

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

Date:

Project Name & Number: Dahl Fine Arts Expansion IDP04-1367

CIP #:

Project Description: Material Testing for Dahl Fine Arts Expansion (soils, concrete, asphalt, welds, bolt connections)

Consultant: FMG, Inc.

Original Contract Amount: \$28,325.15

Original Contract Date: 5-7-2007

Original Completion Date:

Amendment Number: 1


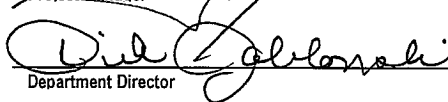
Amendment Description: Additional testing based on contract unit costs

Current Contract Amount:	\$28,325.15	Current Completion Date:	
Change Requested:	\$4,365.00		
New Contract Amount:	\$32,690.15	New Completion Date:	

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$28,325.15	132	4223	105	Vision 2012
\$4,365.00	132	4223	105	Vision 2012
\$32,690.15	Total			

Agreement Review & Approvals

 Project Manager	1-7-08 Date	_____ Division Manager	_____ Date
 Department Director	1/7/08 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

JAN 04 2008

RAPID CITY
PUBLIC WORKS

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

FAX 605/342-4222

January 4, 2008

City of Rapid City, Public Works Dept.
Attn: Mr. Rod Johnson
300 Sixth Street
Rapid City, SD 57701

Re: REVISED Construction Testing Services Proposal
Dahl Arts Center Remodel and Addition
Rapid City, South Dakota

Dear Rod:

As I indicated in my email dated January 2, 2008, the testing services for the Dahl Addition through the end of 2007 are at \$27,581.70. Our original contract amount is for \$28,325.00, so we have \$743.30 remaining on our contract. In order to complete the testing services for the referenced project the testing cost will exceed our original contract amount. Several factors contributed to the actual testing cost differing from our original testing services proposal. The number of days to complete the drilled piers exceeded our original estimate. At the time of the bid, our time estimate was based on a local caisson driller's estimated number of days to complete the drilled piers. The actual placement of the drilled piers was performed by another caisson driller. The increase in the number of days to complete the drilled piers increased our time to observe the placement of the drilled piers and the number of sets of concrete test cylinders that were cast. The contractor also encountered old rubble while excavating for the basement portion of the Dahl addition. The rubble required additional time for meetings and to observe and document its extent.

We feel that the \$743.30 remaining on our existing testing contract will be adequate to complete the remaining soil compaction testing (foundation wall backfill, basement floor slab engineered fill, etc.). As requested, we have prepared a revised cost estimate to complete the remaining testing for this project. The revised testing proposal shows a total estimated testing cost of \$32,690.00 which is \$4,365.00 above our original contract amount. **The additional \$4,365.00 we are requesting will be for the following remaining testing items:**

- **Concrete testing (basement foundation walls, addition floor slabs & site work concrete).**
- **Asphalt pavement density testing.**
- **Observation of structural steel welds and bolted connections.**
- **Observation of roof deck welds and side lap fasteners.**


Enclosed, please find our revised construction testing services proposal. Please consider this revised construction testing services proposal an addendum to our original contract dated April 4, 2007.

Mr. Rod Johnson	January 4, 2008
Re: Revised Construction Testing Services Proposal	
Dahl Fine Arts Center Remodel and Addition -- Rapid City, SD	Page 2

We trust this information is helpful. Should you have any questions or need anything additional, please contact us at your earliest convenience. *Thank you for the opportunity to provide our services.*

Sincerely,

FMG, Inc.



James J. Trudeau

Enclosure

C: File #8762.03
c:\word\proposal\DahlArtsCenterAdditionRevised.pro

CLIENT:
City of Rapid City

By: _____

Title: Mayor

Date: _____

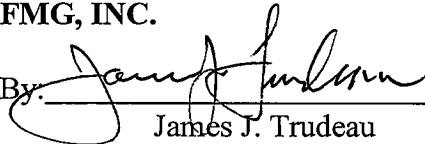
ATTEST:

By: _____

Title: _____

Date: _____

CONSULTANT:
FMG, INC.

