

**ADDENDUM NO. 1
TO ON-CALL AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES NO. 2022-030**

AMI SYSTEM REVIEW

THIS ADDENDUM NO. 1 TO ON-CALL AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES NO. 2022-030 is made and entered into this_____day of _____, 2024, by and between the City of Lee's Summit, Missouri (hereinafter "City"), and Burns & McDonnell Engineering Company, Inc. (hereinafter "Engineer").

WITNESSETH:

WHEREAS, City and Engineer entered into an Agreement dated January 30, 2023 (RFQ No. 2022-030) for professional engineering services for On-Call Professional Engineering Services (hereinafter "Base Agreement"); and,

WHEREAS, City desires to engage Engineer for a specific scope of engineering services which are covered by the Base Agreement; and,

WHEREAS, Engineer has submitted a proposal for the engineering services and an estimate of engineering costs to perform said services in compliance with the Base Agreement; and,

WHEREAS, the City Manager is authorized and empowered by City to execute contracts providing for professional engineering services.

NOW, THEREFORE, in consideration of the mutual covenants and considerations herein contained, **IT IS HEREBY AGREED** by the parties hereto as follows:

**ARTICLE I
SCOPE OF ON-CALL SERVICES TO BE PROVIDED BY THE ENGINEER**

Pursuant to Article I of the Base Agreement, Engineer is hereby engaged to provide the following scope of services:

Additional services related to providing a review of AMI, Compatibility, Integration and Performance with respect to the Lee's Summit Water System. Provide a Cost/Benefit Review and a Technical Memorandum for the deliverables.

The full scope of services includes the tasks listed in Exhibit A, attached hereto and incorporated herein by reference.

**ARTICLE II
COMPENSATION FOR SCOPE OF SERVICES**

Payment to the Engineer for the services identified herein shall not exceed \$120,483.00, pursuant to the rates set forth in Exhibit A to the Base Agreement and as listed on Exhibit B, attached hereto and incorporated herein by reference.

**ARTICLE III
TERMS OF BASE AGREEMENT TO APPLY**

All terms of the Base Agreement shall remain in full force and effect and shall apply to this Addendum No. 1.

This Addendum No. 1 shall be binding on the parties thereto only after it has been duly executed and approved by City and Engineer.

IN WITNESS WHEREOF, the parties have caused this Modification to On-Call Agreement to be executed on the _____ day of _____, 2024.

CITY OF LEE'S SUMMIT

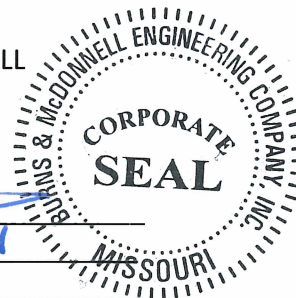
MARK DUNNING, CITY MANAGER

APPROVED AS TO FORM:

SCOTT ISON
CHIEF COUNSEL OF INFRASTRUCTURE AND RECREATION

**ENGINEER: BURNS & MCDONNELL
ENGINEERING COMPANY, INC.**

BY: [Signature]
TITLE: VICE PRESIDENT



Attest:

[Signature]
Assistant Secretary

Exhibit A
On-Call Agreement for Professional Engineering Services for Water and Sanitary Sewer
RFQ No. 2022-030

City of Lee's Summit, Missouri
AMI System Review

The following is our understanding of the Automated Metering Infrastructure (AMI) System Review Scope of Services provided by Burns & McDonnell Engineering Company, Inc., hereinafter called Engineer, for the City of Lee's Summit, Missouri, hereinafter called the City.

Scope of Services:

1. Project Management:
 - a. Conduct a project kickoff meeting with the City to include project goals, scope, schedule, required data, field testing plan, proposed analysis scenarios and planning, and other pertinent items.
 - b. Prepare a list of required information for the City to provide to the Engineer and project impact.
 - c. Provide project management and quality-assurance/quality-control through the duration of the project. Conduct biweekly meetings after the project kickoff meeting throughout the project; Engineer will notify City when biweekly meetings are unnecessary and stopped for extended periods of time.
2. Compatibility
 - a. Evaluate systems that are compatible with the Itron system that have been deployed including 100W ERTs, Badger and Sensus meters.
 - b. Evaluate the suitability of the 100W ERT and potential impacts to the return on investment made by the City.
 - c. Review which systems, compatible with the Itron system, can read manual reads for either routes or individual meters and determine if special equipment is required for manual read collection. Evaluate data collection device options such as an iPad or iPhone.
3. Integration
 - a. Review systems that are compatible with AUS – CIS Infinity V4 for import and export of meter reading files.
 - b. Determine the system storage requirements.
 - c. Determine if there are systems with a customer facing portal for displaying consumption data.
 - d. Determine if there are systems with integration capability for a payment portal that also works with AUS – CIS Infinity V4 that enables customers to navigate to one site for utility billing engagements.
4. Performance and Reliability of Read Collection
 - a. Determine which systems provide better performance with the collection of reads to minimize manually keyed entries.

