

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

Date: July 7, 2010

Project Name & Number: Jackson Boulevard Utilities, Project No. SSW09-1509

CIP #: 50351

Project Description: Professional engineering services for the Jackson Boulevard Utilities Project.

Consultant: FMG, Inc.

Original
Contract Amount: \$227,431.00

Original
Contract Date: 11/03/2009

Original
Completion Date: 3/15/2010

Addendum No: 002

Amendment Description: According to the original contract, the scope of services and associated fees for Tasks 2 and 3 were to be negotiated as a future amendment. This amendment includes Task 2 – Final Design Services and Task 3 – Bidding Period Services, See Exhibit A. See Exhibit C for the maximum amount of the fees for the services. The Schedule of Pay Rates is the same according to the original contract's Exhibit B. See Figure 1 of Exhibit A for the project location.

Current Contract Amount:	\$234,111.00	Current Completion Date:	March 15, 2010
Change Requested:	\$205,998.00	New Completion Date:	July 1, 2011
New Contract Amount:	\$440,109.00		

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$41,199.60	833	4223	604	
\$109,178.94	933	4223	602	
\$55,619.46	8911	4223	505	
\$205,998.00				
Total				

Agreement Review & Approvals

[Signature] 7/7/2010 ^{SPT}
 Project Manager Date

[Signature] 7-7-10
 Compliance Specialist Date

[Signature] 7-8-10
 City Attorney Date

[Signature] 7-7-10
 Division Manager Date

[Signature] 7-8-10
 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	7/8/10	<i>[Initials]</i>	Y N
Cash Flow			Y N

AMENDMENT NO. 2 TO AGREEMENT

Project: Jackson Boulevard Utilities
Rapid Creek Bridge to Mountain View Road
Project No. SSW09-1509 / CIP No. 50351

Background Data: Effective Date of Agreement: November 3, 2009
Owner: City of Rapid City
Engineer: FMG, Inc.

Nature of Amendment: According to the original contract, the scope of services and associated fees for Tasks 2 and 3 were to be negotiated as a future amendment. This amendment includes Task 2 – Final Design Services and Task 3 – Bidding Period Services, See Exhibit A. See Exhibit C for the maximum amount of the fees for the services. The Schedule of Pay Rates is the same according to the original contract's Exhibit B. See Figure 1 of Exhibit A for the project location.

Current Contract Amount: \$234,111.00

Change Requested: \$205,998.00

New Contract Amount: \$440,109.00

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: July 21, 2010.

CITY OF RAPID CITY:

By: _____
Mayor

Date Signed: _____

ATTEST:

By: _____
Finance Officer

Date Signed: _____

REVIEWED BY:

 7/7/10
Steve Schelske, Project Manager

ENGINEER:

By: 
FMG, Inc.

Date Signed: 7/8/2010

EXHIBIT A

FMG ENGINEERING
AMENDMENT NO. 2 TO AGREEMENT FOR SCOPE OF SERVICES
FOR
TASK 2 – FINAL DESIGN SERVICES AND
TASK 3 – BIDDING PERIOD SERVICES
JACKSON BOULEVARD UTILITIES
Rapid Creek Bridge to Mountain View Road
Project No. SSW09-1509 CIP No. 50351
PCN X01D

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 SDDOT reconstruction of a portion of Jackson Boulevard.

This project is to be let in conjunction with South Dakota Department of Transportation Project P 0044(129)42, SD Highway 44, Pennington County, Grading, PCC Paving, Storm Sewer, Curb & Gutter, Roadway Lighting, & Traffic Signals, PCN 00X9.

The project limits include Jackson Boulevard from the east end of the Rapid Creek Bridge to the intersection of Mountain View Road, tie-ins to the adjacent streets and existing utilities, new water mains, and adjacent areas needed for storm sewer collection improvements and facilities including stormwater quality.

FMG, Inc. was selected through the City's Consultant selection process to provide engineering services for Tasks 1 through 5 for the referenced project. Task 1 – Preliminary Design Services has been completed under the original phase of this contract.

Services included under this contract modification are Task 2 – Final Design Services and Task 3 – Bidding Period Services. Services shall be in general conformance with the RFP with the following notable changes to the RFP as requested by the City of Rapid City.

