

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

Date: August 29, 2014

Project Name & Number: Mount Rushmore Road Utilities Reconstruction – Saint James Street to Kansas City Street. Project No. 13-2139 **CIP #:** 50950

Project Description: Professional Services for the Final Design Services for landscaping and utility improvements to be built concurrently with the SDDOT Reconstruction Project from Saint James Street to Kansas City Street.

Consultant: Advanced Engineering and Environmental Services, Inc.

Original Contract Amount: \$165,284.00

Original Contract Date:

Original Completion Date: 1/31/16

Addendum No:

Amendment Description:

Current Contract Amount: _____

Current Completion Date: _____

Change Requested: _____

New Contract Amount: _____ \$0.00

New Completion Date: _____

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$50,000.00	833	4223	604	
\$70,284.00	933	4223	602	
\$15,000.00	8910	4223	505	
\$10,000.00	8911	4223	505	
\$20,000.00	132	4223	107	Vision 2012
\$165,284.00	Total			

Agreement Review & Approvals

Robert Pehl 8/29/14
Project Manager Date

Christina Leticia 9/4/14
Compliance Specialist Date

Heidi Kly 9/10/14
City Attorney Date

John Tim 9-5-14
Division Manager Date

Tom W. [Signature] 9-8-14
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	9/9/14	[Signature]	Y N
Cash Flow			N

**Agreement Between City of Rapid City and Advanced Engineering and
Environmental Services, Inc.
for Design Services for Mount Rushmore Road Utilities Reconstruction (Saint
James Street to Kansas City Street), Project No. 13-2139 / CIP No. 50950**

AGREEMENT made September 16, 2014, between the City of Rapid City, SD (City) and Advanced Engineering and Environmental Services, Inc., (Engineer), located at 1560 Concourse Drive, Rapid City, SD, 57703. City intends to obtain services for design and bidding, Projects No. 13-2139 / CIP No. 50950. The scope of services is as described in Exhibits A and B.

The City and the Engineer agree as follows:

The Engineer shall provide professional engineering services for the City in all phases of the Project as defined in Exhibits A and B, 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.

1.2 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 Exhibits A and B.)
- 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 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 rate schedule. (See Exhibit C.)



5.2 Fee

The maximum amount of the fee for the services as detailed in Section 1.2 shall not exceed \$165,284.00 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 at the rates 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 to meet the SDDOT bid letting schedule. The anticipated schedule is listed in Exhibit A.

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

Shelene Schuff
Advanced Engineering and
Environmental Services, Inc

DATE: _____

DATE: 8/29/14

ATTEST:

FINANCE OFFICER

Reviewed By:

Todd Peckosh
Todd Peckosh, Project Engineer

DATE: 8/29/14

CITY'S DESIGNATED PROJECT
REPRESENTATIVE

ENGINEERING FIRM'S DESIGNATED
PROJECT REPRESENTATIVE

NAME: Todd Peckosh, PE
PHONE: 394-4154
EMAIL: todd.peckosh@rcgov.org

NAME: Rich Marsh, PE
PHONE: 341-7800
EMAIL: rich.marsh@ae2s.com



EXHIBIT A

**DESIGN AND BIDDING SERVICES for Project 3 – Tasks 2 & 3
Mount Rushmore Road Utilities Reconstruction
St. James Street to Kansas City Street
Project No. 13-2139 CIP 50950 PCN X03L
August 27, 2014**

SCOPE OF SERVICES

The City of Rapid City proposes to reconstruct subsurface utilities in conjunction with the South Dakota Department of Transportation's proposed reconstruction of US Highway 16 (Mt. Rushmore Road) from Tower Road north to Kansas City Street. Primary work includes replacement of water mains, sanitary sewer mains and landscaping enhancements as well as coordination of City infrastructure needs with the SDDOT reconstruction project. The landscape enhancements are funded through Vision Fund allocations. Proposed work for the SDDOT Project includes: Grading, PCC Paving, Storm Sewer, Curb & gutter, Roadway Lighting and Traffic Signals. Recent discussions indicate that the SDDOT project is anticipated to be constructed in three phases with construction in 2014-2015, 2016, and 2017.

