AGREEMENT made ____________________, 20____, between the City of Rapid City, SD (City) and FMG Engineering, (Engineer), located at 3700 Sturgis Road, Rapid City, 57702. City intends to obtain services for Perrine and Unnamed Tributary DBDP Amendment – Phase 4, Project No. 18-2430 / CIP No. 51189.4. The scope of services is as described within this document and as further described in Exhibits A, B, C, and D (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.)

1.2.3 Conduct a location survey of the Project to the extent deemed necessary to provide adequate site information.

1.2.4 Prepare a report presenting the results of the study as outlined in the scope of services.

**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 subcontractors 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 in 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 $121,062.50 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, 2024 based on award date of April 5, 2021.

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 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 may be provided. Claims-made coverage shall continue through the term of this Agreement, and Engineer shall purchase at its sole expense either 1) an Extended Reporting Endorsement (also known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) shall demonstrate through Certificates of Insurance that Engineer has maintained continuous coverage with the same or original insurer. Coverage provided under items 1), 2), or 3) will continue for at least a period of 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. The policy shall name the City and its representatives as an additional insured.

7.4.4 Professional liability insurance providing 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. If this policy provides for claims-made coverage, the claims-made coverage shall continue through the term of this Agreement, and Engineer shall purchase at its sole expense either 1) an Extended Reporting Endorsement (also known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) shall demonstrate through Certificates of Insurance that Engineer has maintained continuous coverage with the same or original insurer. Coverage provided under items 1), 2), or 3) will continue for at least a period of three years after completion of the terms of this Agreement.

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:  

__________________________
Steve Allender, Mayor

DATE: ______________________

Engineer:  

__________________________
Jerry Foster, FMG Engineering

DATE: MARCH 16, 2021

ATTEST:

__________________________
Pauline Sumption, Finance Director
Reviewed By:

Brandon Quiett, Project Engineer

DATE: 3/9/2021

CITY’S DESIGNATED PROJECT REPRESENTATIVE
NAME: Brandon Quiett, PE
PHONE: 605-394-4154
EMAIL: brandon.quiett@rcgov.org

ENGINEERING FIRM’S DESIGNATED PROJECT REPRESENTATIVE
NAME: Jerry Foster, PE
PHONE: 605-342-4105
EMAIL: jfoster@fmgengineering.com
SCOPE OF SERVICES

PERRINE AND UNNAMED TRIBUTARY DRAINAGE BASIN DESIGN PLAN AMENDMENT PHASE 4
Project No. 18-2430, CIP No. 51189.4

The City of Rapid City has determined the need to procure professional services for Preliminary Design Services for the construction of the recommended improvements to various sites as described in the Perrine And Unnamed Tributary Drainage Basin DBDP Amendment. The sites to be improved are:

- Site 1 - Detention Pond Element 100 including Channel Element 108
- Site 2 - Detention Pond Element 101
- Site 3 - Detention Pond Element 104
- Site 4 - Detention Pond Element 105
- Site 5 - Irrigation Ditch Diversion 12
- Site 6 - Combined Channel Element 122, Pipe Element 123, and Irrigation Ditch Element 6
- Site 7 - Combined Channel and Pipe Elements 119, 120, and 121

A contract amendment will be prepared at a later date to be determined for Task 2 Final Design Services and Task 3 Bidding Period Services.

Basic Construction Services and Expanded Construction Services may be negotiated at a later date as a separate contract.

FMG Engineering will complete all tasks for this project.

TASK 1 - PRELIMINARY DESIGN SERVICES:

This task consists of all services necessary to take the project from beginning through the Preliminary Design submittal stage and may include the following itemized services.

1.1 Kick-off Conference: The consultant shall meet with City staff to detail project concept and scope. The consultant shall prepare an agenda, take minutes, and distribute minutes. One kick off conference will be held for the entire project.

1.2 Review background information and any other resources as necessary.

1.3 Perform site surveys sufficient for design plan preparation. The route and topography survey shall be tied to at least two City of Rapid City Monument Control system monuments utilizing NAD 83 (2011) State Plane coordinates and the NAVD 88 vertical datum. Survey shall include preparation of a low-level UAV aerial photo. Survey task shall include property and easement research. Utilities will be surveyed as marked by the One Call Service.

1.4 Water, Sewer, and Lighting Utility Systems Verification

Rapid City Utility Maintenance and/or Rapid Valley Sanitary District to provide locating services for water and sewer utilities. City Traffic Engineering Department to provide locating services for roadway lighting and signal loops in pavement. Consultant shall meet with City of Rapid City Utility Maintenance, City of Rapid City Traffic Engineering, and Rapid Valley Sanitary District for verification of the locates provided for the project.
1.5 Private Utilities Base Plan Verification Meeting: The consultant shall send base plans to the private utilities requesting verification that their utilities are shown correctly per their records. A meeting with the private utilities shall be scheduled after submitting plans to verify that the utilities are shown correctly and to make plan revisions as needed.

1.6 Meet with individual property owners regarding permanent and temporary easement needs. Consultant shall assume maximum of 6 properties will be require easements.

1.7 Meetings with State Department of Transportation, Pennington County Highway Department, and Hawthorne Irrigation Ditch Representatives regarding specific project issues and components. Include discussion about approvals and permit requirements.

1.8 Perform Geotechnical Evaluation.
To evaluate the existing soil conditions along the project boreholes will be drilled at each site. Field testing will be performed, and samples will be extracted for further laboratory analysis. Select soil samples will be tested in our laboratory to determine their general classification, physical properties, and engineering characteristics.