- Add design for street and utility reconstruction of June Court.
- Add design for improvements to Jackson Pond for detention/outlet works/wetland channel.
- Add design for improvements to Jackson Park access road drainage structure and near downstream vicinity overbank grading.
- Storm water quality design deleted from project except at the Water Treatment Plant Drainage outfall area.

EXHIBIT A

- Add design for landscaping enhancement at end of Jackson Blvd Frontage Road where pavement is being removed.
- Add design of sanitary sewer on Lance Street from Lodge Street east to vertical sag.
- Add field survey for June Court, Jackson Pond south and east areas, Alternate #4 sewer route, Lance Street, easements required for City project.
- Add Geotechnical borings for above referenced June Court and Lance Street designs
- Add Drainage Basin Design Plan Amendment

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.

Project schedule for is as outlined below:

NOTICE TO PROCEED	July 13, 2010
FINAL DESIGN REVIEW SUBMITTAL TO CITY	October 12, 2010
CITY REVIEW COMMENTS TO FMG	November 11, 2010
FINAL BUILDABLE CONSTRUCTION DRAWINGS TO CITY	November 25, 2010
BIDDING PERIOD SERVICES – Work to be performed during SDDOT letting in 1 st Qtr. 2011	

FMG ENGINEERING
AMENDMENT NO. 2 TO TASK SCHEDULE FOR
TASK 2 FINAL DESIGN SERVICES
AND TASK 3 BIDDING PERIOD SERVICES
Rapid Creek Bridge to Mountain View Road
Project No. SSW09-1509 CIP No. 50351
PCN X01D

TASK 2 - FINAL DESIGN SERVICES (FD)		
SUBTASK FD1	Meetings, Overall Coordination, Reports	
FD1.1	Design Coordination Meetings and Minutes	\$5,420.00
FD1.2	Utility Coordination Meetings	\$960.00
FD1.3	Attend meetings with City Committee(s)	\$480.00
FD1.4	Overall Project Coordination and Administration	\$5,640.00
FD1.5	Initial Update of Drawing Files For City Project from SDDOT updates	\$2,590.00
FD1.6	Interim Technical Memorandums/Submittals	\$1,580.00
FD1.7	Compete and Submit Flood Management Checklist	\$190.00
FD1.8	Submittals to DENR - Address Comments	\$480.00
FD1.9	Identify Contractor Required Permits & Costs	\$300.00
FD1.10	Submittals to USACE for Work in Critical Levee Area	\$2,720.00
FD1.11	Update Drainage Report based on updated SDDOT Design	\$2,240.00
FD1.12	Prepare Drainage Basin Design Plan Amendment report	\$3,240.00
FD1.13	Overall Final Design Report	\$4,570.00
	Subtask FD1 Total	\$30,410.00
SUBTASK FD2	Field Survey	
FD2.1	Topo Survey for June Court Reconstruction	\$2,040.00
FD2.2	Topo Survey for Lance Street Sewer	\$3,160.00
FD2.3	Topo Survey for Alt #4 Sewer (around Creekside Office Park)	\$2,240.00
FD2.4	Limited Detail Topo Survey for south side of Jackson Pond	\$1,560.00
FD2.5	Property Survey for Permanent Easements required by City project	\$4,720.00
FD2.6	Water & Sewer Cards & Ownership for added reconstruction areas	\$480.00
FD2.7	Field and Office Check	\$660.00
	Subtask FD2 Total	\$14,860.00
SUBTASK FD3	Final Review Bid Proposal, Specifications, and Drawings	
FD3.1	Multiple Updates to Drawing files as SDDOT provides changes	\$3,840.00
FD3.2	Cover Sheet	\$120.00
FD3.3	Phasing/Sequencing Coordination and Drawing Sheets	\$2,830.00
FD3.4	Plan Note Specification Sheets	\$3,420.00
FD3.5	Quantity Takeoff	\$5,120.00
FD3.6	Overall Estimate of Quantities Sheet	\$730.00
FD3.7	Coordinate for New Bid Item Numbers	\$360.00
FD3.8	Tables of Quantities Sheets	\$1,700.00
FD3.9	Survey Control and Alignment Sheets	\$810.00