CETEC Engineering Services, Inc. submitted a proposal, interviewed with City Staff and was selected to complete the design tasks requested in the RFP. The City of Rapid City requested that CETEC complete Task 1 – Preliminary Design Services through 35% from Saint Patrick Street north to Kansas City Street. CETEC Engineering has completed the 35% submittal with the exception of the intersecting road review which will be completed as the SDDOT roadway design proceeds. On July 1, 2014, CETEC Engineering Services, Inc. joined Advanced Engineering and Environmental Services, Inc. (AE2S) and thus this scope of services will be completed by Advanced Engineering and Environmental Services, Inc.

The City has requested a separate contract to complete the following task requested in the RFP:

- **Tasks (2-3) Final design & Bidding – St. James Street to Kansas City Street (Construction Project 3)**

If requested by the City of Rapid City, a separate contract amendment will also be necessary for Tasks 4 and 5, Basic and Expanded Construction Services, respectively.

Below are project outlines that list anticipated work items for each task:

TASK 2 - FINAL DESIGN SERVICES

Typically RFP tasks 1.10 and 1.11 are completed in Task 1 however, each are anticipated to be completed in Task 2:

1.10. 65% Submittal (incorporation of 35% comments)

- Landscaping components coordination for 65%
- Incorporate 35% Design Review comments into Design Memorandums and resubmit 2 copies to CORC
- Design information coordination between AE2S and SDDOT

65% Plans

- Review and prepare Specifications using Draft CORC Corrosion Specifications. Incorporate applicable specification sections and CORC corrosion details into the 65% plans
- Prepare 65% Removal/Demolition plan sheets for CORC infrastructure to be removed or abandoned.
- Prepare 65% plan and profile sheets for proposed water and sewer infrastructure. Plans will include station offset information for proposed infrastructure.
- Prepare typical and standard details to be included within the plans
- Prepare 65% Landscaping layout and plan sheets for the following:
 - Raised planter bed and paving from 64+00 to 67+00
 - Raised planter bed and paving from 68+00 to 76+50
 - Raised planter bed and paving from 77+50 to 80+50
 - Raised planter bed and paving from 81+50 to 84+30
 - Columbus Street/Mount Rushmore Road Intersection Streetscape
 - Quincy Street/Mount Rushmore Road Intersection Streetscape
 - Irrigation design in median 64+50 to 66+30
 - Irrigation design in median 66+80 to 75+80
 - Irrigation design in median 78+00 to 79+30
 - Irrigation design in median 82+50 to 83+30
 - Columbus Street Node irrigation design
 - Quincy Street Node irrigation design.
 - Typical, Standard, and project specific landscaping plan details
- Coordination with Ferber Engineering Company on Safe Haven Designs
- The gateway monument that was previously designed in Phase 1 will be updated to incorporate changes requested by the City of Rapid City.
- Generate PDF's for all 65% submittal information and upload to CORC via FTP
- Attend 65% Plans Review meeting at the CORC
 - generate meeting minutes and email PDF copy to CORC

- 1.11. ROW needs outside of proposed SDDOT work limits are not anticipated with this project. If, during design it becomes apparent that ROW negotiations will be necessary, a contract amendment will be requested.
 - 2.1 Address 65% review comments.
 - 2.2 See Task 1.11. No work anticipated with this task.
 - 2.3 Erosion and Sediment Control Structural Plan for work areas outside of the SDDOT limits of construction. AE2S will also allocate quantities for work within the DOT work limits, but a plan will not be generated due to DOT Contractor control of work. AE2S will prepare SWPPP plan documents for plan inclusion.
 - 2.4 Coordinate with Utility Companies
 - Attend private utility meeting (est. 2 meetings 65% & 95%)
 - generate meeting minutes and email PDF copy to CORC
 - Utility design coordination meetings with Ferber Engineering Company (est. 5 meetings)
 - generate meeting minutes and email PDF copy to CORC
 - 2.5 City requirement and Specification review
 - Design exception preparation and submittal to CORC PW staff. PW staff to place on public meeting agendas if necessary
 - 2.6 Detailed Specification Preparation
 - No work anticipated with this task as CORC corrosion specifications and Standard Specifications will be used. If needed, contract amendment will be requested.
 - 2.7 Attend SDDOT Public Meetings (est. 3 meetings @ 4 hours each)
 - Prepare presentation materials for public meetings. Presentation materials are anticipated to be roll plots of project layouts and power point presentations.
 - Allowance of 10 hours for meeting follow up with City Staff and Citizens.
 - 2.8 Attend SDDOT Utility coordination meetings (est. 2 meetings)
 - Generate meeting minutes and email PDF copy to CORC staff.
 - 2.9 Review and coordinate with SDDOT on traffic control and construction sequencing (est. 4 meetings)
 - Generate meeting minutes and email PDF copy to CORC staff.
 - 2.10 95% Submittal
 - Coordinate landscaping plans and specifications into the 95% plan set.
- 95% Plans
- Complete 95% plans quantity take off and update Engineers Construction Cost Estimate

