

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

Date: October 2, 2012

Project Name & Number: Jackson Boulevard Utilities Chapel Lane to Rapid Creek Bridge
Project No. SSW10-1837

CIP #: 50177

Project Description: Professional Engineering Services for the preliminary design of the Phase 2 Jackson Blvd Utilities.

Consultant: FMG, Inc.

Original
Contract Amount: \$224,211.00

Original
Contract Date: August 16, 2011

Original
Completion Date: August 1, 2012

Addendum No: 1

Amendment Description: This amendment is for final design and bidding services of a 20" Water Transmission Main as a breakout project to be constructed in 2013 prior to the SDDOT project construction. This project needs to be completed in 2013 to facilitate the testing of the Jackson Springs Water Treatment Plant.

Current Contract Amount: \$224,211.00

Current Completion Date: August 1, 2012

Change Requested: \$56,395.00



New Contract Amount: \$280,606.00


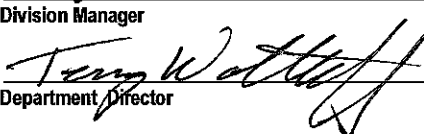
New Completion Date: January 31, 2013

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$56,395.00	933	4223	602	
	Total			

Agreement Review & Approvals

 9/17/12
Project Manager Date
 9/17/12
Compliance Specialist Date

 9-17-12
Division Manager Date
 9-17-12
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
9/19/12		Y N
		Y N

Appropriation
Cash Flow

AMENDMENT NO. 1 TO AGREEMENT

Project: Jackson Boulevard Utilities Chapel Lane to Rapid Creek Bridge
 Project No. SSW10-1837
Background Data: Effective Date of Agreement: August 16, 2011
 Owner: City of Rapid City
 Engineer: FMG, Inc.

Nature of Amendment: This amendment is for final design and bidding services of a 20" Water Transmission Main as a breakout project to be constructed in 2013 prior to the SDDOT project construction. This project needs to be completed in 2013 to facilitate the testing of the Jackson Springs Water Treatment Plant.

Current Contract Amount: \$224,211.00

Change Requested: \$56,395.00

New Contract Amount: \$280,606.00

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: October 2, 2012.

CITY OF RAPID CITY:

ENGINEER:

By: _____
 Mayor

By: _____
 FMG, Inc.

Date Signed: _____

Date Signed: _____

ATTEST:

By: _____
 Finance Officer

Date Signed: _____

REVIEWED BY:


 Michelle Schweitzer, Project Manager



FMG ENGINEERING
AMENDMENT NO. 1 TO AGREEMENT FOR SCOPE OF SERVICES
FOR
TASK 2 – FINAL DESIGN SERVICES
AND
TASK 3 – BIDDING PERIOD SERVICES
JACKSON BOULEVARD UTILITIES
“BREAKOUT” PROJECT
20-Inch Water Transmission Main
Project No. SSW10-1837 CIP No. 50177

GENERAL

The City of Rapid City proposes to reconstruct various water transmission lines, water distribution lines, sanitary sewers, storm sewers and other drainage improvements in conjunction with a SDDOT project that will reconstruct Jackson Boulevard between Chapel Lane and Rapid Creek in 2014 and 2015. The Preliminary Design Report and Preliminary Drawings for that overall project were prepared by FMG, Inc., and submitted to the City of Rapid City on August 6, 2012. Part of the proposed overall City Utility Project is a 20-Inch water transmission main between Park Drive and Rapid Creek.

The 20-Inch transmission main needs to be completed by the fall of 2013 to be in service for commissioning of the Jackson Springs Water Treatment Plant (JSWTP) and associated high level pump station.

In order to accommodate the JSWTP schedule, it is proposed that the 20-Inch transmission main be constructed as part of a “Breakout” Project in advance of the other City utility work to be completed on Jackson Boulevard. The 20-Inch water main will be designed in general conformance with the Preliminary Design Report and Preliminary Drawings and subsequent review comments that will be provided by the City of Rapid City.

Preliminary investigations and interviews have also identified a considerable maintenance item on the sanitary sewer main that should be corrected in advance of the other work. The old metering flume adjacent to the Canyon Lake Park bathrooms is causing a flow restriction and requires excessive maintenance to clean and remove grease and debris from the flow line of the manhole. It is proposed that the metering manhole be removed and replaced with a segment of pipe until the collection system is replaced in this area with the main project in 2014 and 2015.

EXHIBIT A

The base maps for the project shall be the base maps provided by SDDOT as used for their roadway design project. The base maps will be updated with supplemental survey information gathered during this Breakout Project to include current one-call utility locations, Golf Course parking lot topographic survey, and other miscellaneous features not shown on the SDDOT survey.

