

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

Date: April 6, 2015

Project Name & Number: Ellsworth Air Force Base Water Meter Facility Relocation;
Project No. W11-1936

CIP #: 50830

Project Description: Construction Administration Services for relocation of the Ellsworth Air Force Base water metering facility.

Consultant: FMG, Inc.

Original Contract Amount: \$42,200.00

Original Contract Date: April 6, 2015

Original Completion Date: Dec. 31, 2015

Addendum No:

Amendment Description:

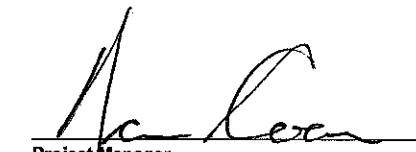
Current Contract Amount: _____
Change Requested: _____
New Contract Amount: _____ \$0.00

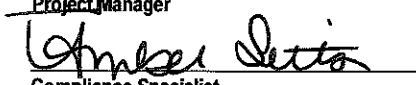
Current Completion Date: _____
New Completion Date: _____


Funding Source This Request:

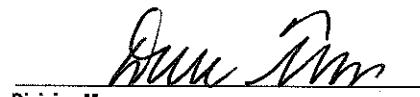
Amount	Dept.	Line Item	Fund	Comments
\$42,200.00	933	4223	602	
Total				


Agreement Review & Approvals

 3/19/15
Project Manager Date

 3/20/15
Compliance Specialist Date

 _____
City Attorney Date

 3-20-15
Division Manager Date

 3/23/15
Department Director Date

ROUTING INSTRUCTIONS

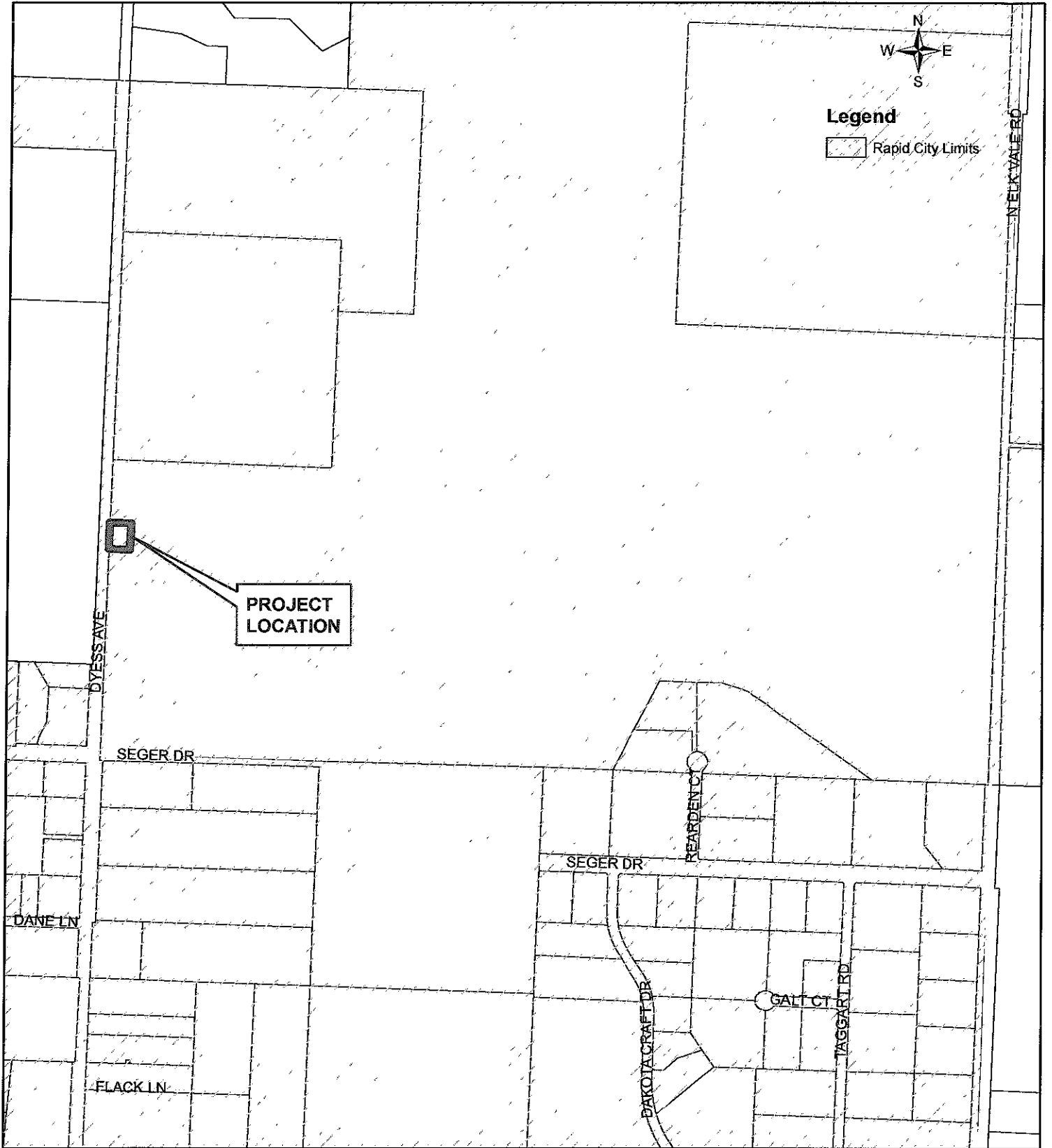
Route **two** originals of the **Agreement** for review and signatures.
Finance Office - Retain one original
Project Manager - Retain second original for delivery to Consultant
cc: Public Works
Engineering
Project Manager

