

**ADDENDUM #3  
TO  
AGREEMENT FOR PROFESSIONAL SERVICES**

This **ADDENDUM #3 TO AGREEMENT FOR PROFESSIONAL SERVICES** is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2005, by and between the City of Rapid City, South Dakota, hereinafter called **OWNER**, and Ferber Engineering Company, Inc., a South Dakota Corporation, hereinafter called **CONSULTANT**.

**WHEREAS, OWNER and CONSULTANT** have previously entered into an agreement for professional services for the **Analysis and Conceptual Design of Water and Sanitary Sewer Service for the Deadwood Avenue North Area**; and,

**WHEREAS, OWNER** has determined that the scope of the professional services agreement needs to be expanded to include:

1. An update to the North Deadwood Avenue Water System Expansion Study to reflect the most recent draft land use plans for the area;
2. Extending the boundary of the study to include the High Level area east of the hogback to Haines Avenue and the property in the Box Elder Creek Drainage basin north to the Meade/Pennington County line including investigation of pumping, PRV and reservoir requirements.

**NOW, THEREFORE, OWNER and CONSULTANT** in consideration of the payments and agreements herein contained, do hereby agree as follows:

The **SCOPE OF SERVICES** for the Analysis and Conceptual Design of Water and Sanitary Sewer Service for the Deadwood Avenue North Area is expanded to include the following:

- Obtain most recent orthophoto, topographic and land use information.
- Update entire study to reflect the draft land use plans.
- Extend study boundary to include High Level area east of the hogback to Haines Avenue and the property in the Box Elder Creek drainage basin north to the Meade/Pennington County line.
- Investigate pumping, PRV and reservoir requirements for revised study area.
- Model alternatives using WaterCAD software.
- Prepare/revise cost estimates.
- Prepare updated draft and final reports.

The Additional Services included in this **ADDENDUM** will be completed for an amount not to exceed \$15,305.00.

The Additional Services included in this **ADDENDUM** will be performed in accordance with the Terms and Conditions of the Agreement for Professional Services dated October 7, 2002.

The completion date for this contract will be extended to April 1, 2005.

IN WITNESS WHEREOF, the parties hereto have made and executed this **ADDENDUM #3** as of the date and year first above written.

**THE CITY OF RAPID CITY, SOUTH DAKOTA**

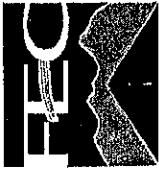
**FERBER ENGINEERING COMPANY, INC.**

\_\_\_\_\_ Date: \_\_\_\_\_  
Jim Shaw, Mayor

\_\_\_\_\_ Date: \_\_\_\_\_  
Dan P. Ferber, President

ATTEST:

\_\_\_\_\_ Date: \_\_\_\_\_  
James F. Preston, Finance Officer



# Ferber Engineering Company, Inc.

**PROJECT:** Deadwood Avenue North Utility Infrastructure Study  
**CLIENT:** City of Rapid City  
**LOCATION:** North Deadwood Avenue Area  
**ADDRESS:** 300 Sixth Street - Rapid City, SD 57701  
**DATE PREPARED:** January 25, 2005  
**ESTIMATOR:** Dan Ferber PE/LS - JRV

**TITLE** President **PM** **Proj Eng** **Tech** **Survey** **Drafting** **Clerical** **Direct Cost**  
**NAME** Dan Ferber **Dave Muck** **John Van Beek** **Mitch Kertzman** **Chris Ford**  
**LICENSURE** PE/LS **PE/LS** **PE** **EIT**  
**2005 BILLING RATE** \$95.00 **\$80.00** **\$80.00** **\$65.00** **\$50.00** **\$85.00** **\$45.00** **\$45.00**

## Task Description - Water Study Modifications

Task Description	1	2	4	8	6	6	8	4	4	10	2	8	2	4	4	79	Estimated Cost	Subtotal	Total Estimated Cost	
<b>Data Gathering</b>																				
Topo&Orthos - G13 and G21																				
E. Anamosa/Lacrosse Booster Operational Data																				
Obtain Land Use Coverages for North Rapid & Dead. Ave																				
<b>Study Mods and Adds</b>																				
Update entire study to reflect Draft Land Use Plan																				
Revise ultimate service boundary																				
Update demands at specific nodes to account for Plans																				
Update WaterCAD model to reflect modified flows																				
Investigate Modifications proposed by City																				
Evaluate booster at well house on existing well lot																				
N Rapid Reservoir Booster																				
Pumping Requirements																				
Locate new reservoir site on east side of Hogback																				
Extend Study Boundary																				
Expand to include HI Level on W Side of Haines																				
Expand to include area north to county line																				
Investigate PRV locations/parameters																				
Model alternatives using WaterCAD																				
Revise Major Waterline Layout																				
Identify Major Waterline Layout for add'l study area																				
Prepare/revise cost estimates																				
Prepare Draft Report																				
Report Review Meeting with Rapid City Staff																				
Revise according to Rapid City comments																				
Prepare Final Report																				
<b>Total Hours</b>																				
<b>Estimated Cost Subtotal</b>																				
<b>Total Estimated Cost</b>																				

Total Estimated Cost \$15,305.00