Upon completion of the field and laboratory testing and analysis, a report will be prepared that transmits the boring logs, field data, and laboratory results, provides a limited geologic analysis of the area, and provides recommendations for the proposed construction. In general the report recommendations will include excavation conditions, groundwater conditions, suitability of backfill materials and any other recommendations we consider applicable to the site conditions encountered.

1.9 U.S. Army Corps of Engineers Wetlands Investigation
Consultant shall assume a Nationwide Permit will be required for Sites 5 and 6. Consultant shall prepare a desktop wetlands delineation using the National Wetland Inventory website, NRCS soils data, UAV aerial, historic aerial photos, and limited field observations. Consultant shall hold a presubmittal meeting with U.S. Army Corps of Engineers for validation of the Nationwide Permit assumption, verification of wetland limits, and to verify permit submittal requirements. Consultant shall prepare minutes of the pre-submittal meeting.

1.10 Conceptual Design Submittal
The Conceptual Design Submittal shall generally consist of the following documents:

   A. Preliminary Design Technical Memorandum
Prepare a Preliminary Design Technical Memorandum describing the project components, assumptions, design criteria, hydrologic and hydraulic calculations, system capacity, and other information judged necessary for inclusion in the memorandum. The Technical Memo shall include a review of compliance with City’s Standard Specifications and a list of anticipated Design Exceptions with justification as necessary.

The hydrologic and hydraulic calculations shall include updating the computer models used in the DBDP Amendment for the final design in this project. Consultant shall assume the final design will result in flows that will not require a further Amendment of the DBDP. An Amendment to this contract will be necessary if the final flows change enough that a further Amendment to the DBDP is necessary.
The hydrologic and hydraulic calculations shall include a review of proposed designs in relation to FEMA floodplain within the project limits. Additional hydrologic calculations to develop 500 Year flows in addition to the 100 year flows will be prepared. Develop 100 Year and 500 Year Water Surface Elevations using HECRAS for comparison to current FEMA maps. An Amendment to this Contract will be necessary if CLOMR and LOMR submittals to FEMA are required.

The project’s Geotechnical Report shall be included as an attachment to the Technical Memorandum.

A probable opinion of construction costs for the project shall be included with the Technical Memorandum. The costs shall be itemized based on the City’s standard bid items and appropriate contingency item allowance.

Submit three (3) copies and a PDF version of the Preliminary Design Technical Memorandum to City of Rapid City’s project manager for review and comment.

B. Conceptual Drawings
The conceptual drawings shall contain the following sheets:

- Cover Sheet - Include vicinity map and index of drawings
- Survey Control Sheet – The Survey Control sheet shall include control points with Northing, Easting, Elevation, and Description with Station and Offset to the closest alignment. Horizontal alignments including beginning and end stations, and deflections and curve data. Combined ground to grid scale factor and Basis of Bearings.
- Property Layout and Land Ownership
- Plan and Profile Sheets - Show demolition, existing and proposed utility mains and existing services, proposed structures, proposed pavement repairs, and proposed easements, and other necessary features to convey the intend to the preliminary design.
- Grading Plans
- Cross Sections
- Special Details – Include Conceptual Details for special requirements of project as necessary.
- Anticipated sequencing and traffic control phasing

Submit three (3) copies and a PDF version of the Preliminary Design Technical Memorandum to City of Rapid City’s project manager for review and comment.

1.11 Attend submittal review meeting with City staff. Prepare Meeting Minutes summarizing the Preliminary Plan Submittal Review Meeting.

**SCHEDULE:**

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<thead>
<tr>
<th>Event</th>
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<tr>
<td>Notice to Proceed</td>
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<tr>
<td>Conceptual Design Services Submittal</td>
<td>December 31, 2021</td>
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# EXHIBIT B  TASK SCHEDULE

**PERRINE & UNNAMED TRIBUTARY DRAINAGE BASIN DESIGN PLAN AMENDMENTS**

**PHASE 4**

Project No. 18-2430, CIP No. 51189.4

**FMG ENGINEERING**

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<thead>
<tr>
<th>TASK 1 - PRELIMINARY DESIGN</th>
<th>Cost</th>
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<tbody>
<tr>
<td>1.1 Kickoff Meeting</td>
<td>$755.00</td>
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<tr>
<td>1.2 Collect and Review Background Information</td>
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<td>1.3 Perform Site Surveys</td>
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<td>1.4 City &amp; RVSD Utility System Verification Meetings</td>
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<td>1.5 Private Utility Base Map Verification Meetings</td>
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<tr>
<td>1.6 Meetings with Property Owners Regarding Easement Needs</td>
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<td>1.7 Meetings with SDDOT, Penn Co. Hwy Dept &amp; Irrigation Ditch Co.</td>
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<td>1.8 Perform Geotechnical Investigation</td>
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<td>1.9 U.S. Army Corps of Engineers Wetlands Investigation</td>
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<td>1.10B Conceptual Design Drawings</td>
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<td>1.11 Attend Submittal Review Meeting with City Staff and Minutes</td>
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**TOTAL FOR TASK 1-PRELIMINARY DESIGN** $121,062.50

Although dollar values have been provided for each task, FMG shall the right to reallocate monies to other tasks subject to the maximum limiting fees shown above.
FMG ENGINEERING

PERRINE AND UNNAMED TRIBUTARY
DRAINAGE BASIN DESIGN PLAN AMENDMENT
PHASE 4
Project No. 18-2430, CIP No. 51189.4

RATE SCHEDULE

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VEHICLES & EXPENSES

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