FINANCE OFFICE USE ONLY

(Note to Finance: Please write date of Agreement in appropriate space in the Agreement document)

	Date	Initials	Approved	
Appropriation	3/25/15		<input checked="" type="checkbox"/>	N
Cash Flow			Y	N

EXHIBIT "A"



PROJECT LOCATION
EAFB WATER METER FACILITY RELOCATION
PROJECT NO. W11-1936

**Agreement Between City of Rapid City and FMG, Inc. for Construction
Administration Professional Services for Ellsworth Air Force Base Water Meter
Facility Relocation, Project No. W11-1936/CIP No. 50830**

AGREEMENT made April 6, 2015, between the City of Rapid City, SD (City) and FMG, Inc., (Engineer), located at 3700 Sturgis Road, Rapid City, SD 57702. City intends to obtain construction administration services for Ellsworth Air Force Base Water Meter Facility Relocation, Project No. W11-1936/CIP No. 50830. The scope of services is as described within this document and as further described in Exhibits A, B and C (attached).

The City and the Engineer agree as follows:

The Engineer shall provide professional engineering services for the City in all phases of the Project and as further defined in Exhibits A, B and C (attached), serve as the City's professional engineering representative for the Project, and give professional engineering consultation and advice to the City while performing its services.

Section 1—Basic Services of Engineer

1.1 General

- 1.1.1 The Engineer shall perform professional services described in this agreement, which include customary engineering services. Engineer intends to serve as the City's professional representative for those services as defined in this agreement and to provide advice and consultation to the City as a professional. Any opinions of probable project cost, approvals, and other decisions provided by Engineer for the City are rendered on the basis of experience and qualifications and represent Engineer's professional judgment.
- 1.1.2 All work shall be performed by or under the direct supervision of a professional Engineer licensed to practice in South Dakota.
- 1.1.3 All documents including Drawings and Specifications provided or furnished by Engineer pursuant to this Agreement are instruments of service in respect of the Project and Engineer shall retain an ownership therein. Reuse of any documents pertaining to this project by the City on extensions of this project or on any other project shall be at the City's risk. The City agrees to defend, indemnify, and hold harmless Engineer from all claims, damages, and expenses including attorney's fees arising out of such reuse of the documents by the City or by others acting through the City.



- 1.1.4 The contract will be based on an hourly rate and reimbursable fee schedule with a maximum not-to-exceed amount.

1.2 **Scope of Work**

The Engineer shall:

- 1.2.1 Consult with the City, other agencies, groups, consultants, and/or individuals to clarify and define requirements for the Project and review available data.
- 1.2.2 Perform the tasks described in the Scope of Services. (See Exhibit A.)

