

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

Date: 12/9/09

Project Name & Number: Anamosa Street Reconstruction (Haines Avenue to Midway Street) CIP #: 50519
ST07-1472

Project Description: Reconstruction of Anamosa Street including Water, Sewer, Drainage and Street improvements.

Consultant: FMG, Inc

Original Contract Amount: \$89,434.77

Original Contract Date: 5/19/08

Original Completion Date:

Addendum No: 1

Amendment Description: This Amendment is for additional work related to the preparation of a traffic signal wiring diagram, additional storm sewer analysis to determine the amount of eligible STP funds, and work related to reformat plans to meet SDDOT criteria.

Current Contract Amount: \$89,434.77

Current Completion Date: _____

Change Requested: \$8,654.20

New Contract Amount: \$98,088.97

New Completion Date: _____

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$8,654.20	8913-STP	4223	505	SDDOT Urban Funds
\$8,654.20	Total			

Agreement Review & Approvals

Robert Rebeck 12/9/09
 Project Manager Date

[Signature] 12/9/09
 Compliance Specialist Date

[Signature] 12/9/09
 City Attorney Date

[Signature] 12-9-09
 Division Manager Date

[Signature] 12-9-09
 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: 12/9/09 Initials: [Signature] Approved: Y N
 Appropriation: Y N
 Cash Flow: Y N

Amendment No. 1 to Agreement for Professional Services

**Anamosa Street Reconstruction –Phase 2
Haines Avenue to Near Midway Street
Grading, Surfacing, Curb and Gutter, Drainage
Lighting, Signals and Traffic study
Project No. P1648 (00) PCN H021**

This shall serve as Amendment No. 1 to the Agreement for Professional Services for the referenced project. The amendment is for additional Engineering Services for the following items:

1. During project final design, the SD Department of Transportation changed the funding formulas for Urban Systems projects resulting in (1) the need to change project drawings from the City plan format to SDDOT plan format, (2) change project details from City Standard Details to SDDOT Standard Details (3) the procedures for ROW acquisition were changed to follow Federal Highway Guidelines and (4) SDDOT requires a wiring diagram for the signals at Haines and Anamosa be prepared as a part of the plans whereas wiring diagrams are not included with City plans.
2. During design of the project, several storm sewer scenarios analyses were completed because SDDOT designs for different storm events than required by the City's criteria manual. These various scenarios were developed and analyzed to determine the cost sharing formula for the storm sewer improvements.

Terms and conditions of the Contract dated May 19, 2008 shall remain the same.

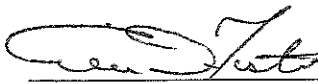
Fees for the additional services are \$8,654.20 as shown on the Attachment 1 dated November 17, 2009 attached hereto. The revised Final contract amount will be \$98,088.97 as tabulated below.

Original Contract Amount =	\$89,434.77
Contract Amendment #1 =	\$8,654.20
Revised Final Contract Amount =	\$98,088.97

**CLIENT
CITY OF RAPID CITY**

**CONSULTANT
FMG, INC.**


Project Manager Date: 12/9/09


Allen D. Foster P.E. Date: 11/20/09

Date: _____
Mayor

ATTEST:

Date: _____

AMENDMENT NO. 1
 ANAMOSA STREET - FINAL DESIGN, PHASE 2
 ANAMOSA STREET - HAINES AVENUE TO NEAR MIDWAY ST.
 Project No. P1648(00), PCN H021
 Utility No. SSW07-1472, CIP 50519
 ESTIMATED MAN-HOURS AND FEES
 PREPARED BY FMG, INC.
 November 17, 2009

Roadway Design, Grading, Curb and Gutter, Surfacing,
 Drainage, Lighting, Signals

DESIGN AND PLAN PREPARATION	PR/PE	DE/PE	CADD/ET	RLS	SC	PR/SMS	ST	LM	CL
Additional Work Items									
Convert Plans to SDDOT Section Method of Plans		8	16						
Change all Plan details to SDDOT Details		2	4						
Storm Sewer Analysis for DOT/City Cost Sharing	2	34	6						
ROW Changes/Negotiations	1	24							
Sub-Total Additional Services/Design	3	68	26	0	0	0	0	0	0

