

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

Date: 2/2/04

Project Name & Number: Lemmon Avenue Reconstruction, College Avenue to Monroe Street
Project #ST02-1068

CIP #: 50120

Project Description: Install new storm sewer culvert, water main and sewer main, reconstruct street.

Consultant: FMG, Inc.

Original Contract Amount: \$83,330.00

Original Completion Date: 2/24/2003

Amendment Number: 2

Amendment Description: Prepare final plans documents to split the project into three separate construction projects. First phase has been completed. This work is to complete the final two phases.

Current Contract Amount:	\$86,492.00	Current Completion Date:	February 24, 2003
Change Requested:	\$10,050.00		
New Contract Amount:	\$96,542.00	New Completion Date:	November 1, 2004

Funding Source This Request:

Amount	Dept.	Line Item	Comments
\$6,000.00	910	4223	Prepare final construction plans documents for two final
\$2,000.00	910	4223	construction phases. This work is necessary due to the cost and volume
\$1,050.00	833	4223	the work proposed. It was felt better to split the project into
\$1,000.00	933	4223	multiple phases, requireing extra design plans preparation.
\$10,050.00	Total		

Agreement Review & Approvals

Joe Jagodzinski, PE Project Manager	Date	_____ Division Manager	Date
_____ 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	
Appropriation		Y	N
Cash Flow		Y	N



FMG, INC. 3700 Sturgis Road, Rapid City, South Dakota 57702-0317 605/342-4105
FAX 605/342-4222

August 18, 2004

Joe Jagodzinski, P.E.
Engineering Division
City of Rapid City
300 6TH Street
Rapid City, SD 57701



**RE: LEMMON AVENUE RECONSTRUCTION
ADAMS STREET TO MONROE STREET
Project #ST02-1068**

Dear Joe:

Transmitted herewith are two (2) copies of proposed Professional Services Agreement Amendment No.2-Engineering Services for the referenced project.

As you know, because of budget limitations, the project has been split into three separate construction phases. We will now have to prepare three (3) sets of plans and bidding documents rather than one, and request an increase in fees to cover the additional time. Estimated man-hours and fees are shown on Attachment A of the proposed Amendment No. 2.

Further, during design of first phase of the project, it was determined that corrosion control was needed for the water main fittings per the new standard specifications. Corrosion control was not included in our original scope of work and contract. We retained Rustnot Corrosion Control Services, Inc. to provide the details and specifications for the corrosion control. Their fee of \$900.00 is included in this proposed Amendment No. 2.

Thank you for your consideration in this matter. If you have any questions or need additional information, please contact me.

Sincerely,

FMG, Inc.

Allen D. Foster, P.E.
Enclosures
c: File 8660

Professional Services Agreement Amendment No. 2-Engineering Services
LEMMON AVENUE RECONSTRUCTION
COLLEGE AVENUE TO MONROE STREET
RAPID CITY, SD
PROJECT #ST02-1068

This shall serve as Professional Services Agreement Amendment No.2 to the referenced project. The amendment is for additional Engineering Services for the following items:

1. The City of Rapid City has requested that the project be split into three (3) separate phases for construction because of budget limitations. The additional work proposed and included in this Amendment is to prepare three (3) separate sets of construction plans and bidding documents rather than one set. Work tasks and estimated man-hours for each task are shown on Attachment A dated August 17, 2004.
2. During design of the project, it was determined that corrosion protection is required for the water main fittings. FMG, Inc. subcontracted with Rustnot Corporation to provide specifications and details for the corrosion protection.


Terms and conditions of the Contract dated June 5, 2002 shall remain the same.

Fees for the additional services are \$10,050.00 as shown on the Attachment A dated August 17, 2004 attached hereto. The revised Final contract amount will be \$96,542.00 as tabulated below.

Original Contract Amount =	\$83,330.00
Contract Amendment #1 =	\$3,162.00
<u>Contract Amendment #2</u>	<u>\$10,050.00</u>
Revised Final Contract Amount =	\$96,542.00

CLIENT
CITY OF RAPID CITY

CONSULTANT
FMG, INC.



Project Manager

Date: 8/20/04



Allen D. Foster P.E.

Date: 8/17/04

Mayor Date: _____

ATTEST:

Date: _____

FMG, INC.
LEMMON AVENUE RECONSTRUCTION
COLLEGE AVENUE TO MONROE STREET
PROJECT # ST02-1068

ESTIMATED MAN-HOURS AND FEES--ADDITIONAL SERVICES (Project is now separated into 3 Phases)

August 17, 2004

	PR/PE	DE/PE	CADD/ET	RLS	SC
DESIGN AND PLAN PREPARATION					
95% Design & Plan Preparation					
Property Control Sheet One for Each Phase)		2	4		
Plans Title Sheet (One for Each Phase)			2		
Detail Sheets (9 Sheets for Each Phase)		1	4		
Horizontal/Vertical Control Data (Include data for Each Phase)		1	2		
Construction Sequencing (Transition Design & Notes for Each Phase)	2	4	4		
Conceptual Traffic Control/Detours (One for Each Phase)	2		4		
General Plan Notes/Specifications (One Set for Each Phase)	2	4	4		
Bid Form and Detailed Specifications (One for Each Phase)	2	6			
Additional Reviews/Coordination	2	2			
Sub-Total/95% Design	10	20	24	0	0

100% Design & Plan Preparation					
Final Revisions and Plotting (Two Phases)	6	12	16		
Sub-Total/100% Design	6	12	16	0	0

BIDDING PHASE

Prebid Meeting (One for Each Phase)	3				
Plans & Specifications Interpretation	4				
Prepare & Issue Addenda	2	4	4		
Sub-Total/Bidding Phase	9	4	4	0	0

CONSTRUCTION PHASE

Preconstruction Meeting (One for Each Phase)	3				
Review shop drawings, Mix Designs & Materials (Two Phases)	6	6			
Consultation for Change/Field Orders	4	8			
Additional Services to be Negotiated					
Sub-Total/Bidding Phase	13	14	0	0	0

ESTIMATED ENGINEERING FEES

	HOURS	RATE	TOTAL
PE - PRINCIPAL/PROFESSIONAL ENGINEER	38	\$90.00/HR	\$ 3,420.00
DE/PE - DESIGN ENGINEER/PROFESSIONAL ENGINEER	50	\$70.00/HR	\$ 3,500.00
CADD/ET - COMPUTER OPERATOR/ENGINEERING TECHNICIAN	44	\$45.00/HR	\$ 1,980.00
RLS-REGISTERED LAND SURVEYOR	0	\$65.00/HR	\$ -
SC-2-MAN SURVEY CREW	0	\$85.00/HR	\$ -
Sub Consultant-Rustnot for Water Main Corrosion Details and Specs			\$ 900.00
Printing, Supplies, Mileage, Miscellaneous			\$ 250.00
TOTAL ESTIMATED ENGINEERING FEES			\$10,050.00

SUMMARY	
Additional Design	\$6,630.00
Additional Bidding Phase	\$1,270.00
Additional Construction Phase	\$2,150.00
Total Additional Services	\$10,050.00