Section 2—Information Provided by City

The City will provide any information in its possession for the project at no cost to the Engineer.

Section 3—Notice to Proceed

The City will issue a written notification to the Engineer to proceed with the work. The Engineer shall not start work prior to receipt of the written notice. The Engineer shall not be paid for any work performed prior to receiving the Notice to Proceed.

Section 4—Mutual Covenants

4.1 **General**

- 4.1.1 The Engineer shall not sublet or assign any part of the work under this Agreement without written authority from the City.
- 4.1.2 The City and the Engineer each binds itself and partners, successors, executors, administrators, assigns, and legal representatives to the other party to this agreement and to the partners, successors, executors, administrators, assigns, and legal representatives of such other party, regarding all covenants, agreements, and obligations of this agreement.
- 4.1.3 Nothing in this agreement shall give any rights or benefits to anyone other than the City and the Engineer.
- 4.1.4 This agreement constitutes the entire agreement between the City and the Engineer and supersedes all prior written or oral understandings. This agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.



- 4.1.5 The Engineer shall make such revisions in plans which may already have been completed, approved, and accepted by the City, as are necessary to correct Engineer's errors or omissions in the plans, when requested to do so by the City, without extra compensation therefore.
- 4.1.6 If the City requests that previously satisfactorily completed and accepted plans or parts thereof be revised, the Engineer shall make the revisions requested by the City. This work shall be paid for as extra work.
- 4.1.7 If the City changes the location from the one furnished to the Engineer, or changes the basic design requiring a new survey for the portions so changed, the redesign will be paid for as extra work.
- 4.1.8 The City may at any time by written order make changes within the general scope of this Agreement in the work and services to be performed by the Engineer. Any changes which materially increase or reduce the cost of or the time required for the performance of the Agreement shall be deemed a change in the scope of work for which an adjustment shall be made in the Agreement price or of the time for performance, or both, and the Agreement shall be modified in writing accordingly. Additional work necessary due to the extension of project limits shall be paid for as extra work.
- 4.1.9 Extra work, as authorized by the City, will be paid for separately and be in addition to the consideration of this Section.
- 4.1.10 For those projects involving conceptual or process development services, activities often cannot be fully defined during the initial planning. As the project does progress, facts and conditions uncovered may reveal a change in direction that may alter the scope of services. Engineer will promptly inform the City in writing of such situations so that changes in this agreement can be renegotiated.
- 4.1.11 This Agreement may be terminated (a) by the City with or without cause upon seven days' written notice to the Engineer and (b) by the Engineer for cause upon seven days' written notice to the City. If the City terminates the agreement without cause, the Engineer will be paid for all services rendered and all reimbursable expenses incurred prior to the date of termination.

If termination is due to the failure of the Engineer to fulfill its agreement obligations, the City may take over the work and complete



it. In such case, the Engineer shall be liable to the City for any additional cost to the extent directly resulting from Engineer's action.

- 4.1.12 The City or its duly authorized representatives may examine any books, documents, papers, and records of the Engineer involving transactions related to this agreement for three years after final payment. All examinations will be performed at reasonable times, with proper notice. Engineer's documentation will be in a format consistent with general accounting procedures.
- 4.1.13 The City shall designate a representative authorized to act on the City's behalf with respect to the Project. The City or such authorized representative shall render decisions in a timely manner pertaining to documents submitted by the Engineer in order to avoid unreasonable delay in the orderly and sequential progress of the Engineer's services.
- 4.1.14 Costs and schedule commitments shall be subject to renegotiation for delays caused by the City's failure to provide specified facilities or information or for delays caused by other parties, excluding sub-contractors and sub-consultants, unpredictable occurrences including without limitation, fires, floods, riots, strikes, unavailability of labor or materials, delays or defaults by suppliers of materials or services, process shutdowns, acts of God, or the public enemy, or acts of regulations of any governmental agency or any other conditions or circumstances beyond the control of the City or Engineer. Temporary delays of services caused by any of the above which results in additional costs beyond those outlined may require renegotiation of this agreement.
- 4.1.15 The City will give prompt written notice to the Engineer if the City becomes aware of any fault or defect in the Project or nonconformance with the Project Documents.
- 4.1.16 Unless otherwise provided in this Agreement, the Engineer and the Engineer's consultants shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to hazardous materials in any form at the project site, including but not limited to asbestos products, polychlorinated biphenyl (PCB), or other toxic substances.
- 4.1.17 In the event asbestos or toxic materials are encountered at the jobsite, or should it become known in any way that such materials may be present at the jobsite or any adjacent areas that may affect the performance of Engineer's services, Engineer may, at their option



