

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

Date:

Project Name & Number: Water and Sewer Extension Projects Project # 13-2100

CIP #: 50961

Project Description: Design water main and sewer main extensions to eliminate non-conforming service lines.

Consultant: FMG, Inc.

Original
Contract Amount: \$143,700.00

Original 12-16-13
Contract Date:

Original 7/30/14
Completion Date:

Addendum No: 1

Amendment Description: Addition of design and bidding services for abandonment of a 12" water main, and extension of new water and sewer mains in Harter Addition; and replacement of asphalt pavement in Clark Street.

Current Contract Amount:	\$143,700.00	Current Completion Date:	July 30, 2014
Change Requested:	\$23,965.00		
New Contract Amount:	\$167,665.00	New Completion Date:	March 15, 2015

Funding Source This Request:

\$6,350.72	604	4223	833	Sewer Replacement / Improvements
\$13,899.70	604	4223	834	Sewer Expansion
\$1,318.08	602	4223	933	Water Replacement / Improvements
\$2,396.50	602	4223	934	Water Expansion
\$23,965.00	Total			

Agreement Review & Approvals

Keith Johnson 5/9/14
Project Manager Date

Amber Lutz 5/13/14
Compliance Specialist Date

[Signature] 05/13/14
City Attorney Date

[Signature] 5-13-14
Division Manager Date

[Signature] 5-13-14
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	
Appropriation	5/14/14	[Signature]	Y	N
Cash Flow			Y	N

AMENDMENT NO. 1 TO AGREEMENT

Project: Water and Sewer Extension Projects
Project No. 13-2100 / CIP No. 50961

Background Data: Effective Date of Agreement: December 16, 2013
Owner: City of Rapid City
Engineer: FMG, Inc.

Nature of Amendment: Addition of design and bidding services for abandonment of a 12" water main, and extension of new water and sewer mains in Harter Addition; and replacement of asphalt pavement in Clark Street.

Current Contract Amount: \$143,700.00

Change Requested: \$23,965.00

New Contract Amount: \$167,665.00

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: _____
FMG, Inc.

Date Signed: _____

Date Signed: _____

ATTEST:

By: _____
Finance Officer

Date Signed: _____

REVIEWED BY:

Keith Johnson
Keith Johnson, Project Manager



FMG ENGINEERING
AMENDMENT NO.1 TO AGREEMENT FOR SCOPE OF SERVICES
FOR
WATER AND SEWER EXTENSION PROJECTS
PROJECT NO. 13-2100 CIP 50961

GENERAL

The original project scope included design, bidding, and construction services for water and/or sewer extensions at 10 sites that would be completed under 5 projects. During preliminary design, it was determined that an additional project would be necessary in order to facilitate the abandonment and partial replacement of an existing 12" cast iron water main on the low level system that lies north of Canyon Lake Drive between Sheridan Lake Road and Dakota Drive. Correction of non-conforming sewer services by extension of public sewer mains adjacent to the 12" water main abandonment shall also be completed with this new project.

It was also determined that Clark Street between 4th Street and 5th Street, which is one of the original 10 sites, should have all existing asphalt concrete paving along with curb and gutter replaced with the sewer and water main extensions.

These two items constitute additional scope of work tasks and an amendment to the agreement is necessary.

AMENDED SCOPE OF SERVICES

The scope of work in this contract amendment for the additional project to facilitate the 12" water main abandonment and correction of adjacent non-conforming sewer services will include; Task 1 - Preliminary Design Services, Task 2 - Final Design Services, and Task 3 - Bidding Period Services only. A separate contract will be negotiated and prepared for Task 4 - Basic Construction Services and Task 5 - Expanded Construction Services, if necessary. The list of specific tasks for this additional project shall conform to the detailed task summary in the original agreement.

The additional pavement and curb and gutter replacement on Clark Street requires additional survey and design efforts, but no new projects will be necessary. The additional tasks will be completed in conjunction with the original scope of work and schedule for Clark Street.

EXHIBIT A

ANTICIPATED SCHEDULE FOR NEW PROJECT

Notice to Proceed for this Agreement	June 3, 2014
Task 1 Preliminary Design Submittal	October 10, 2014
Task 2 Final Design Submittal	November 21, 2014
Final Plans, Specs, & Contract Docs	January 9, 2015
Project Bid Opening	February 10, 2015
Construction Complete	June 2015

END OF SCOPE NARRATIVE

**EXHIBIT B - AMENDMENT NO.1
 TASK SCHEDULE-ESTIMATED MAN-HOURS AND FEES
 WATER AND SEWER EXTENSION PROJECTS
 PROJECT NO. 13-2100 CIP 50961**

