



City of Denton

City Hall
215 E. McKinney Street
Denton, Texas
www.cityofdenton.com

AGENDA INFORMATION SHEET

DEPARTMENT: Procurement
ACM: Cassey Ogden
DATE: November 19, 2024

SUBJECT

Consider adoption of an ordinance of the City of Denton, a Texas home-rule municipal corporation, authorizing the City Manager to execute a Professional Services Agreement with Burns & McDonnell Engineering Company, Inc., to provide project support services and Maximo support specialists for Denton Municipal Electric as set forth in the contract; providing for the expenditure of funds therefor; and providing an effective date (RFQ 7804-015 – Professional Services Agreement for support services awarded to Burns & McDonnell Engineering Company, Inc., in the not-to-exceed amount of \$434,596.00).

STRATEGIC ALIGNMENT

This action supports Key Focus Area: Enhance Infrastructure and Mobility.

INFORMATION/BACKGROUND

Denton Municipal Electric (DME) began implementing IBM Maximo last year to optimize workflow management strategies and improve operational efficiency. Maximo enables DME to make informed, data-driven decisions through the use of a unified system, effectively streamlining resource allocation, optimizing maintenance scheduling and costs, and reducing downtime. Additionally, the utilization of this workflow management system is scalable and customizable. However, due to this system's complexity and configurational needs, a Senior Solution Architect is necessary to assist in providing technical oversight and project support services to ensure Maximo is tailored to our specific operational needs. As such, it is essential to leverage Burns & McDonnell Engineering Company, Inc., (B&M) for their current knowledge and technical expertise to help manage DME's new IBM Maximo workflow management system and ensure that it is completed efficiently, effectively, and following all applicable requirements.

The Maximo Solution Architect (SA) will work closely with, and at the direction of DME's Technology Operations Group to organize the development effort and deliver technical solutions that satisfy the project's business objectives. The SA will:

- Assist with critical and prioritization of backlog.
- Develop solutions for assigned defects and enhancements.
- Thoroughly test fixes & enhancements in lower environments prior to migrating to production.
- Update technical documents to reflect fixes.
- Review project technical requirements to verify that they can be implemented as they relate to the project.

- Communicate issues related to architecture, design, and technical implementation to the Lead Architect and the Project Manager.
- Review detailed technical and deployment specifications provided by the Client and/or System Implementation partner.
- Provide technical guidance to team members.
- Coordinate with other project and technical leads to verify that cross-project technical and solution dependencies and impacts are identified and managed appropriately.
- Implement QA best practices and standards, ensuring the quality and integrity of the Maximo system through rigorous testing and validation procedures.

DME has selected B&M under the Pre-Qualified Engineering Firms RFQ 7804-015 to work as a Maximo Specialist, providing Senior Solution Architecture (SA) services. After evaluating proposals from several pre-qualified firms, B&M was selected due to their expertise in the specific version of IBM Maximo that DME operates. B&M demonstrated a deep understanding of our current system's configuration needs and presented a tailored approach to meet DME's goals. Additionally, their proven track record with similar projects and comprehensive support model positions them as the best fit to help DME successfully continue the Maximo project.

Request for Qualifications for professional engineering services for Denton Municipal Electric was solicited using the City's formal solicitation process. City Council approved a pre-qualified list of engineering firms on December 14, 2021.

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

On December 14, 2021, City Council approved RFQ 7804 for a prequalified list of professional engineering services for Denton Municipal Electric (Ordinance 21-2687).

On November 18, 2024, this item will be presented to the Public Utilities Board (PUB) for consideration.

RECOMMENDATION

Award a contract to Burns & McDonnell Engineering Company, Inc., to provide project support services and Maximo support specialists for Denton Municipal Electric, in the not-to-exceed amount of \$434,596.

PRINCIPAL PLACE OF BUSINESS

Burns & McDonnell Engineering Company, Inc.
Fort Worth, TX

ESTIMATED SCHEDULE OF PROJECT

This project will be started upon approval with a completion date by October 31, 2025.

FISCAL INFORMATION

These services will be funded from DME Work Management System account 605267500. Requisition # 167095 has been entered into the Purchasing software system in the amount of \$434,596. The budgeted amount for this item is \$434,596.

EXHIBITS

Exhibit 1: Agenda Information Sheet

Exhibit 2: Ordinance and Contract

Respectfully submitted:
Lori Hewell, 940-349-7100
Purchasing Manager

For information concerning this acquisition, contact: Jerry Looper, 940-349-7676.

Legal point of contact: Marcella Lunn at 940-349-8333.