and without liability for consequential or any other damages, suspend performance of services on the project until the City retains appropriate specialist CONSULTANT(S) or contractor(s) to identify, abate, and/or remove the asbestos or hazardous or toxic materials.

- 4.1.18 This agreement, unless explicitly indicated in writing, shall not be construed as giving Engineer the responsibility or authority to direct or supervise construction means, methods, techniques, sequences, or procedures of construction selected by any contractors or subcontractors or the safety precautions and programs incident to the work of any contractors or subcontractors.
- 4.1.19 Neither the City nor the Engineer, nor its Consultants, shall hold the other liable for any claim based upon, arising out of, or in any way involving the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids, or gases, waste materials, or other irritants, contaminants, or pollutants.
- 4.1.20 Neither the City nor the Engineer, nor its Consultants, shall hold the other liable for any claim based upon, arising out of, or any way involving the specification or recommendation of asbestos, in any form, or any claims based upon use of a product containing asbestos.
- 4.1.21 Engineer hereby represents and warrants that it does not fail or refuse to collect or remit South Dakota or City sales or use tax for transactions which are taxable under the laws of the State of South Dakota.

4.2 City of Rapid City NonDiscrimination Policy Statement

In compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination act of 1975, the Americans with Disabilities Act of 1990, and other nondiscrimination authorities it is the policy of the City of Rapid City, 300 Sixth Street, Rapid City, SD 57701-5035, to provide benefits, services, and employment to all persons without regard to race, color, national origin, sex, disabilities/handicaps, age, or income status. No distinction is made among any persons in eligibility for the reception of benefits and services provided by or through the auspices of the City of Rapid City.

Engineer will permit access to any and all records pertaining to hiring and employment and to other pertinent data and records for the purpose of enabling the Commission, its agencies or representatives, to ascertain compliance with the above provisions.

This section shall be binding on all subcontractors or suppliers.



Section 5—Payments to the Engineer

5.1 Schedule of Pay Rates

The City will pay the Engineer for services rendered or authorized extra work according to the Engineer's hourly and reimbursable rate schedule described in Exhibit C.

5.2 Fee

The maximum amount of the fee for the services as detailed in Section 1.2 shall not exceed \$42,200.00 unless the scope of the project is changed as outlined in Section 4. If expenses exceed the maximum amount, the Engineer shall complete the design as agreed upon here without any additional compensation. Sub task dollar amounts may be reallocated to other tasks as long as the total fee is not exceeded. Prime consultant may not mark up sub-consultant or sub-contractor services.

5.3 Progress Payments

Monthly progress payments shall be processed by the City upon receipt of the claim as computed by the Engineer based on work completed during the month per the hourly rates and allowable reimbursable as established in Section 5.1 and approved by the City.

Net payment to the Engineer shall be due within forty-five (45) days of receipt by the City.

Section 6—Completion of Services

The Engineer shall complete services on or before December 31, 2015 based on an award date of April 6, 2015.

Section 7—Insurance Requirements

7.1 Insurance Required

The Engineer shall secure the insurance specified below. The insurance shall be issued by insurance company(s) acceptable to the City and may be in a policy or policies of insurance, primary or excess. Certificates of all required insurance including any policy endorsements shall be provided to the City prior to or upon the execution of this Agreement.



7.2 Cancellation

The Engineer will provide the City with at least 30 days' written notice of an insurer's intent to cancel or not renew any of the insurance coverage. The Contractor agrees to hold the City harmless from any liability, including additional premium due because of the Contractor's failure to maintain the coverage limits required.