By:  _____
James J. Trudeau

Title: Treasurer

Date: January 4, 2008
January 4, 2008

REVISED TESTING COST ESTIMATE

PROJECT INFORMATION		CLIENT INFORMATION			
PROJECT NAME:		NAME: Mr. Rod Johnson			
PROJECT LOCATION:		COMPANY: City of Rapid City			
		ADDRESS: Rapid City, SD			
Task/Item/Materials	Quantity	Units	Rate	per Unit	Revised Testing Cost Estimate
FIELD TESTING SERVICES					
SOIL DENSITY TESTING					
Field Technician	60	hours	@ \$45.00	per hour	\$2,700.00
Vehicle	300	miles	@ \$0.65	per mile	\$195.00
Field Technician-REVISED	85	hours	@ \$45.00	per hour	\$3,825.00
Vehicle-REVISED	400	miles	@ \$0.65	per mile	\$260.00
Sub-Total					\$2,895.00
CONCRETE TESTING					
Field Technician	68	hours	@ \$45.00	per hour	\$3,060.00
Vehicle	270	miles	@ \$0.65	per mile	\$175.50
Field Technician-REVISED	116	hours	@ \$45.00	per hour	\$5,220.00
Vehicle-REVISED	450	miles	@ \$0.65	per mile	\$292.50
Sub-Total					\$5,512.50
HOT-MIX ASPHALT TESTING					
Field Technician	5	hours	@ \$45.00	per hour	\$225.00
Vehicle	20	miles	@ \$0.65	per mile	\$13.00
Sub-Total					\$238.00
DRILLED PIER OBSERVATION					
Senior Field Technician	111	hours	@ \$65.00	per hour	\$7,215.00
Vehicle	111	miles	@ \$0.65	per mile	\$72.15
Senior Field Technician-REVISED	175.2	hours	@ \$65.00	per hour	\$11,388.00
Vehicle-REVISED	290	miles	@ \$0.65	per mile	\$188.50
Sub-Total					\$11,576.50
MASONRY PRISM TESTING					
Field Technician	10	hours	@ \$45.00	per hour	\$450.00
Vehicle	50	miles	@ \$0.65	per mile	\$32.50
Sub-Total					\$482.50
MASONRY CONST. INSPECTION					
Albertson Engineering Personnel	54	hours	@ \$100.00	per hour	\$5,400.00
Sub-Total					\$5,400.00
STEEL WELDS & BOLT OBSERVATION					
Senior Weld Inspector	10	hours	@ \$70.00	per hour	\$700.00
Vehicle	20	miles	@ \$0.65	per mile	\$13.00
Sub-Total					\$713.00

REVISED TESTING COST ESTIMATE (CONT.)

PROJECT INFORMATION		CLIENT INFORMATION				
PROJECT NAME: Dahl Arts Center Remodel/Addition Rapid City, SD		NAME: Mr. Rod Johnson				
PROJECT LOCATION: Rapid City, SD		COMPANY: City of Rapid City				
		ADDRESS: Rapid City, SD				
Task/Item/Materials	Quantity	Units	Rate	per Unit	Original Testing Proposal	Revised Testing Cost Estimate
FIELD TESTING SERVICES (CONT.)						
ROOF DECK WELDS & FASTENERS OBS.						
Senior Materials Specialist	6	hours	@	\$90.00	\$540.00	\$540.00
Vehicle	20	miles	@	\$0.65	\$13.00	\$13.00
Sub-Total					\$540.00	\$540.00
Field Testing Sub-Total					\$20,791.15	\$22,665.00

LABORATORY TESTING						
Atterberg Limits	0	tests	@	\$50.00	\$0.00	\$0.00
Atterberg Limits-REVISED	4	tests	@	\$50.00	\$0.00	\$200.00
Hydrometer Grain Size Analysis (incl. sieve)	1	tests	@	\$90.00	\$90.00	\$0.00
Hydrometer Grain Size Analysis-REVISED	0	tests	@	\$90.00	\$0.00	\$0.00
Standard Sieve Analysis	1	tests	@	\$50.00	\$50.00	\$0.00
Standard Sieve Analysis-REVISED	4	tests	@	\$50.00	\$0.00	\$200.00
Moisture-Density Curve	4	tests	@	\$120.00	\$480.00	\$0.00
Moisture-Density Curve-REVISED	4	tests	@	\$120.00	\$0.00	\$480.00
Concrete Test Cylinder Compression Test	84	tests	@	\$18.00	\$1,512.00	\$0.00
Concrete Test Cylinder Compression-REVISED	120	tests	@	\$18.00	\$0.00	\$2,160.00
Plastic Cylinder Mold	112	molds	@	\$2.00	\$224.00	\$0.00
Plastic Cylinder Mold-REVISED	160	molds	@	\$2.00	\$0.00	\$320.00
Mortar Cube Compressive Strength	0	tests	@	\$50.00	\$0.00	\$0.00
Mortar Cube Compressive Strength-REVISED	0	tests	@	\$50.00	\$0.00	\$0.00
Grout Prism Compressive Strength	0	tests	@	\$60.00	\$0.00	\$0.00
Grout Prism Compressive Strength-REVISED	2	tests	@	\$60.00	\$0.00	\$120.00
Masonry Prism Compressive Strength	6	tests	@	\$100.00	\$600.00	\$0.00
Masonry Prism Compressive Strength-REV.	0	tests	@	\$100.00	\$0.00	\$0.00
Masonry Block Compressive Strength	0	tests	@	\$200.00	\$0.00	\$0.00
Masonry Block Compressive Strength-REV.	0	tests	@	\$200.00	\$0.00	\$0.00
Swell Potential (engineered fill)	1	test	@	\$120.00	\$120.00	\$0.00
Lab Testing Sub-Total					\$2,956.00	\$3,600.00

