

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

Date: April 29, 2008

Project Name & Number: Elk Vale Water Reservoir  
W07-1638

CIP #: 50321

Project Description: Final design of the Elk Vale Low Level Reservoir and necessary piping and appurtenances in accordance with the recommendations made in the October 2007 Preliminary Engineering Report for the project.

Consultant: Advanced Engineering and Environmental Services, Inc.

Original Contract Amount: \$397,360.00	Original Contract Date: Nov. 21, 2007	Original Completion Date: October 1, 2008
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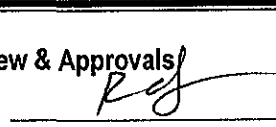
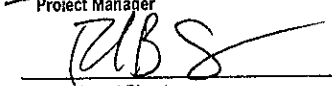
Amendment Number: 1

Amendment Description: Professional Services for development of construction and post construction stormwater treatment. Includes information for additional property acquisition, coordination with the SDDENR and SDDOT, design services and development of construction documents.

Current Contract Amount: \$397,360.00	Current Completion Date: _____
Change Requested: \$32,527.00	
New Contract Amount: \$429,887.00	New Completion Date: _____

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$32,527.00	934	4223	602	
\$32,527.00	Total			

<b>Agreement Review &amp; Approvals</b>			
 Project Manager	4-21-08 Date	 Division Manager	4-21-08 Date
 Department Director	4-21-08 Date	 City Attorney	Date

**ROUTING INSTRUCTIONS**

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

**FINANCE OFFICE USE ONLY**

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

	Date	Initials	Approved
Appropriation			Y N
Cash Flow			Y N

**AMENDMENT NO. 1  
TO  
AGREEMENT BETWEEN OWNER AND  
ENGINEER FOR PROFESSIONAL SERVICES  
DATED  
March 28, 2008**

This Amendment No. 1 is effective as of March 28, 2008 ("Effective Date") between City of Rapid City, 300 Sixth Street, Rapid City, SD 57701 ("OWNER") and Advanced Engineering and Environmental Services, Inc., 1815 Schafer Street, Suite 301, Bismarck, ND 58501 ("ENGINEER").

The document amends the Agreement Between Owner and Engineer for Professional Services (the Agreement) dated November 21, 2007 for:

**Elk Vale Low Level Water Reservoir, Project No. W07-1639 (Project).**

All provisions not amended remain in full effect.

OWNER and ENGINEER, in consideration of their mutual covenants as set forth herein, agree to amend the following portions of the Agreement:

**1. Exhibit A:**

- a. Replace Paragraph A1.03.A.4 with the following:

"4. Perform or provide the following additional Final Design Phase tasks or deliverables: Stormwater design tasks identified in Exhibit E."

- b. Replace Paragraph A1.04.A.4 with the following:

"4. Perform or provide the following additional Bidding or Negotiating Phase tasks or deliverables: Stormwater Bidding or Negotiation Phase tasks identified in Exhibit E."

**2. Exhibit C:**

- a. Replace Paragraph C4.01-A-3 with the following:

"3. The total compensation maximum, including all Reimbursable Expenses, for services under Paragraph C4.01 is \$429,887.00 based on the following assumed distribution of compensation.

a. Final Design Phase	\$	406,123.00
b. Bidding or Negotiating Phase	\$	23,764.00"

**3. Exhibit E:**

- a. Add Paragraph 13 as follows:

"13. Stormwater Final Design: As a result of new stormwater ordinances (5355, 5356, 5357), the Engineer shall perform the following additional scope of services to ensure the Elk Vale Low Level Reservoir Project complies with the new ordinances:

- a. Project Meetings and coordination with SD Department of Environment & Natural Resources (DENR) and SD Department of Transportation (DOT) with regard to stormwater permitting requirements, use of common stormwater pipe, and discharge structure.
- b. ENGINEER to provide assistance to OWNER for acquisition of property for siting of new stormwater treatment facility. Includes one (1) set of revisions to existing easement exhibit and one (1) trip to survey and set new easement property corners.
- c. ENGINEER to prepare Erosion and Sediment Control Permit Application and Plan as required by City Ordinances No. 5355 and No. 5357 and include this information with Bid Documents.
  - i. Erosion and Sediment Control Plan shall include Elk Vale Low Level Reservoir site and Signal Hill vaults areas.
  - ii. Coordinate with City building and grading permits, as applicable.
  - iii. Obtain coverage under the SD General Permit for Stormwater Discharges Associated with Construction Activities, as applicable.
  - iv. The City of Rapid City Stormwater Quality Manual, November 2007 shall be used for guidance for selection of best management practices.
  - v. Erosion and Sediment Control Plan shall be a maximum of four (4) sheets and include erosion and sediment control site plan (2 sheets), written narrative (1 sheet), and City of Rapid City standard details (1 sheet).
- d. ENGINEER to design for post-construction site stormwater runoff as required by City Ordinance No. 5356 and City of Rapid City Stormwater Quality Manual, November 2007 and include this information with Bid Documents.
  - i. Post-construction site stormwater runoff is anticipated for the Elk Vale Project site only.
  - ii. Perform hydrology analysis (100-year event) and select stormwater treatment (sand filter extended detention basin).
  - iii. Incorporate new stormwater treatment on Site Plan and develop required grading changes.
  - iv. Design pond outlet and analyze conduit flows.
  - v. Provide construction sequencing recommendations.
  - vi. Analyze reservoir/stormwater treatment common discharge hydraulics.
  - vii. Provide Geotechnical review of stormwater treatment and reuse of excavated materials from reservoir construction (to be included in Final Geotechnical Report).
- e. ENGINEER to prepare plans, specifications, and Bid Documents for the incorporation of the stormwater items as previously identified. This includes:
  - i. Erosion and Sediment Control Permit Application and Plan
  - ii. Plans:
    1. Additional grading/drainage for new stormwater treatment (plan and section views of sand filter extended detention basin).
    2. Stormwater treatment outlet structure (detail).
    3. Stormwater treatment outlet conduit (plan and profile).
  - iii. Specifications:
    1. Stormwater treatment grading and earthwork.
    2. Stormwater treatment system (sand filter extended detention basin including sand media and underdrain).
    3. Stormwater treatment outlet structure (manhole and weir).
    4. Erosion control.
- f. ENGINEER to prepare Opinions of Probable Construction Cost and revise as required for 65%, 95%, and 100% plan and specification reviews.
- g. ENGINEER will assist OWNER with preparation of materials needed for City 11-6-19 Review (preparation of one (1) set of plans and specifications).
- h. ENGINEER to issue addenda to the bid documents as required and answer stormwater related questions from prospective Bidders.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment No. 1, the Effective Date of which is indicated on page 1.

OWNER:

Alan Hanks, Mayor

By: \_\_\_\_\_

Title: Mayor

Date Signed: \_\_\_\_\_

ATTEST: \_\_\_\_\_

Name: Jim Preston

Title: Finance Officer

Address for giving notices:

City of Rapid City

300 Sixth Street

Rapid City, SD 57701

Designated Representative (paragraph 6.02.A):

Dan Coon, P.E.

Title: Project Manager

Phone Number: (605) 394-4154

Facsimile Number: (605) 394-6636

E-Mail Address: dan.coon@rcgov.org

ENGINEER:

Brett M. Jochim, PE (AE2S)

By: 

Title: Chief Operating Officer

Date Signed: 3/28/08

ATTEST: 

Name: Deon M. Stockert, PE

Title: Drinking Water Manager

Address for giving notices:

Advanced Engineering and Environmental Services, Inc.

1815 Schafer Street, Suite 301

Bismarck, ND 58501

Designated Representative (paragraph 6.02.A):

Deon Stockert, PE

Title: Drinking Water Manager

Phone Number: (701) 221-0530

Facsimile Number: (701) 221-0531

E-Mail Address: deon.stockert@ae2s.com