7.3 City Acceptance of Proof

The City's approval or acceptance of certificates of insurance does not constitute City assumption of responsibility for the validity of any insurance policies nor does the City represent that the coverages and limits described in this agreement are adequate to protect the Engineer, its consultants or subcontractors interests, and assumes no liability therefore. The Engineer will hold the City harmless from any liability, including additional premium due, because of the Engineer's failure to maintain the coverage limits required.

7.4 Specific Requirements

- 7.4.1 Workers' compensation insurance with statutory limits required by South Dakota law. Coverage B-Employer's Liability coverage of not less than \$500,000 each accident, \$500,000 disease-policy limit, and \$500,000 disease-each employee.
- 7.4.2 Commercial general liability insurance providing occurrence form contractual, personal injury, bodily injury and property damage liability coverage with limits of not less than \$1,000,000 per occurrence, \$2,000,000 general aggregate, and \$2,000,000 aggregate products and completed operations. If the occurrence form is not available, claims-made coverage shall be maintained for three years after completion of the terms of this agreement. The policy shall name the City and its representatives as an additional insured.
- 7.4.3 Automobile liability insurance covering all owned, nonowned, and hired automobiles, trucks, and trailers. The coverage shall be at least as broad as that found in the standard comprehensive automobile liability policy with limits of not less than \$1,000,000 combined single limit each occurrence. The required limit may include excess liability (umbrella) coverage.
- 7.4.4 Professional liability insurance providing claims-made coverage for claims arising from the negligent acts, errors or omissions of the Engineer or its consultants, of not less than \$1,000,000 each occurrence and not less than \$1,000,000 annual aggregate.



Coverage shall be maintained for at least three years after final completion of the services.

Section 8—Hold Harmless

The Engineer hereby agrees to hold the City harmless from any and all claims or liability including attorneys' fees arising out of the professional services furnished under this Agreement, and for bodily injury or property damage arising out of services furnished under this Agreement, providing that such claims or liability are the result of a negligent act, error or omission of the Engineer and/or its employees/agents arising out of the professional services described in the Agreement.

Section 9—Independent Business

The parties agree that the Engineer operates an independent business and is contracting to do work according to his own methods, without being subject to the control of the City, except as to the product or the result of the work. The relationship between the City and the Engineer shall be that as between an independent contractor and the City and not as an employer-employee relationship. The payment to the Engineer is inclusive of any use, excise, income or any other tax arising out of this agreement.

Section 10-Indemnification

If this project involves construction and Engineer does not provide consulting services during construction including, but not limited to, onsite monitoring, site visits, site observation, shop drawing review and/or design clarifications, City agrees to indemnify and hold harmless Engineer from any liability arising from the construction activities undertaken for this project, except to the extent such liability is caused by Engineer's negligence.

Section 11-Controlling Law and Venue

This Agreement shall be subject to, interpreted and enforced according to the laws of the State of South Dakota, without regard to any conflicts of law provisions. Parties agree to submit to the exclusive venue and jurisdiction of the State of South Dakota, 7th Judicial Circuit, Pennington County.

Section 12-Severability

Any unenforceable provision herein shall be amended to the extent necessary to make it enforceable; if not possible, it shall be deleted and all other provisions shall remain in full force and effect.



Section 13—Funds Appropriation

If funds are not budgeted or appropriated for any fiscal year for services provided by the terms of this agreement, this agreement shall impose no obligation on the City for payment. This agreement is null and void except as to annual payments herein agreed upon for which funds have been budgeted or appropriated, and no right of action or damage shall accrue to the benefit of the Engineer, its successors or assignees, for any further payments. For future phases of this or any project, project components not identified within this contract shall not constitute an obligation by the City until funding for that component has been appropriated.

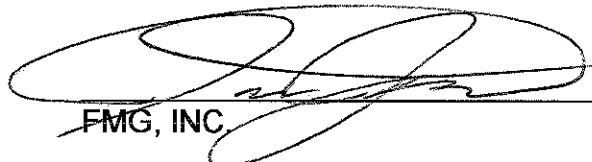
IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

City of Rapid City:

Engineer:

MAYOR

DATE: _____



FMG, INC.