- Compile and create applicable general plan notes for the project to be placed on plan sheets.
 - Compile and create project specifications for items not included within the CORC standard specifications
 - Revise 65% Removal/Demolition plan sheets for CORC infrastructure to be removed or abandoned based on CORC design comments.
 - Revise 65% plan and profile sheets for proposed water and sewer infrastructure based on CORC design comments.
 - Revise 65% landscaping and irrigation plans and details based on CORC design comments.
 - Complete Construction Sequence/Traffic Control Plans to be coordinated with SDDOT Plans
 - Complete project specific details, standard and supplemental.
 - Generate PDF's for all 95% submittal information and upload to CORC via FTP. 95% PDF Plan set will also be uploaded to SDDOT FTP site. SDDOT shall forward to FHWA.
 - Print 95% 11x17 Plan Sets and submit to the CORC (2 sets total)
 - Attend 95% Design Review Meeting with CORC Staff
 - generate meeting minutes and email PDF copy to CORC
- 2.11 Address 95% Comments from City and SDDOT and revise plans and specifications. It is assumed that FHWA will include a review of the plans with the SDDOT. If the FHWA review is separate from the DOT, hours for specific responses and revisions to the plans are not included.
- 2.12 Prepare SDDOT permits/exhibits for City Signatures and route to the SDDOT.
- 2.13 Identify permits that will be required for the Contractor. Required permits will be listed within the general plan notes in the final plan set.
- 2.14 City of Rapid City will Submit Plans and Specifications to SDDENR
- AE2S will respond to SDDENR Comments, if any.
- 2.15 100% Final Submittal
- Final opinion of probable construction costs based on a unit price contract. It is estimated that this will be a minor revision of the 95% Submittal.
 - Coordinate and insert final landscaping plans and specifications into the final plan set.
 - PDF the 100% Plan and Specification submittal and upload to CORC FTP site.
 - Upload 100% Plan and Specification submittal to SDDOT Bid Letting via FTP
 - Print 2 Hard Copy 100% Plans and Specifications and submit to CORC.

- Compile and transmit electronic project files to CORC. To include PDF plans, plans in AutoCAD format and engineers estimate in Microsoft Excel format.
- 2.16 Record Drawings for Project 1 and Project 3
- Typically Record Drawings are provided under Task 4, however the City of Rapid City has requested that this task be added to the final design and bidding portion of this contract.
 - Compile Record AutoCAD Drawings based on Contractors redlines. Revision clouds will be added to the design CAD files for this task prior to submittal to the City of Rapid City. The City shall provide redlines from the Contractor to AE2S.
 - Included in this scope of work are record drawings for Project 1(Tower Road to Flormann Street) and Project 3(St. James Street to Kansas City Street.)

TASK 3 – BIDDING SERVICES

- 3.1 Attend and coordinate Pre-bid conference with SDDOT
- Generate meeting minutes and email PDF to CORC
- 3.2 Issue addenda to the bid documents if required. Addenda will be in the form of electronic PDF and transmitted to the SDDOT Bid Letting Office. Answer questions submitted on the internet via the SDDOT Q&A bidding process.

SUBMITTALS (Tasks 2-3)

- A. Meeting minutes for all meetings that Engineer attends on behalf of the City of Rapid City.
- B. Revisions to the 35% technical memorandums based on CORC design comments.
- C. 65%, 95%, 100% plans and specifications. Opinion of probable construction cost at 95% & 100%.
- D. Electronic PDF will be submitted at 65%, & 95% design stages.
- E. 2 hard copies at 100%.
- F. 2 hard copies of the 100% plans and specifications will be submitted. Final drawings and specifications shall contain the certification statement of Conformance with City of Rapid City Standards listed in the RFP.
- G. Costs estimates and final estimate of quantities in Excel format.
- H. Open house comments/concerns with recommendations for inclusion or exclusion on the project.
- I. Electronic copies of AutoCAD project drawings. Drawings will include Record Drawings based upon City of Rapid City furnished redline drawings. Record drawings

will include revision clouds indicating redline construction changes to the design drawings.