- b. Evaluate and recommend appropriate read collection intervals (i.e. 15 minutes, 1-hour, 24-hours) and determine the lifecycle of the batteries based on best practices.
 - c. Determine which systems can collect the interval reads through data logging or other method to reduce battery degradation.
 - d. Beyond the battery lifecycles, determine if other systems have lifecycle costs that should be considered.
 - e. Determine which systems are cloud based versus client based and evaluate advantages and disadvantages of those systems.
 - f. Recommend methods for meter read collection (i.e. drive-by, power poles, water towers, drones, cellular, etc.)
 - i. Determine what factors should be considered in recommending a desirable collection method (i.e. topography, airspace limits, etc.)
 - g. Review which systems may have other features available such as meter shut-off/on valve actuators, water loss detection, etc.
 - h. Determine which systems can provide a method for read collection and location identification for rental hydrant meters.
 - i. Determine which systems have reports for unresponsive meter reads and review the processes that are utilized for the collection of unresponsive ERTS.
 - j. Determine if any systems have customizable features available to notify consumption levels.
5. Personnel
- a. Recommend potential staffing changes the City may need to make with the implementation of AMI.
 - b. Make recommendations, based on discussions with the City, on the necessity of additional training to troubleshoot field issues. Determine which systems provide training.
6. Cost / Benefit
- a. Determine which system has the potential to provide better return on investment based on the City's current state and transition to full AMI implementation.
 - b. Review the triple-bottom line analysis for potential systems.
 - c. Recommend circumstances or procedures for phasing AMI implementation.
7. Prepare draft technical memorandum and deliver electronic copy to City for review. Acknowledge City's comments on the draft technical memorandum and prepare two hard copies and an electronic copy of the final technical memorandum.

Schedule

Engineer will proceed with providing the services set forth herein within 14 calendar days of executing this Agreement. The draft technical memorandum will be issued within 120 days of receipt of information requested in the Responsibilities of City in the following paragraph.

Responsibilities of City:

1. Attend project kickoff meeting and other meetings indicated in the Scope of Services.
2. Respond to Engineer's requests for information in a timely manner.
3. Review the draft report.

Assumptions:

1. This work will be done remotely, and no on-site is authorized or included in the scope.
2. US vendors will be considered when looking for solutions.
3. Vendor viability and financials are not included in the scope.
4. Item costing (e.g., cost of a single device), system costing including installation and other aspects are out of scope.

Exhibit B
Schedule of Professional Service Billing Rates
Hourly Professional Service Billing Rates

Position Classification	Classification Level	Hourly Billing Rate
General Office *	5	\$73.00
Technician *	6	\$92.00
Assistant *	7	\$112.00
	8	\$153.00
	9	\$182.00
Staff *	10	\$209.00
	11	\$228.00
Senior	12	\$256.00
	13	\$280.00
Associate	14	\$289.00
	15	\$291.00
	16	\$293.00
	17	\$295.00

Unit Cost Rates

<u>Description</u>	<u>Unit Cost</u>
Flow Meter Installation	\$500.00/each
Rain Gauge Installation	\$300.00/each
Flow Monitoring (minimum 5 meters)	\$60.00/meter-day (90-day base)
	\$65.00/meter-day (60-day base)
Rain Gauge Monitoring	\$15.00/gauge-day

NOTES:

- Position classifications listed above refer to the firm's internal classification system for employee compensation. For example, "Associate", "Senior", etc., refer to such positions as "Associate Engineer", "Senior Architect", etc.
- For any nonexempt personnel in positions marked with an asterisk (*), overtime will be billed at 1.5 times the hourly labor billing rates shown.
- Project time spent by corporate officers will be billed at the Level 17 rate plus 25 percent.
- A charge will be applied at a rate of \$9.95 per labor hour for technology usage, software, hardware, printing & reprographics, shipping and telecommunications. Specialty items are not included in the technology charge.
- Monthly invoices will be submitted for payment covering services and expenses during the preceding month. Invoices are due upon receipt. A late payment charge of 1.5% per month will be added to all amounts not paid within 30 days of the invoice date.
- The services of contract/agency and/or any personnel of a Burns & McDonnell subsidiary or affiliate shall be billed to Owner according to the rate sheet as if such personnel is a direct employee of Burns & McDonnell.
- The rates shown above are effective for services through December 31, 2023, and are subject to revision thereafter.