Supplemental subsurface geotechnical investigations shall be performed along the "Breakout" project watermain. The supplemental drilling is needed because (1) the City has been led to believe there may be rubble along a portion of the proposed water main centerline and (2) the portion of the main in the Golf Course parking lot warrants investigation, and (3) the location for the proposed boring of the water main under Jackson Boulevard warrant investigation.

Plan sheets will be 11" x 17" color. The City of Rapid City is responsible for all printing costs for plans and project manual for bidding period.

Individual tasks and subtasks to complete the work are shown in Exhibit C - Task Schedule. The list of tasks will not be necessarily limited to those shown. Tasks will be added or deleted as needed to complete the project.

RATES

Rates for this amendment shall remain the same as the original contract.

PROJECT SCHEDULE

The preliminary Project schedule for this amendment is as outlined below and is subject to change:

NOTICE TO PROCEED	September 18, 2012
PRELIMINARY DESIGN DRAWING SUBMITTAL	October 30, 2012
FINAL DESIGN SUBMITTAL	November, 26, 2012
BID OPENING	December 18, 2012
COMPLETE CONSTRUCTION	June 28, 2013

AMENDMENT 1 FOR BREAKOUT PROJECT
EXHIBIT C TASK SCHEDULE
TASK 2 FINAL DESIGN, TASK 3 BIDDING PERIOD,

JACKSON BLVD UTILITIES - "BREAKOUT PROJECT"
20-INCH TRANSMISSION MAIN
Project No. SSW10-1837
September 5, 2012

TASK 2 - FINAL DESIGN SERVICES

TASK 2-FD1	Meetings, Overall Coordination, Investigative Reports	
FD1.1	Design Coordination Meetings and Minutes	\$940.00
FD1.2	Supplemental Topo Survey along Water Main Alignment	\$4,190.00
FD1.3	Supplemental Subsurface Exploration Drilling	\$2,000.00
FD1.3	Complete and Submit Flood Management Checklist	\$210.00
FD1.4	Submittals to DENR - Address Comments	\$235.00
FD1.5	Final Design Memo (To be inserted into Design Report for main project)	\$1,300.00
	<i>Task FD1 Manhour Subtotal</i>	\$8,875.00
TASK 2-FD2	Final Review Bid Proposal, Specifications, and Drawings	
FD2.1	Cover Sheet and Legend Sheets	\$130.00
FD2.2	Plan Note Specification Sheets	\$1,020.00
FD2.3	Quantity Takeoff	\$940.00
FD2.4	Overall Estimate of Quantities Sheet	\$340.00
FD2.5	Tables of Quantities Sheets	\$1,230.00
FD2.6	Survey Control and Alignment Sheets	\$365.00
FD2.7	Demolition Plan Sheets (Estimate 8 sheets)	\$3,760.00
FD2.8	Plan and Profile Sheets (Estimate of 14 Sheets)	\$13,160.00
FD2.9	Manhole Removal and Replacement Sheet	\$810.00
FD2.10	Corrosion Protection and Details	\$550.00
FD2.11	Erosion and Sediment Control Plans	\$1,360.00
FD2.12	SWPPP	\$970.00
FD2.13	Standard Detail Sheets	\$470.00
FD2.14	Special Detail Sheets	\$940.00
FD2.15	Creek Crossing Design and Coordination with Agencies	\$3,720.00
FD2.16	Dewatering Requirements	\$420.00
FD2.17	Traffic Control Sheets	\$2,720.00
FD2.18	Project Manual Special Provisions/Spec Book Items	\$1,400.00
FD2.19	Cost Estimate	\$1,100.00
FD2.20	Coordinate with Parks Dept and Golf Course	\$420.00
FD2.21	Coordinate & meet with SDDOT related to ongoing Roadway Design	\$840.00
FD2.22	SDDOT Utility and Right of Way Permit Applications	\$210.00
FD2.23	USACE Nationwide Permit for Stream Crossing	\$550.00
FD2.24	Coordinate with Private Utility Companies	\$485.00
FD2.25	Review Meetings, Quality Control Reviews, Plan Checking, Oversight	\$3,600.00
FD2.26	Expendables and Mileage	\$500.00
	<i>Task FD2 Manhour Subtotal</i>	\$42,010.00
TASK 2-FD3	Final Construction Drawings	
FD3.1	Final Revisions and Plotting of Plans and Specifications	\$3,010.00
FD3.2	Expendables and Mileage	\$100.00
	<i>Task FD3 Manhour Subtotal</i>	\$3,110.00