ESTIMATED ENGINEERING FEES-Proposed Amendment No. 1

	HOURS	RATE	TOTAL
PR/PE - PRINCIPAL/PROFESSIONAL ENGINEER	3	\$90.13/HR	\$ 270.39
DE/PE DESIGN ENGINEER/PROFESSIONAL ENGINEER	68	\$79.57/HR	\$ 5,410.76
CADD/ET - COMPUTER OPERATOR/ENGINEERING TECHNICIAN	26	\$52.81/HR	\$ 1,373.06
RLS-REGISTERED LAND SURVEYOR	0	\$60.55/HR	\$ -
SC-2-MAN SURVEY CREW	0	\$82.38/HR	\$ -
PR/SMS - PRINCIPAL/SENIOR MATERIALS SPECIALIST	0	\$90.13/HR	\$ -
CL - CLERICAL	0	\$55.63/HR	\$ -
Sub Consultant-Electrical Engineer-See Attached			\$ 1,599.99
TOTAL ESTIMATED ENGINEERING FEES			\$ 8,654.20

**West Plains Engineering
Estimate of Manhours
for
Anamosa Street/Haines Traffic Signal Wiring Diagrams**

**Rapid City, SD
10/1/2009
Revised 11/16/2009**

	Principal Manhours	Senior Engineer Manhours	Design Engineer Manhours	Drafting Manhours	Clerical Manhours
Phase 2 Project Modifications (Traffic Signal Wiring Diagrams)					
Site Review of Existing Conditions	0	0	0	0	0
Existing Plan Retrieval - plan organization	0	0	0	0	0
Report/Description of Scope	0	0	0	0	0
Utility Company Coordination	0	0	0	0	0
Design and Layout, Lighting	0	0	0	0	0
Design and Layout, Signalization	0	0	0	16	8
Phasing Plans	0	0	0	0	0
Demo plans	0	0	0	0	0
Drafting/CADD (miscellaneous)	0	0	0	0	0
Specification Writing	0	0	0	0	0
Cost Estimating	0	0	0	0	0
In House Q.C.	1	0	0	0	0
Citizen Review Meetings	0	0	0	0	0
Preliminary Review Meetings and Revisions	0	0	0	0	0
95% Review Meeting and Revisions	0	0	0	0	0
100% Review Meeting and Revisions	0	0	0	0	0
Prebid Meeting	0	0	0	0	0
Preconstruction Meeting	0	0	0	0	0
Shop Drawing Review	0	0	0	0	0
Construction Period In-house Questions	0	0	0	0	0
Site Visits during Construction	0	0	0	0	0

Total Manhours	1	0	0	16	8	0
-----------------------	----------	----------	----------	-----------	----------	----------

Total Manhours - 25

Direct Labor Rate/hour	\$60.57	\$0.00	\$34.04	\$24.21	\$14.59	\$14.88
Subtotal Direct Labor Cost	\$60.57	\$0.00	\$0.00	\$387.36	\$116.72	\$0.00
Overhead - 153%	\$92.67	\$0.00	\$0.00	\$592.66	\$178.58	\$0.00
Subtotal	\$153.24	\$0.00	\$0.00	\$980.02	\$295.30	\$0.00
Profit (Fixed Fee)- 12%	\$18.39	\$0.00	\$0.00	\$117.60	\$35.44	\$0.00
Additional Costs - Mileage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Additional Costs - Meals and Lodging	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Subtotal	\$171.63	\$0.00	\$0.00	\$1,097.62	\$330.74	\$0.00

Total for Traffic Signal Wiring Diagrams \$1,599.99

Amendment No. 1 to Agreement for Professional Services

**Anamosa Street Reconstruction –Phase 2
Haines Avenue to Near Midway Street
Grading, Surfacing, Curb and Gutter, Drainage
Lighting, Signals and Traffic study
Project No. P1648 (00) PCN H021**

This shall serve as Amendment No. 1 to the Agreement for Professional Services for the referenced project. The amendment is for additional Engineering Services for the following items:

1. During project final design, the SD Department of Transportation changed the funding formulas for Urban Systems projects resulting in (1) the need to change project drawings from the City plan format to SDDOT plan format, (2) change project details from City Standard Details to SDDOT Standard Details (3) the procedures for ROW acquisition were changed to follow Federal Highway Guidelines and (4) SDDOT requires a wiring diagram for the signals at Haines and Anamosa be prepared as a part of the plans whereas wiring diagrams are not included with City plans.
2. During design of the project, several storm sewer scenarios analyses were completed because SDDOT designs for different storm events than required by the City's criteria manual. These various scenarios were developed and analyzed to determine the cost sharing formula for the storm sewer improvements.

Terms and conditions of the Contract dated May 19, 2008 shall remain the same.

Fees for the additional services are \$8,654.20 as shown on the Attachment 1 dated November 17, 2009 attached hereto. The revised Final contract amount will be \$98,088.97 as tabulated below.

