REQUEST AUTHORIZATION FOR MAYOR AND FINANCE OFFICER TO SIGN
PROFESSIONAL SERVICES AGREEMENT OR AMENDMENT
Date: May 25, 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.

Original
Contract Amount: $136,210.00
Contract Date: 4/6/15
Completion Date: 10/31/16

Addendum No: 1
Amendment Description: Surveying and preliminary design of Twelfth Street from Fulton to Quincy.

Current Contract Amount: $136,210.00
Change Requested: $16,030.00
New Contract Amount: $152,240.00
Current Completion Date: October 31, 2016
New Completion Date: December 31, 2016

Funding Source This Request:

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<td>$16,030.00</td>
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Agreement Review & Approvals

Project Manager
Keith Anderson 6/25/16
Date
Compliance Specialist
Mark McRaney 6/19/16
Date
Division Manager
Joel Pers 6-7-16
Date
Department Director
Mark McRaney 6-7-16
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

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

Appropriation 01/29/16
Cash Flow

Rev. 03/2009
AMENDMENT NO. 1 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 surveying and preliminary design of Twelfth Street from Fulton to Quincy to convey the 100-year storm flows.

Current Contract Amount: $136,210.00
Change Requested: $16,030.00
New Contract Amount: $152,240.00

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: _______________________________  ENGINEER
   Mayor
Date: _______________________________  Date: 5/25/16

ATTEST:
By: _______________________________
   Finance Officer
Date: _______________________________
FMG ENGINEERING

AMENDMENT NO.1 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). Implementation of these recommendations will direct storm water flows north on 12th Street utilizing the street section as the conveyance element. Flows that exist on 11th Street south of Fulton will be turned and flow east on Fulton Street towards West Boulevard utilizing Fulton Street as the conveyance.

Street sections and intersection geometry will be critical to conveyance of these flows. The street geometries must also meet Infrastructure Design Criteria Manual requirements and be navigable by the traveling public without excessive dips and crests.

Preliminary Design review identified the need to investigate the impacts of storm sewer flows and street geometries north of the project limits on 12th Street between Fulton Street and Quincy Street. A separate project by others will investigate 12th Street from Quincy Street to St. Joseph Street.

Some flows on 11th Street may crest Fulton Street and continue north. The impacts of storm sewer flows will be evaluated on 11th Street between Fulton and South Street.

A Preliminary Design of the street layout and geometry on 12th Street from Fulton to Quincy Street and on 11th Street from Fulton to South Street will be completed. Final Design and construction of these recommended improvements will be completed by future projects.

AMENDED SCOPE OF SERVICES

The scope of work in this contract amendment for the additional storm sewer evaluation will include Task A1 - Preliminary Design Services. The specific tasks for this additional work are summarized on the following page.
Task A1 – Preliminary Design

A1.1 Perform Site Surveys
The street section will be the conveyance element for storm water. A route survey will be performed to establish a complete profile of the existing streets and surface elevations for all area within the ROW. The ROW will be established from parcel lines currently on file from the City’s RapidMap GIS system. No boundary survey will be completed. The intersecting streets will also be surveyed for ½ block in each direction to establish grades from each intersection. Underground utilities will not be located or surveyed. The survey shall be tied to at least two City of Rapid City Monument Control system monuments utilizing State Plane coordinates and the NAVD 88 vertical datum.

A1.2 Conceptual Drainage Design Analysis & Report
A preliminary design of the street layout and profile will be completed for 12th Street from Fulton to Quincy Street and on 11th Street from Fulton to South Street with emphasis on the street intersections as well as all alleys and driveways. The street design will be made to convey the 100-yr storm flows established by the West Boulevard Sewer Reconstruction, Volume 2 – Drainage Evaluation. The hydraulic analysis and street design will be summarized in a technical memorandum that can be used for future design of 12th Street and 11th 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.

A1.3 Submittal Review Meeting
Attend submittal review meeting with City staff and make revisions to tech memo, if necessary.

ANTICIPATED SCHEDULE

The work shall be completed in conjunction with the design schedule as set forth in the original agreement.

END OF SCOPE NARRATIVE
FMG ENGINEERING

AMENDMENT NO.1 TO AGREEMENT FOR SCOPE OF SERVICES

FOR

FULTON STREET RECONSTRUCTION

PROJECT NO. 15-2223 / CIP 50872

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<tr>
<td>A1.1 Perform Site Surveys</td>
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<tr>
<td>A1.2 Conceptual Drainage Design Analysis &amp; Report</td>
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<td>A1.3 Attend Submittal Review Meeting with City Staff</td>
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