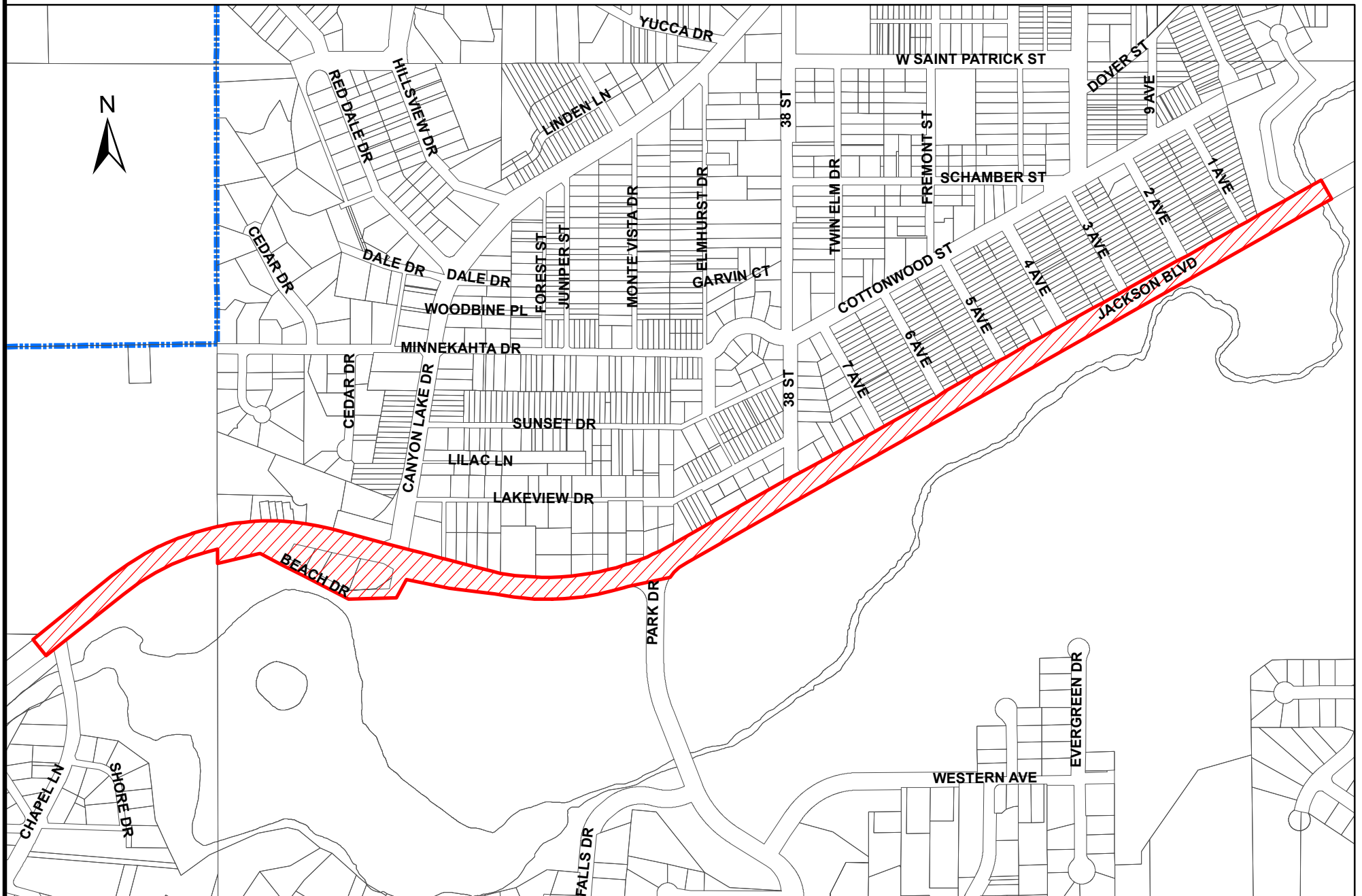
AMENDMENT 1 FOR BREAKOUT PROJECT
EXHIBIT C TASK SCHEDULE
TASK 2 FINAL DESIGN, TASK 3 BIDDING PERIOD,

JACKSON BLVD UTILITIES - "BREAKOUT PROJECT"
20-INCH TRANSMISSION MAIN
Project No. SSW10-1837
 September 5, 2012

BD1	TASK 3 BIDDING PERIOD SERVICES	
BD1.1	Pre-Bid Meeting	\$210.00
BD1.2	Plans and Specification Interpretation	\$890.00
BD1.3	Prepare and Issue Addenda	\$1,250.00
BD1.4	Expendables and Mileage	\$50.00
	<i>Task BD1 Manhour Subtotal</i>	\$2,400.00

TOTAL ALL TASKS	\$56,395.00
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OVERALL FEE SUMMARY	
Task 2 Final Design Services	\$53,995.00
Task 3 Bidding Period Services	\$2,400.00
TOTAL FEE	\$56,395.00



**JACKSON BOULEVARD UTILITIES
CHAPEL LANE TO RAPID CREEK BRIDGE
PROJECT NO. SSW10-1837 CIP NO. 50177**