Manager

[Signature]
12-1-16
Compliance Specialist

[Signature]
12-2-16
City Attorney

[Signature]
12-5-16
Division Manager

[Signature]
12-5-16
Department Director

[Signature]
12-5-16
Department Director

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
Project Manager

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

Appropriation
[Signature]
12/1/16
Cash Flow

[Signature]
12/5/16
Approved

Rev. 03/2009
AMENDMENT NO. 2 TO AGREEMENT

Project: Fulton Street Reconstruction Project 15-2223 / CIP Number 50872

Background Data: Original Contract Date: April 6, 2016
Owner: City of Rapid City
Consultant: FMG, Inc.

Nature of Amendment: Provide preliminary design of Twelfth Street storm sewer from Fulton to Quincy, South Street non-conforming water service lines correction, and additional easement negotiations.

Current Contract Amount: $152,240.00
Change Requested: $28,255.00
New Contract Amount: $180,495.00

Owner and Contractor 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
By: ________________________________________
Mayor
Date: ________________________________________

ENGINEER
By: ________________________________________
Date: ________________________________________

ATTEST:
By: ________________________________________
Finance Officer
Date: ________________________________________
FMG ENGINEERING
AMENDMENT NO.2 TO AGREEMENT FOR SCOPE OF SERVICES
FOR
FULTON STREET RECONSTRUCTION
PROJECT NO. 15-2223 CIP 50872

GENERAL

The original project scope included design, bidding, and construction services for reconstruction of Fulton Street and associated city utilities from Thompkins Street to 9th Street. The basis of design for storm sewer improvements were taken from the recommendations from the “West Boulevard Sewer Reconstruction, Volume 2 – Drainage Evaluation” completed by Ferber Engineering (2011). Amendment No.1 added scope to review these recommendations and prepared a preliminary street design for 12th Street to accommodate the overland flows. However, the resulting on street flow depths for the modeled storm events were greater than that allowed by the Infrastructure Design Criteria Manual (IDCM).

To accommodate IDCM requirements, the 12th Street preliminary design will need to be completed a second time to include storm sewer. To accommodate interim storm water flows, a storm sewer will also be added on Fulton Street from West Boulevard to 12th Street. Water and sanitary sewer adjustment will be required to accommodate the new storm sewer.

The resulting street grades and intersection geometrics to accommodate the storm sewer flows require C-wall sidewalks to an extent that were not previously anticipated. These are property line sidewalks and will require additional easements than those identified during project scoping or preliminary design.

City staff has requested additional water service line installation and abandonments on South Street/West Boulevard to correct non-conforming service lines. This request requires additional project design and plan sheets.

AMENDED SCOPE OF SERVICES

The scope of work in this contract amendment for the additional storm sewer evaluation will include Task A2 - Final Design Services. The specific tasks for this additional work are summarized on the following page.
EXHIBIT A

Task A2 – Final Design

A2.1 Conceptual Design 12TH Street Storm Sewer
A preliminary design of the street and storm sewer layout and profile will be completed for 12th Street from Fulton to Quincy Street. The hydraulic analysis and street design will be summarized in a technical memorandum that can be used for future design of 12th Street. Submit three (3) copies and a PDF version of the tech memo and preliminary plans to City of Rapid City’s project manager for review and comment.

A2.2 Preliminary and Final Storm Sewer Design on Fulton Street
Final design for a portion of the 12th Street storm sewer from Task A2.1 above at the Fulton Street intersection will be included in the project. Preliminary and Final Design will be completed for storm sewer on Fulton Street from 12th Street to West Boulevard to handle interim flows until the remainder of the future 12th Street storm sewer is constructed. The design will include adjustments to water and sanitary sewer as necessary.

A2.3 Water Service Lines, Correct Non-Conforming Lines -South Street
Preliminary and Final Design will be completed for two water services on South Street and abandonment of the existing service on West Boulevard. No additional field survey will be completed for this task. Design will be based on existing mapping and service card information. The City will send letters to property owners notifying them of the new service and abandonment schedule in which they will be required to correct the non-conforming service lines on their own property.

A2.4 Additional Time for Easements and II-Lot Negotiations & Preparation
Original scope identified 13 easements. There are now 21 easements. Assist the City with easement(s) acquisition, and obtain property owner contact information, prepare easement and ROW exhibits as necessary, provide copies of current deeds of properties where easements are needed, conduct property owner meetings for easement and ROW acquisition, and document acquisition meetings.

A2.5 Submittal Review Meeting
Attend submittal review meeting with City staff and make revisions to tech memo, if necessary.
ANTICIPATED SCHEDULE

Project funding has been reallocated for 2018 construction. The following schedule will accommodate an early 2018 bid date.

Final Design Services Submittal                  April 2017
Final Plans, Specifications, and Contract       June 2017
Documents Complete                              
Project Bid Opening Date                        January 2018
Project 100% Construction Complete              November 2018

END OF SCOPE NARRATIVE
FMG ENGINEERING

AMENDMENT NO. 2 TO AGREEMENT FOR SCOPE OF SERVICES

FOR

FULTON STREET RECONSTRUCTION

PROJECT NO. 15-2223 / CIP 50872

<table>
<thead>
<tr>
<th>TASK A2 - CONTRACT AMENDMENT NO. 2</th>
<th>FEES</th>
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<tbody>
<tr>
<td>A2.1 Conceptual Design 12TH Street Storm Sewer</td>
<td>$8,230.00</td>
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<tr>
<td>A2.2 Preliminary and Final Storm Sewer Design on Fulton Street</td>
<td>$10,370.00</td>
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<td>A2.3 Water Service Lines, Correct Non-Conforming Lines - South Street</td>
<td>$1,595.00</td>
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<td>A2.4 Additional Time for Easements and H-Lot Negotiations &amp; Preparation</td>
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<td>A2.5 Attend Submittal Review Meeting with City Staff</td>
<td>$740.00</td>
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<td>A2.6 Reimbursables, Printing, Supplies, Mileage, Expendables</td>
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<td>$28,255.00</td>
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