EXHIBIT C

FD3.10	Water and Sewer Plan Sheets (DOT area)	\$18,480.00
FD3.11	Water and Sewer Profile Sheets (DOT area)	\$21,360.00
FD3.12	Alt 4 Sewer Plan Sheets Beyond SDDOT Limits	\$3,840.00
FD3.13	Alt 4 Sewer Profile Sheets Beyond SDDOT Limits	\$2,400.00
FD3.14	Temporary Water Service Design along Jackson Blvd	\$2,400.00
FD3.15	WTP Drainage Plan Sheets downstream of SDDOT outfall pipe	\$5,820.00
FD3.16	WTP Drainage Profile Sheets downstream of SDDOT outfall pipe	\$3,840.00
FD3.17	WTP Drainage Water Quality Design and Details	\$2,720.00
FD3.18	June Court Utility and Street Reconstruction Sheets	\$5,560.00
FD3.19	Lance Street Sanitary Sewer Construction	\$2,960.00
FD3.20	Jackson Pond Detention Improvement	\$3,480.00
FD3.21	Jackson Park Access Road Culvert Improvements	\$1,050.00
FD3.22	Kreamer Ditch Overflow Grading behind homes)	\$1,960.00
FD3.23	Erosion and Sediment Control Plans (Outside of SDDOT Limits)	\$3,240.00
FD3.24	SWPPP (Outside of SDDOT Limits)	\$880.00
FS3.25	Standard Detail Sheets	\$755.00
FS3.26	Special Detail Sheets	\$2,680.00
FD3.27	Additional Traffic Control outside of SDDOT or for special utility needs	\$2,960.00
FD3.28	Project Manual Special Provisions/Spec Book Items	\$1,200.00
FD3.29	Easement Exhibits for City Items	\$3,600.00
FD3.30	Cost Estimate	\$2,460.00
FD3.31	Quality Control Reviews, Plan Checking, Oversight	\$6,300.00
	Subtask FD3 Total	\$118,875.00
SUBTASK-FD4 Final Buildable Construction Drawings		
FD4.1	Update Drawing files as SDDOT provides changes	\$1,820.00
FD4.2	Final Changes to City Portion	\$8,100.00
	Subtask FD4 Total	\$9,920.00
SUBTASK FD5 Plan Updates After ROW is acquired		
FD5.1	Update Drawing files as SDDOT provides changes related to ROW	\$1,820.00
FD5.2	Final Changes to City Portion for ROW	\$2,540.00
	Subtask FD5 Total	\$4,360.00
SUBTASK-FD6 Geotechnical Investigation, Landscape Architecture, and Water Main Corrosion Protection Design		
FD6.1	Geotechnical Investigation for Lance St. & June Court	\$1,743.00
FD6.2	Landscape Architecture for Water Quality improvement areas and Frontage Road pavement removal area	\$14,710.00
FD6.3	Water Main Corrosion Protection Design	3,600.00
	Subtask FD6 Total	\$20,053.00
TASK 2 FINAL DESIGN SERVICES SUMMARY		
	Subtotal of above Task 2 Final Design Services	\$198,478.00
	Expendables and Mileage	\$1,500.00
	TOTAL TASK 2 FINAL DESIGN SERVICES	\$199,978.00

EXHIBIT C

TASK 3 – BIDDING PERIOD SERVICES (BP)		
BP1.1	Civil Plans and Specification Interpretation	\$2,110.00
BP1.2	Civil Prepare and Issue Addenda	\$2,150.00
BP1.3	Landscape Architect Bidding Period Services	\$1,360.00
BP1.4	Corrosion Protection Consultant Bidding Period Services	\$300.00
BP1.5	Expendables and Mileage	\$100.00
	TOTAL TASK 3 BIDDING PERIOD SERVICES	\$6,020.00

OVERALL SUMMARY - TASK 2 FINAL DESIGN AND TASK 3 BIDDING PERIOD

Task 2	Final Design Services	\$199,978.00
Task 3	Bidding Period Services	\$6,020.00
	TOTAL OF TASK 2 AND TASK 3 SERVICES	\$205,998.00