

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

Date: July 24, 2007

Project Name & Number: Knollwood Elements 2 & 20 Project No. DR04-1390

CIP #: 50312

Project Description: Analysis and design of drainage elements 2 and 20 in the Knollwood drainage basin.

Consultant: FMG, INC.

Original
Contract Amount: \$169,910.00

Original
Contract Date: 5/21/07

Original
Completion Date: 11/19/07

Amendment Number: 1

Amendment Description: 35% design and preliminary cost estimate for Knollwood elements 3 & 5. This will expedite the process to construct the necessary improvements in this area to alleviate the localized flooding at the Buy-Rite property on Cambell Street.

Current Contract Amount:	\$169,910.00	Current Completion Date:	November 19, 2007
Change Requested:	\$64,890.00		
New Contract Amount:	\$234,800.00	New Completion Date:	December 21, 2007

Funding Source This Request:

Amount	Dept.	Line Item	Comments
\$169,910.00	8911	4371	
\$64,890.00	8911	4371	Amendment #1
\$234,800.00	Total		

Agreement Review & Approvals

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

Professional Services Agreement Amendment #1

Knollwood Drainage Outfall Elements 2 & 20

Project No. 50312-DR04-1390

This shall serve as Professional Services Agreement Amendment #1 to the referenced project. This amendment is for survey and 35% engineering design of Knollwood DBDP Elements 3 and 5. The study area begins about 300 feet downstream of Cambell Street and ends just east of the intersection of Spruce Street and East Denver Street where the storm sewers discharge into the open channel. The services include the full length of Element 5 as illustrated in the Knollwood Drainage Basin Design Plan.

Element 4 is noted in the DBDP as being adequate for flow conveyance. We have however included Element 4 for survey, analysis and preliminary design since it will be impacted by the Element 3 inlet and the Element 5 outlet.

The proposed Additional Services Tasks are as follows:

Task A	Additional Services Environmental & Regulatory Issues/Other Research
A.1	Kickoff Meeting
A.2	Wetlands Identification and Nonjurisdictional Request/Nationwide Permit
A.3	Environmental Record Search
A.4	Land Ownership
A.5	Obtain/Review City Reports, As Builts

Task B	Additional Services Survey
B.1	Survey Research and Computations
B.2	Property Corner Search
B.3	Horizontal and Vertical Control Survey
B.4	Utility Locates and Initial Coordination
B.5	Detailed Topographic Survey Areas
B.7	Drafting of Survey
B.8	Field Check

Task C	Additional Services Hydrology/Hydraulics
C.1	Calculate "Mini Basin" Discharges at Cambell and Chicago Streets
C.2	Calculate Cambell Street Mainline Storm Sewer Capacity at Sag Point

Task D	Additional Services 35% Preliminary Design
D.1	Design Calculations and improvement Analysis
D.2	Title Sheet
D.3	Property Control Drawings
D.4	Plan and Profile Sheets
D.5	Cross Section Sheets
D.5	Structures - Drops/ Dissipaters /Box Culvert Inlets & Outlets
D.7	Water Quality Improvements
D.8	Utility Upgrades Required By Project
D.9	Private Utility Coordination
D.10	Reviews/Coordination with Future Upstream Improvements
D.11	Preliminary Cost Estimate
D.12	Preliminary Design Report
D.13	Meetings/Oversight/Reviews
D.14	Design Exception Requests
D.15	35% Revisions After City and Landowner Meetings/Reviews

Engineering Services for the Geotechnical Investigation, 95% Design, 100% Design, Bidding Phase, and Construction Phase services for Elements 3 and 5 will be negotiated at a later date.

Fees for the additional services are as follows:

TASK A ADDITIONAL SERVICES	\$3,220.00
TASK B ADDITIONAL SERVICES	\$18,940.00
TASK C ADDITIONAL SERVICES	\$1,320.00
<u>TASK D ADDITIONAL SERVICES</u>	<u>\$40,410.00</u>
TOTAL ADDITIONAL SERVICES	\$64,890.00

The revised total contract amount is as follows:

Original Contract Amount	\$169,910.00
<u>Amendment #1</u>	<u>\$64,890.00</u>
AMENDED TOTAL CONTRACT AMOUNT	\$234,800.00

Completion dates for the contract are changed as follows;


Conceptual Design Submittal	August 27, 2007
Preliminary Design Submittal	November 23, 2007
100% Plans and Specifications	December 21, 2007

Terms and conditions of the Contract dated May 21, 2007 remain the same.

CLIENT:
CITY OF RAPID CITY

CONSULTANT:
FMG, INC.

Project Manager
Date: _____


Jerry D. Foster P.E.
Date: JULY 24, 2007

Mayor
Date: _____

ATTEST:

Date: _____