ADDITIONAL SERVICES

Additional Services Requiring Owner's Advance Written Authorization. If authorized in writing by Owner, Engineer shall furnish or obtain from others, additional services of the types listed below:

- A. Preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Project (which are not part of Basic Services).
- B. Preparation of traffic impact studies, traffic capacity analysis, or pedestrian studies.
- C. Services resulting from significant changes in the scope, extent, or character of the portions of the Project designed or specified by Engineer or its design requirements including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date of this Agreement or are due to any other causes beyond Engineer's control. Engineer will notify Owner within 48 hours once Engineer is aware of a change and will not proceed without written direction from Owner.
- D. Services resulting from Owner's request to evaluate additional Study and Report Phase alternative solutions beyond those identified in Exhibit A.
- E. Services required as a result of Owner's providing incomplete or incorrect Project information to Engineer.
- F. Undertaking investigations and studies including, but not limited to, detailed consideration of operations, maintenance, and overhead expenses; the preparation of feasibility studies, cash flow and economic evaluations, rate schedules, and appraisals; assistance in obtaining financing for the Project; evaluating processes available for licensing, and assisting Owner in obtaining process licensing; detailed quantity surveys of materials, equipment, and labor; and audits or inventories required in connection with construction performed by Owner.
- G. Furnishing services of Engineer's Consultants for other than Services identified in Exhibit A.
- H. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructability review requested by Owner;

and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other Bidding Documents as a result of such review processes.

- I. Preparing additional Bidding Documents or Contract Documents for work outside of the scope identified in Exhibit A requested by Owner for the Work or a portion thereof.
- J. Assistance in connection with Bid protests, re-bidding, or renegotiating contracts for construction, materials, equipment, or services. Re-bidding or renegotiating contracts to reduce the contract costs to funds available shall be considered Additional Services.
- K. Providing Construction Phase services and Construction Staking services.
- L. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, or other dispute resolution process related to the Project.
- M. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner other than those outlined in Exhibit A.
- N. Additional Services not identified at inception of project-Services resulting from changes in scope, extent, or character of the project are not included as part of the above Scope of Services. If required, or requested by the Client, AE2S will provide additional services on an hourly basis in accordance with Exhibit C.
- O. Structural design of retaining walls and surface elements. Primary design for retaining walls and grades on the project shall be completed by the SDDOT.
- P. Parking impact studies, parking design concepts, business parking plans and cost estimates associated with removal or modification of business or on street parking.
- Q. Design of highways, driveways or approaches into and out of residences or businesses along Mount Rushmore Road or intersecting streets is not included. Intersecting streets will be reviewed with respect to the City of Rapid City Infrastructure Design Manual and recommendations given.
- R. Design for items listed in the Mount Rushmore Road Corridor Development plan not specifically included within the scope of work listed in Exhibit A.
- S. Private utility design services

ANTICIPATED PROJECT SCHEDULE

Below are anticipated timeframes for each phase of work based on estimated SDDOT bid letting dates. Project schedule is completely dependent on SDDOT plans completion schedule and Right-of-Way acquisition. Because AE2S has no control over the project schedule, hourly billing rates proposed in Exhibit C will be applied when the work is completed. Below is the estimated schedule at the time of this contract.

Notice to Proceed.....September 16, 2014

Project 3: St. James Street to Kansas City Street

65% plan submittalDecember 2014
65% comments back from CORC.....January 2015
95% plan submittalMay 2015
Final comments back from CORC.....June, 2015
100% review submittal to SDDOT/FHWASeptember 2015
100% plan submittal to SDDOT Bid Letting.....November 2015
Bid LettingJanuary 2016

EXHIBIT B

DESIGN AND BIDDING SERVICES for Project 3 - Tasks 2 & 3
Mount Rushmore Road Utilities Reconstruction -St. James to Kansas City St.
Project No. 13-2139 / CIP 50950 / PCN X03L
Advanced Engineering and Environmental Services, Inc.
TASK SCHEDULE
August 27, 2014

TASK 1 - PRELIMINARY DESIGN SERVICES		Task Cost
1.10	65% Submittal (incorporation of 35% comments)	\$ 39,253.00
1.11	ROW Needs	\$ -
	Supplies, Mileage, Printing allowances	\$ 195.00
	GPS Expenses	\$ 200.00
	Traffic Control	\$ 350.00
	Subconsultant - Wyss Associates, Inc.	\$ 22,292.00
	Subtotal / Preliminary Design Services	\$ 62,290.00