DATE: 3/9/15

ATTEST:

FINANCE OFFICER

Reviewed By:



DAN COON, OPERATION MANAGEMENT ENGINEER

DATE: 3/19/15

CITY'S DESIGNATED PROJECT
REPRESENTATIVE

NAME: Dan Coon
PHONE: (605) 394-4154
EMAIL: dan.coon@rcgov.org

ENGINEERING FIRM'S DESIGNATED
PROJECT REPRESENTATIVE

NAME: Jason Pettyjohn
PHONE: (605) 342-4105
EMAIL: jpettyjohn@fmgengineering.com



**FMG ENGINEERING
SCOPE OF SERVICES
FOR
CONSTRUCTION PHASE SERVICES
EAFB WATER METER FACILITY RELOCATION
Project No. W11-1936 CIP No. 50830**

GENERAL

The City of Rapid City proposes to relocate the Ellsworth Air Force Base (EAFB) water meter facility from its current location at the intersection of Anamosa Street and Maple Avenue to a new location approximately 1,500 feet north of the intersection of Seger Drive and Dyess Avenue. The new water meter facility will be an above grade structure located adjacent to the existing EAFB water main. Professional services included in this contract are for Construction Phase Services

Individual tasks and subtasks to complete the work are shown in Exhibit B - Task Schedule. The list of tasks will not be necessarily limited to those shown. Tasks will be increased in scope, tasks added, or tasks deleted, including cost adjustments in all cases, as needed to complete the project.

FMG will be the Engineer for these services. FMG will utilize sub consultants to review submittals, perform site visits, prepare punch lists, and create record drawings for the Architectural, Structural, Mechanical, and Electrical disciplines as follows; Dave Stafford will provide Architectural services, Hermanson Egge will provide Structural services, and West Plains will provide Mechanical and Electrical services.

CONSTRUCTION PHASE SERVICES:

This task consists of all services necessary for the administration of the Construction Phase Services for the project and will include the following itemized services.

1. Review construction contract documents and other submittals from the contractor and submit to the City of Rapid City project manager for distribution to City Attorney's for approval and signatures of the Mayor and Finance Officer.
2. Arrange and conduct a Pre-Construction Conference including agenda. Record minutes and distribute to all attendees.
3. Respond to Contractor Requests For Information (RFI).
4. Review and take action on shop drawings, product submittals, test results, and other submittals.
5. Prepare "As-Built" plans and specifications based on Contractor's red lines. "As-Built" plans and specifications shall be submitted as a full size hard copy and on CD with electronic

EXHIBIT A

- PDF file and CAD drawings compatible with AutoCAD Release 2010 format. Submit to City within 30 days of project completion.
6. Prepare Project Book for the facility. The book shall contain a copy of all material submittals, test records, project correspondence, project meeting minutes, requests for information, cost proposal requests, field orders, change orders, and other critical supporting project documentation. The Project Book submittal shall be two hard copy binders and two labeled CDs with an electronic PDF file of the complete book. The electronic CD submittal shall also include representative labeled project photographs and field observation reports.
 7. Sub-Consultant Engineer Services. As Engineer, FMG will utilize sub consultants to review submittals, perform site visits, prepare punch lists, and create record drawings applicable to the Architectural, Structural, Mechanical, and Electrical disciplines.
 - 7.1 Architectural Construction Services – Dave Stafford
 - 7.2 Structural Construction Services – Hermanson Egge
 - 7.3 Mechanical and Electrical Construction Services - West Plains
 8. Mark removal limits of appropriate items.
 9. Coordinate water service interruptions for affected properties or entities.
 10. Arrange and conduct appropriate progress meetings. Record and distribute minutes to all attendees.
 11. Provide on-site observation to assure that the methods and materials used by the Contractor meet the intent of the plans and specifications. For buried installations such as water mains and the EAFB water main connection the Engineer shall be on site all of the time the Contractor is installing these buried installations unless otherwise directed by the City.
 12. Prepare reports. A record of activity with photographs will be maintained by the Engineer including weather conditions, construction progress, deviations from the plans and specifications, work performed, quantities installed and any other pertinent information. Such information shall be neatly and concisely compiled into an electronic PDF daily report. Submit copies to City on a weekly basis.
 13. Perform storm water inspections and prepare reports, and verify that the Contractor is keeping the erosion and sediment control plans current.
 14. Provide compaction testing according to the Project Specifications. All test results shall be submitted to the City within 30 days of project completion as part of the Project Book. Test reports will also be submitted on a weekly basis with the daily reports. Failing tests will be delivered immediately.
 15. Provide assurance testing (or witness Contractor testing) according to the Project Specifications. All test results shall be submitted to the City within 30 days of project completion as part of the Project Book. Test reports will also be submitted on a weekly basis with the daily reports. Failing tests will be delivered immediately.
 16. Prepare and submit to City reports for quantities installed and/or stored materials for use in monthly pay request information. Review Contractor Payment Applications for accuracy and completeness and make recommendation to City on payment.
 17. Prepare Cost Proposal Requests (CPR) and make recommendations for their approval or denial.