FMG, INC. - 5/8/2014

TASK 1 - PRELIMINARY DESIGN - NEW PROJECT - 12" ABANDON		
1.1	Kickoff Meeting	\$ 190.00
1.2	Collect and Review Background Information	\$ 150.00
1.2.1	Collect Water and Sewer Service Cards	\$ 70.00
1.3	Perform Site Surveys	\$ -
1.3.1	Plat/Property Research	\$ 200.00
1.3.2	Identify Land Ownership	\$ 80.00
1.3.3	Property Corner Search	\$ 1,080.00
1.3.4	Horizontal/Vertical Control	\$ 125.00
1.3.5	Main Line Detailed Route Survey	\$ 1,500.00
1.3.6	Private Utility Coordination	\$ 125.00
1.3.7	Drafting Survey Information/Set up Design Sheets	\$ 520.00
1.3.8	Field Check Survey Information	\$ 140.00
1.4	Develop and Distribute Survey Questionnaire	\$ 95.00
1.5	Meet with Individual Property Owners for ROW/Easements	\$ 880.00
1.6 (A)	Conceptual Design Report	\$ 1,020.00
1.6 (B)	Conceptual Drawings	\$ -
1.6 (B).1	Cover Sheet	\$ 32.50
1.6 (B).2	Survey Control Sheet	\$ 145.00
1.6 (B).3	Anticipated Traffic Control Phasing	\$ 290.00
1.6 (B).4	Anticipated Erosion Control Measures	\$ 290.00
1.6 (B).5	Property Layout and Land Ownership	\$ 210.00
1.6 (B).6	Plan and Profile Sheets	\$ 2,035.00
1.6 (B).7	Detail Sheets	\$ 32.50
1.7	Attend Submittal Review Meeting with City Staff	\$ 190.00
1.8	Perform Geotechnical Investigation- NOT NEEDED	\$ -
1.9	Reimbursables, Printing, Supplies, Mileage, Expendables for Prelim Design	\$ 100.00
TOTAL FOR TASK 1-PRELIMINARY DESIGN - 12" ABANDON		\$ 9,500.00

**EXHIBIT B - AMENDMENT NO.1
TASK SCHEDULE-ESTIMATED MAN-HOURS AND FEES
WATER AND SEWER EXTENSION PROJECTS
PROJECT NO. 13-2100 CIP 50961**

TASK 2 - FINAL DESIGN - NEW PROJECT - 12" ABANDON		
2.1	Address City Comments/Task 1 Final Review and Finalize Design Report	\$ 927.50
2.2	Provide Project Layout, Ownership and Occupancy	\$ 70.00
2.3	Determine Removal Limits with City Project Manager	\$ 40.00
2.4	Coordinate with Geotechnical Engineer - NOT NEEDED	\$ -
2.5	Incorporate Design Report Features	\$ 202.50
2.6	Provide Erosion and Sediment Control Plans and SWPPP	\$ 290.00
2.7	Provide Detailed Traffic Control Plans	\$ 290.00
2.8	Provide Project Sequence of Implementation and Phasing Schedule	\$ 40.00
2.9	Coordinate with Utility Companies	\$ 220.00
2.10	Notify City Project Manager if Private Utilities need Relocation	\$ 55.00
2.11	Design Exception Requests	\$ 80.00
2.12	Provide Detailed Specifications/General Notes	\$ 270.00
2.13	Provide Complete Plans and Specifications	\$ -
2.13.1	Title Sheet	\$ 32.50
2.13.2	Estimate of Quantities Tables	\$ 350.00
2.13.3	Project General Notes Sheets	\$ 400.00
2.13.4	Survey Control Sheet / Horizontal/Vertical and Alignment Data	\$ 145.00
2.13.5	Property Control Drawings	\$ 210.00
2.13.6	Demo Sheets	\$ 530.00
2.13.7	Plan and Profile Sheets	\$ 1,900.00
2.13.8	Surfacing Sheets	\$ 475.00
2.13.9	Standard Details	\$ 100.00
2.13.10	Special Details	\$ 290.00
2.14	Plan Documents Adhere to Current City Guidelines	\$ 710.00
2.15	Staking Information-Included in Plans Survey Control Task	\$ -
2.16	Assist with Easement Acquisition/Exhibit Preparation	\$ 715.00
2.17	Provide 2 copies and PDF Version of final Project Design Report	\$ 130.00
2.18	Provide 3 copies and PDF Version of final Design Submittal	\$ 130.00
2.19	Address 100% Submittal Staff Comments	\$ 565.00
2.20	Engineer's Certification on Plans	\$ 40.00
2.21	Prepare Permits and Exhibits	\$ 55.00
2.22	Identify Permits and Costs	\$ 55.00
2.23	Prepare Final "Engineer's Estimate" of Probable Cost	\$ 497.50
2.24	Deliver Final Plans and Bid Documents	\$ 160.00
2.25	Arrange and Conduct Open House with Residents	\$ 380.00
2.26	City Submits Final Documents to DENR (Not a Consultant Task)	\$ -
2.27	Attend Public Works and Council Meetings if Necessary	\$ -
2.28	Meet with Property Owners and Complete Assessed Project Paperwork	\$ -
2.29	Reimbursables, Printing, Supplies, Mileage, Expendables	\$ 245.00
TOTAL FOR TASK 2-FINAL DESIGN - 12" ABANDON		\$ 10,600.00

**EXHIBIT B - AMENDMENT NO.1
 TASK SCHEDULE-ESTIMATED MAN-HOURS AND FEES
 WATER AND SEWER EXTENSION PROJECTS
 PROJECT NO. 13-2100 CIP 50961**

TASK 3 - BIDDING SERVICES - NEW PROJECT - 12" ABANDON		
Task 3	Bidding Phase	
3.1	Information to City for Advertising Authority	\$ 110.00
3.2	Proof Print Quality at Printers	\$ 70.00
3.3	Prebid Meeting/Minutes	\$ 540.00
3.4	Prepare and Issue Addenda	\$ 760.00
3.5	Attend Public Works Committee and Council Meetings as Required (Not Needed)	0
3.6	Bid Tabulations, Review and Recommendation	\$ 190.00
TOTAL FOR TASK 3-BIDDING PHASE - 12" ABANDON		\$ 1,670.00

ADDITIONAL TASKS - CLARK STREET		
1.1	Additional Survey	\$ 830.00
1.2	Additional Quantity Takeoff/Tables	\$ 225.00
1.3	Additional Surfacing Sheets/Typical Section	\$ 1,140.00
TOTAL FOR ADDITIONAL TASKS - CLARK STREET		\$ 2,195.00

TOTAL ALL TASKS		\$ 23,965.00
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