

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

Date:

Project Name & Number: West Omaha Street utilities – Sheffer Street to 12th Street,
Project No. 16-2099

CIP #: 50904

Project Description: City drainage and utility portion of SDDOT reconstruction of W. Omaha Street from Sheffer Street to 12th Street

Consultant: Ferber Engineering Company, Inc.

Original Contract Amount: \$407,605.00

Original Contract Date: 3/ 4/ 2014

Original Completion Date: 12/31/16

Addendum No: 1

Amendment Description: Analysis of Drainage Element 306 design options. Final Design Services for several components of City break-out project "W. Omaha Drainage and Utility Improvements – Mountain View to 12th Street, Project No. 15-2316 / CIP No. 50904.1", including 11th and 12th Street outfall Final Design, and Kno Place utilities.

Current Contract Amount: \$407,605.00

Current Completion Date: December 31, 2016

Change Requested: \$71,645.00



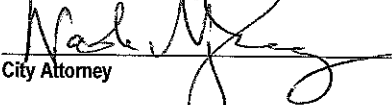
New Contract Amount: \$479,250.00



New Completion Date: December 31, 2018

Funding Source This Request:

Amount	Dept.	Line Item	Fund	Comments
\$14,361.36	933	4223	602	Water
\$15,479.74	833	4223	604	Sewer
\$39,142.14	8911	4223	505	Drainage - CIP
\$2,661.76	8910	4223	505	Streets - CIP
\$71,645.00	Total			

Agreement Review & Approvals

 8/19/16
 Project Manager Date
 8/19/16
 Compliance Specialist Date
 8/19/16
 City Attorney Date

 8-22-16
 Division Manager Date
 8-22-16
 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
8/22/16	SW	Y
		N
		N

**W. OMAHA STREET UTILITIES – SHEFFER STREET TO 12TH STREET
PROJECT NO. 16-2099 / CIP 50904 – AMENDMENT 1**

EXHIBIT A

**AMENDMENT #1 TO THE AGREEMENT BETWEEN THE CITY OF RAPID CITY AND
FERBER ENGINEERING COMPANY FOR DESIGN AND BIDDING PROFESSIONAL
SERVICES FOR W. OMAHA STREET UTILITIES – SHEFFER STREET TO 12TH STREET
PROJECT NO. 16-2099 / CIP 50904**

Note: The original contract name for this project was W. OMAHA STREET UTILITIES – SHEFFER STREET TO 12TH STREET with City PROJECT No. 16-2099 / CIP 50904. A subsequent project name was added for the City breakout project. West Omaha Drainage & Utility Improvements – Mountain View Road to 11th Street and assigned City PROJECT No. 15-2316 / CIP 50904.1. The original project name will be utilized for the utility improvement work to be completed in conjunction with the SDDOT reconstruction of W. Omaha Street under project P 0044(167)44 SD Highway 44 and PROJECT P0231(13)79 SD Highway 231.

This AMENDMENT #1 to Agreement for Professional Services has been agreed to on this _____ day of _____, 2016, by and between the City of Rapid City, South Dakota, hereinafter called the CITY, and Ferber Engineering Company, a South Dakota Corporation, hereinafter called CONSULTANT.

WHEREAS, the CITY and CONSULTANT have previously entered into an agreement for professional services for the PROJECT identified as W. OMAHA STREET UTILITIES – SHEFFER STREET TO 12TH STREET with City PROJECT No. 16-2099 / CIP 50904; and,

WHEREAS, the original Agreement included four (4) separate biddable projects which, during completion of design, was modified to include only two (2) separate biddable projects, including a non-participating project in conjunction with the SDDOT reconstruction project; and,

WHEREAS, the CONSULTANT was requested to perform additional analyses and adjustments during design and requested to make significant modifications to the 95%-design level plans based upon City-requested proposed utility relocations and SDDOT-City negotiations; including, but not limited to:

12th Street Outfall:

The original scope of work included *preliminary* design of the 11th Street and 12th Street Outfalls between Rapid Creek and Quincy Street south of Saint Joseph Street. The preliminary design was to be based upon the concepts outlined in the *West Boulevard Sewer Reconstruction – Volume 2 Drainage Evaluation* completed by FEC in 2011 under City Project SS08-1728 / CIP 50422. The original scope of work included final design of the 11th Street portion of the outfall from Rapid Creek to the south side of Omaha Street and the 12th Street portion of the outfall from the north side of West Omaha Street to the south side of West Omaha Street. 95% plans and specifications were developed based upon subsequent discussions with City Staff to complete the 11th Street outfall from Rapid Creek to West Main Street and exclude modifications in 12th Street.

The City-requested modifications also included final design and plans development for the 12th Street Outfall reconfigured to convey the originally anticipated combined flow for 11th and 12th Street Outfalls. The modifications

**W. OMAHA STREET UTILITIES – SHEFFER STREET TO 12TH STREET
PROJECT NO. 16-2099 / CIP 50904 – AMENDMENT 1**

require additional field survey, detailed design of the 12th Street Outfall and associated water main and sanitary sewer main, plans development for the 12th Street Outfall construction, traffic control and erosion control plan revisions, etc.

Effort for the services is quantified in Task 2.21 in Exhibit B – Amendment #1.

11th Street Outfall:

Following completion of City review of the 95% plans and specifications, the City requested modifications to the 11th Street project to scale back the limit of reconstruction to include only sanitary sewer main and water main south of the West Rapid Street intersection and storm sewer modifications north of West Omaha Street to include the construction of the proposed 11th Street stormwater quality facility and redirect the existing 11th Street Outfall into the new stormwater quality facility.

Plans modifications include revised traffic control and erosion control, water and sanitary sewer plan and profile, surfacing plans, etc.

Effort for the services is quantified in Task 2.22 in Exhibit B – Amendment #1.

Kno Place:

The original agreement included the preliminary design of City water and sanitary sewer facilities in Kno Place and Sum Place to eliminate the existing noncompliant and nonconforming water and sanitary sewer services. No final design of utilities in either street was included in the original agreement. During design of 11th Street, the addition of Kno Place utilities became a necessity due to issues with the City water main and the lack of access due to the location of the main (under the building). Final design includes the extension of City water main and sanitary sewer main in Kno Place to eliminate nonconforming sanitary sewer and water services and allow the City to abandon a non-accessible water main.

Plans modifications include revised traffic control and erosion control, water and sanitary sewer plan and profile, surfacing plans, etc.

Effort for the services is quantified in Task 2.23 in Exhibit B – Amendment #1.

W. Rapid Street, Canal Street and Oshkosh Street Utility Reconstruction:

Upon 95% Review, the City requested that the proposed sanitary sewer main in Canal Street be moved outside of the pavement section.

Plans modifications included revisions to erosion and sediment control, sanitary sewer plan and profile, surfacing plans, etc.

Effort for the services is quantified in Task 2.24 in Exhibit B – Amendment #1.

**W. OMAHA STREET UTILITIES – SHEFFER STREET TO 12TH STREET
PROJECT NO. 16-2099 / CIP 50904 – AMENDMENT 1**

Disc Golf Stormwater Quality Facility and Outfall:

The intent of the original agreement was for preliminary and final design of the stormwater quality facilities and regional drainage facilities associated with Element 306 of the Jackson Boulevard Drainage Basin Design Plan. During completion of design, at the request of the City, FEC investigated seven W. Omaha Street crossing alternatives, including hydraulic analysis and costs, to accommodate the West Main Street/Jackson Boulevard intersection and the anticipated SDDOT modifications to the W. Omaha Street layout and profile. The additional outfall investigations resulted in five technical memorandums in addition to the Preliminary Design report. The outcome of all of the additional analyses is slight modification to the proposed facilities outlined in the Preliminary Design Report.