Original Contract Amount =	\$89,434.77
Contract Amendment #1 =	<u>\$8,654.20</u>
Revised Final Contract Amount =	\$98,088.97

CLIENT
CITY OF RAPID CITY

CONSULTANT
FMG, INC.


Project Manager Date: 12/9/09


Allen D. Foster P.E. Date: 11/20/09

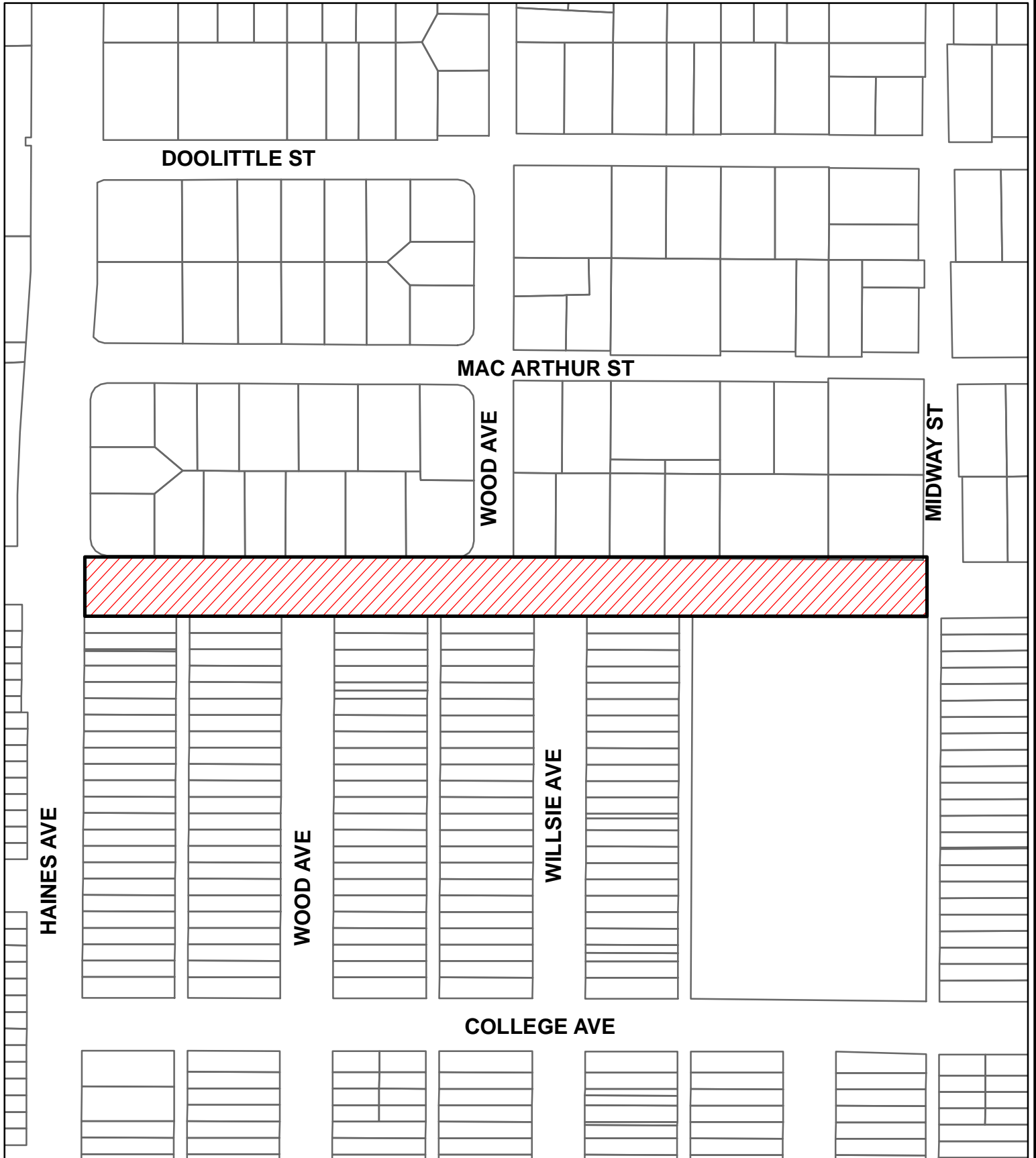
Mayor Date: _____

ATTEST:

Date: _____

EXHIBIT "A"

PW121509-13



ANAMOSA ST. RECONSTRUCTION PHASE 2

PROJECT NO. SSW07-1472

CIP # 50519

Item #13