EXHIBIT A

18. Prepare and submit project completion punch list items to the Contractor and City and oversee its completion.
19. Prepare and submit City project "Construction Project Close-out Checklist" indicating compliance with Project Specifications and acceptance of the various infrastructure components. The Engineer is responsible for coordinating completion of the checklist items with the Contractor.
20. Prepare letter of certification of project completion verifying compliance with plans and specifications and start of warranty period.
21. Prepare a letter to SDDENR notifying them of project completion.

EXHIBIT B TASK SCHEDULE
EAFB WATER METER FACILITY RELOCATION
PROJECT NO. W11-1936 / CIP NO. 50830
CONSTRUCTION PHASE SERVICES
 March 2, 2015

CONSTRUCTION PHASE SERVICES		
1	Review Contract Documents for Submittal to Mayor and Finance	\$115.00
2	Preconstruction Conference Tasks	\$362.50
3	Respond to Contractor RFIs	\$670.00
4	Review Shop Drawings, Mix Designs, Materials & Other Submittals	\$800.00
5	Prepare "As-Built" Drawings	\$1,135.00
6	Prepare Project Book	\$1,170.00
7	Sub-Consultant Engineer Services	
7.1	<i>Architectural Construction Services (Dave Stafford)</i>	\$2,280.00
7.2	<i>Structural Construction Services (Hermanson Egge)</i>	\$3,400.00
7.3	<i>Mechanical & Electrical Construction Services (West Plains)</i>	\$4,500.00
8	Mark Removal Limits	\$105.00
9	Coordinate Water Service Interruptions	\$230.00
10	Progress Meetings and Minutes	\$4,650.00
11	Construction Observation	\$11,825.00
12	Prepare Daily Reports	\$1,310.00
13	Storm Water Inspections	\$2,100.00
14	Provide Compaction Testing	\$1,100.00
15	Provide Assurance Testing	\$990.00
16	Provide Quantities for Pay Request Verification	\$690.00
17	Prepare CPRs, Recommendations	\$1,870.00
18	Prepare and Submit Project Punch List-Oversee Completion	\$1,070.00
19	Prepare and Submit Construction Project Close Out Checklist	\$115.00
20	Prepare Letter of verification of Project Completion	\$115.00
21	Prepare Letter to DENR	\$115.00
22	Expendables and Mileage	\$1,482.50
	Total	\$42,200.00

**FMG ENGINEERING
RATE SCHEDULE
FOR
CONSTRUCTION PHASE SERVICES
EAFB WATER METER FACILITY RELOCATION
Project No. W11-1936 CIP No. 50830**

<u>PERSONNEL</u>	<u>RATE</u>
FMG ENGINEERING	
Principal Civil Engineer	\$140.00/hr
Senior Civil Engineer	\$115.00/hr
Senior Construction Observer	\$105.00/hr
Civil Engineer – PE	\$85.00/hr
Civil Engineer – EIT	\$75.00/hr
Construction Observer	\$75.00/hr
CADD Technician	\$70.00/hr
Engineering Technician	\$55.00/hr
Materials Technician	\$55.00/hr
Senior Administrative Assistant	\$55.00/hr
<u>VEHICLES & EXPENSES</u>	
Mobilization (support vehicle)	\$0.70/mile
Travel Costs - air, lodging, transport, meals, etc.	cost
Document/Plans Reproduction	cost