



Public Works Utility Operations

DATE: March 12, 2024

FROM: Michelle Klose, Director Public Works Utilities

ITEM: Amendment No.4 to Stantec License & Maintenance Agreement for Use of FAMS-XL

REQUEST:

Approval of Amendment No. 4 to Stantec License & Maintenance Agreement for use of FAMS-XL.

BACKGROUND INFORMATION:

Amendment No. 4 addresses collection of historical consumption data, analyzing varying peaking factors, and development of scenarios which is beyond what was identified in the scope of the services outlined in the License & Maintenance Agreement. The amount of \$9760.00 addresses the changes as requested by the City.

RECOMMENDED CITY COMMISSION ACTION:

Approve Amendment No. 4 in the amount of \$9760.00 to the Stantec License & Maintenance Agreement for the Use of FAMS-XL.

STAFF CONTACT INFORMATION:

Amber Araujo, Executive Assistant, 701-355-1739, aaraujo@bismarcknd.gov

ATTACHMENTS:

1. Amendment 4 to LMAgreement



PROFESSIONAL SERVICES AGREEMENT AMENDMENT #4

Amendment # 4 Date 27 February 2024

"Stantec" Stantec Consulting Services Inc.
Stantec Project # 224801917
777 S Harbour Island Boulevard, Suite 600
Ph: (813) 269-6011
email: danica.katz@stantec.com

"Client" City of Bismarck, ND
Client Project #
ATTN: Michelle Klose, Director of Utility Operations
601 South 26th Street
Ph: (701) 355-1704
email: mklose@bismarcknd.gov

Project Name and Location: Amendment #4 to License & Maintenance Agreement for Use of FAMS-XL

In accordance with the original Professional Services Agreement dated 14 February 2019 and Amendments thereto, the Agreement changes as detailed below are hereby authorized.

Amendment #4 includes work requested by the City, but not identified in the scope of services outlined in the previous amendments. Below are the additional tasks within this amendment:

- Collect historical consumption data (FY 2016-2023) and analyze billing records for usage profiles/patterns on annual and monthly basis by AMI meter for 11 South Central meters.
• Utilize daily and hourly AMI data for re-calculation of daily and hourly peaking factors of identified meter groupings for FY 2020-2022.
• Update cost of service for development of rate scenarios with identified meter groupings and updated peaking factors for FY 2021.
• Prepare summary presentation of updated South Central usage profiles/patterns and peaking factor findings with updated rate scenarios.
• 2 virtual meetings with City staff & 1 virtual meeting with South Central to review findings and presentation deliverables.

Table with 2 columns: Description and Amount. Rows include Total fees this Amendment (\$9,760.00), Original agreement amount (\$89,700.00), Amendment Number 2 (\$12,900.00), Amendment Number 3 (\$2,901.00), Amendment Number (blank), and Amendment Number (blank). Total Agreement is \$115,261.00.

Effect on Schedule: The meeting will be held and analysis delivered at an agreed upon schedule with the City.
Payments shall be made in accordance with the original agreement terms. All other items and conditions of the original Agreement shall remain in full force and effect.

Stantec Consulting Services Inc.**City of Bismarck, ND**_____
Print Name and Title_____
Print Name and Title

Signature

Signature

Date Signed:

Date Signed:

Amendment #4 - Detailed Project Work Plan & Scope of Services

Project Tasks	Estimated Labor-Hours		Total Project
	PM	Data Scientist	
	Katz	Prince	
	Resources → Hourly Rates →	\$190 \$200	
Task 1 Additional South Central Peaking Factor & Rate Scenario Analysis			
1.1 South Central Monthly Consumption Data Analysis			
Collect historical consumption data (FY 2016-2023) for 11 South Central AMI meters.	1		1
Review and analyze billing consumption records for usage profiles/patterns on an annual and monthly basis for FY 2016-2023.	3		3
1.2 AMI Data & Peaking Factor Analysis			
Data collection of historical (FY 2016-2023) daily and hourly reads for 11 South Central AMI meters.	2	4	6
Analyze updated AMI data for FY 2020-2022 max day and max hour factors. Compare to initial COS results from March study.		16	16
Updated calculations of max day and max hour factors for identified groupings (3 large meters & and 9 smaller meters) for FY 2021 & FY 2022.	4	4	8
1.3 Rate Scenarios			
Calculate updated uniform rate for South Central utilizing FY 2022 billing and AMI datasets. Compare to initial COS results from March.	2		2
For FY 2021, calculate two updated uniform rate scenarios for South Central for identified groupings (3 large meters & and 9 smaller meters) for comparison to initial rate results.	2		2
1.4 Presentations & Documentation			
Prepare summary presentation of South Central usage profiles/patterns and peaking factor analysis with updated rate scenarios.	8		8
Documentation of findings via email summary and final presentation slides.			
1.5 Meetings			
Two (2) virtual meetings with City staff to review South Central presentation and make adjustments, as necessary.	1	1	2
One (1) virtual meeting with City and South Central to support review of peaking factor analysis findings and unit rates.	1	1	2
Total Estimated Labor Hours	24	26	50
Total Estimated Fee	\$4,560	\$5,200	\$9,760
Total Fee			\$9,760