TASK 2 - FINAL DESIGN SERVICES		Task Cost
2.1	Address and Respond to 65% review comments	\$ 5,808.00
2.2	Prepare easement and ROW exhibits (See 1.11, if this task is needed a contract amendment will be requested)	\$ -
2.3	Erosion and Sediment Control Structural Plan Details and SWPPP Plan Document	\$ 3,664.00
2.4	Coordinate with Utility Companies	\$ 3,515.00
2.5	City requirement and Specification review	\$ 1,262.00
2.6	Detailed Specification Preparation. None anticipated as CORC corrosion specifications and Standard Specifications will be used. If needed, contract amendment will be requested.	\$ -
2.7	Attend SDDOT Public Meetings (est. 3 meetings @ 4 hours each), Presentation and Materials preparation and meeting follow up.	\$ 9,157.00
2.8	Attend SDDOT/Project Utility meetings (est. 2 meetings)	\$ 802.00
2.9	Review and coordinate with SDDOT on traffic control and construction sequencing (4 meetings)	\$ 3,602.00
2.10	95% Submittal	\$ 34,367.00
2.11	Address 95% Comments from City of Rapid City	\$ 10,078.00
2.12	Provide permits/exhibits for City Signatures	\$ 1,858.00
2.13	Identify permits that will be required for the Contractor. Required permits will be included within the general plan notes	\$ 394.00
2.14	Submit Plans and Specifications to SDDENR by CORC, Respond to comments	\$ 283.00
2.15	Final Submittal	\$ 5,025.00
2.16	Record Drawings for Project 1 and Project 3	\$ 3,760.00
	Supplies, Mileage, Printing allowances	\$ 130.00
	GPS Expenses	\$ 200.00
	Subconsultant - Wyss Associates, Inc.	\$ 11,530.00
	Subtotal / Final Design Services	\$ 95,435.00

TASK 3 - BIDDING SERVICES		Task Cost
3.1	Attend and coordinate Pre-bid opening with SDDOT	\$ 1,574.00
3.2	Issue Q & A to the bid documents as required. Addenda will be in the form of electronic PDF and transmitted to the SDDOT	\$ 4,442.00
	Supplies, Mileage, Printing allowances	\$ 39.00
	Subconsultant - Wyss Associates, Inc.	\$ 1,504.00
	Subtotal / Bidding Services	\$ 7,559.00

TOTAL ESTIMATED FEES - Project 3 (Tasks 2 and 3)		\$ 165,284.00
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Note: Advanced Engineering and Environmental Services, Inc. shall retain the right to reallocate task costs subject to the maximum limiting fee.

EXHIBIT C

Mount Rushmore Road Utilities Reconstruction Saint James Street to Kansas City Street Project No. 13-2139 CIP 50950

Advanced Engineering and Environmental Services, Inc.	2014	2015
Position Title	Hourly Billing Rate	Hourly Billing Rate
Principal	\$ 127.00	\$ 130.00
Project Manager	\$ 115.00	\$ 118.00
Design Engineer	\$ 89.00	\$ 91.00
Construction Manager	\$ 98.00	\$ 101.00
CADD Technician	\$ 76.00	\$ 79.00
Survey Manager	\$ 84.00	\$ 87.00
Surveyor	\$ 72.00	\$ 74.00
Survey Assistant	\$ 49.00	\$ 51.00
Clerical	\$ 46.00	\$ 47.00

Hourly Rates modified January 1st of Each Year:
 Project Travel:.....\$ 0.65/mile
 GPS Equipment:.....\$ 20.00/hour
 UTV Ranger:.....\$ 25.00 /hour
 Blueline Printing:Actual Cost
 Outside Printing:.....Actual Cost
 Traffic Control:.....Actual Cost

Wyss Associates, Inc.	2014	2015
Position Title	Hourly Billing Rate	Hourly Billing Rate
Principal Landscape Architect	\$ 160.00	\$ 165.00
Senior Landscape Architect	\$ 113.00	\$ 116.00
Design Associate I	\$ 91.00	\$ 94.00
Construction Administrator	\$ 113.00	\$ 116.00
Administrative Assistant	\$ 46.00	\$ 48.00