Effort for the services is quantified in Task 2.25 in Exhibit B – Amendment #1.

12th Street Preliminary Design (Saint Joseph Street through Quincy Street):

At the request of the City following the 95% plans review, FEC was requested to complete preliminary design of 12th Street from Saint Joseph Street through the Quincy Street intersection, Kansas City Street from 11th Street to West Street and Quincy Street from 11th Street to West Street. The preliminary design will focus on the horizontal and vertical layout of the future street sections to accommodate the proposed flow modifications outlined in the West Boulevard Sewer Reconstruction – Volume 2 Drainage Evaluation completed by FEC in 2011 under City Project SS08-1728 / CIP 50422.

Completion of this added task will require limited topographic survey within the various street rights-of-way, and will include collection of surface elements only, such as sidewalk, curb and gutter and miscellaneous topography. Topographic survey will not include utility locates. The deliverables will include preliminary plan and profile sheets, typical section and a brief narrative of the design. The deliverables will be included in the appendices of the W. Omaha Street Design Report.

Effort for the services is quantified in Task 2.26 in Exhibit B – Amendment #1.

WHEREAS, the SDDOT revised the construction year of the P 0044(167)44 SD Highway 44 and PROJECT P0231(13)79 SD Highway 231 project from 2016 to 2018 and the SDDOT plans have not been completed, FEC proposes to negotiate another amendment with City, at such time that the SDDOT plans are completed, to make final modifications to the plans and specifications for the City utilities that must be constructed in conjunction with the SDDOT project.

NOW, THEREFORE, CITY and CONSULTANT in consideration of the facts herein contained, do hereby agree that the AGREEMENT FOR PROFESSIONAL SERVICES, made and entered into on March 4, 2014, shall be amended as follows:

SECTION 5 PAYMENTS TO THE ENGINEER shall be modified to increase the maximum amount of the fee for services by \$71,645 to a total of \$479,250, in accordance with Exhibit C of the original agreement. Additional fee in current year dollars to be negotiated upon the SDDOT

**W. OMAHA STREET UTILITIES – SHEFFER STREET TO 12TH STREET
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completion of the plans for P0044(167)44 SD Highway 44 and PROJECT P0231(13)79 SD Highway 231.

SECTION 6 COMPLETION OF SERVICES shall be modified to extend the contract completion date to December 31, 2019, to be inclusive of the anticipated bid date of the SDDOT P0044(167)44 SD Highway 44 and PROJECT P0231(13)79 SD Highway 231.

The additional and modified services in this AMENDMENT #1 have been/will be performed in accordance with the Terms and Conditions of the AGREEMENT FOR PROFESSIONAL SERVICES dated March 4, 2014.

In WITNESS WHEREOF, the parties hereto have made and executed this AMENDMENT #1 TO AGREEMENT FOR PROFESSIONAL SERVICES as of the date and year first above written.

CITY OF RAPID CITY

CONSULTANT

MAYOR

FERBER ENGINEERING COMPANY, INC.

DATE:

DATE:

ATTEST:

FINANCE OFFICER

Reviewed By:

Michelle Schweitzer, PROJECT MANAGER

DATE:

**WEST OMAHA STREET UTILITIES - SHEFFER STREET TO 12TH STREET
PROJECT NO. 16-2099 / CIP 50904**

EXHIBIT B - AMENDMENT #1

Subtask #	Description	Subtask Total
1.1	<i>Kickoff Conference and Project Startup</i>	\$0.00
1.2	<i>Gather/Review Background Information</i>	\$0.00
1.3	<i>Property Owner Questionnaire</i>	\$0.00
1.4	<i>Topographic and Legal Survey</i>	\$0.00
1.5	<i>Geotechnical Investigation</i>	\$0.00
1.6	<i>Electrical Design and Evaluation of Omaha Street Lighting Plans</i>	\$0.00
1.7	<i>Landscape and Irrigation Design of Omaha Street median and SWQs</i>	\$0.00
1.8	<i>Preliminary Design Investigation for Project 1 through 4</i>	\$0.00
1.9	<i>Project Design Report for Overall Project</i>	\$0.00
1.10	<i>Preliminary Plan and Profiles for Projects 1 through 4</i>	\$0.00
1.11	<i>Sum Place/Kno Place report prep (included in other subtasks)</i>	\$0.00
1.12	<i>Preliminary Opinions of Probable Construction Costs</i>	\$0.00
1.13	<i>Review existing and recommended CIP budgets</i>	\$0.00
1.14	<i>Preliminary identification of probable temp and permanent easements</i>	\$0.00
1.15	<i>Attend interim project meetings and submittal review meeting</i>	\$0.00
1.16	<i>Corrosion Protection Specification Review for City, Consultants, Contractors</i>	\$0.00
TASK 1 TOTAL		\$0.00
2.1	<i>Finalize Project Design Report</i>	\$0.00
2.2	<i>Individual Affected Property Owners Meetings</i>	\$0.00
2.3	<i>Easement/ROW Preparation and Acquisition</i>	\$0.00
2.4	<i>Utility Company Coordination</i>	\$0.00
2.5	<i>Coordinate with SDDOT and City (included in other subtasks)</i>	\$0.00
2.6	<i>Prepare Project Plans and Specifications</i>	\$0.00
2.7	<i>Prepare Project Sequencing Plans</i>	\$0.00
2.8	<i>Prepare Design and/or Specification Exceptions</i>	\$0.00
2.9	<i>Determine Removal Limits (included in other subtasks)</i>	\$0.00
2.10	<i>Prepare Full Erosion and Sediment Control Plans</i>	\$0.00
2.11	<i>Prepare Detailed Specifications</i>	\$0.00
2.12	<i>Prepare/Identify Permit Applications and Exhibits</i>	\$0.00
2.13	<i>Identify Contractor Req'd Permits (included in other subtasks)</i>	\$0.00
2.14	<i>Final Opinions of Probable Construction Costs</i>	\$0.00
2.15	<i>Final Design Services Submittals (included in other subtasks)</i>	\$0.00
2.16	<i>Address 100% Staff Comments</i>	\$0.00
2.17	<i>Construction Plans and Specifications Submittal</i>	\$0.00
2.18	<i>Drawing and Specification Certification (included in other subtasks)</i>	\$0.00
2.19	<i>Public Open Houses for Projects 1 - 3</i>	\$0.00
2.20	<i>Plans Submittals to SDDENR (included in other subtasks)</i>	\$0.00
2.21	<i>12th Street Outfall Final Design</i>	\$24,930.00
2.22	<i>11th Street Outfall Final Design</i>	\$5,900.00
2.23	<i>Kno Place Final Design</i>	\$4,710.00
2.24	<i>W. Rapid Street, Canal Street and Oshkosh Street Utility Reconstruction</i>	\$5,270.00
2.25	<i>Disc Golf Stormwater Quality Facility and Outfall Final Design</i>	\$18,745.00
2.26	<i>12th Street Preliminary Design (Saint Joseph Street through Quincy Street)</i>	\$12,090.00
TASK 2 TOTAL		\$71,645.00
3.1	<i>Assist City Project Manager with Advertising Authority</i>	\$0.00
3.2	<i>Arrange and Attend Pre-bid Conferences</i>	\$0.00
3.3	<i>Issue Addenda as Necessary</i>	\$0.00
3.4	<i>Review Bidder's Proposal, Bid Tab and Award Summaries</i>	\$0.00
3.5	<i>Review Construction Contract Documents</i>	\$0.00
TASK 3 TOTAL		\$0.00
CONTRACT TOTAL FOR TASKS 1 - 3		\$71,645.00



**Ferber
Engineering
Company, Inc.**

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

Exhibit B
7/28/2016
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