



# CITY OF MCKINNEY, TEXAS

## Legislation Text

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**File #:** 21-0113, **Version:** 1

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Consider/Discuss/Act on a Resolution Approving Qualified Firms to Provide Professional Engineering Services for Traffic Engineering

**COUNCIL GOAL:** Operational Excellence  
(2B: Balance available resources to accommodate the growth and maintenance needs of the city)

**MEETING DATE:** February 2, 2021

**DEPARTMENT:** Development Services / Engineering  
Purchasing

**CONTACT:** Thuan Huynh, P.E., Transportation Engineering Manager  
Gary Graham, P.E., PTOE, Director of Engineering

**RECOMMENDED CITY COUNCIL ACTION:**

- Approval of Resolution.

**ITEM SUMMARY:**

- This Resolution approves a list of qualified firms to provide professional engineering services for traffic engineering.

**BACKGROUND INFORMATION:**

- The City of McKinney utilizes consultants to provide professional engineering services for traffic engineering design and analysis.
- These services typically include design and/or analysis for traffic signals, traffic signal timing, roundabouts, roadway illumination, intelligent transportation systems (ITS), and various traffic studies.
- The City of McKinney issued a request for qualifications (21-19RFQ) for professional engineering services for traffic engineering in November 2020.
- Twenty-eight (28) professional engineering firms submitted statements of qualification in response to the RFQ.
- A committee of four staff members from the Engineering department reviewed and ranked the statements of qualifications based on the following criteria:
  - Past Experience of Firm and Team Members on Comparable Projects
  - Qualification of Firm and Project Team Members

- Project Approach for Each Category
- Quality Assurance / Quality Control (QA/QC)
- Past Project Record with City of McKinney
- Responsiveness of Qualifications
- Firm Office Location within City of McKinney limits
- Of the twenty-eight (28) firms that submitted statements of qualification, ten (10) firms were determined to be the most qualified by the review committee for the following work categories:
  - Traffic Signal Timing
    - Kimley-Horn & Associates, Inc.
    - BGE, Inc.
    - Lee Engineering, LLC
    - WSB & Associates, Inc.
  - Traffic Signal Design
    - Kimley-Horn & Associates, Inc.
    - Halff Associates, Inc.
    - WSB & Associates, Inc.
  - Roundabout Design Services
    - Kimley-Horn & Associates, Inc.
    - Teague Nall and Perkins, Inc.
    - BGE, Inc.
  - Intelligent Transportation Systems (ITS) Design
    - Kimley-Horn & Associates, Inc.
    - Iteris, Inc.
    - Halff Associates, Inc.
  - Traffic Studies
    - Kimley-Horn & Associates, Inc.
    - Lee Engineering, LLC
    - Maldonado-Burkett Intelligent Transportation Systems, LLP
    - WSB & Associates, Inc.
    - HDR Engineering, Inc.
    - Pacheco Koch Consulting Engineers, Inc.
- When professional engineering services are required for a specific project, staff members from the Engineering department will interview one or more firms from this list to determine the most qualified firm for that specific project.
- A fee proposal will be negotiated with the most qualified firm in accordance with the professional services procedures provided by the approved City of McKinney Purchasing Policy.
- The firms listed herein will remain pre-qualified for traffic engineering services for a period of at least three (3) years.

#### **FINANCIAL SUMMARY:**

- Funding for individual contracts will be allocated through the City's operating budget or the Capital Improvement Program budget.
- Contracts for traffic engineering services will be prepared and executed in accordance with the

City of McKinney Purchasing Policy.

- Contracts in excess of \$100,000 will be authorized by City Council.

**BOARD OR COMMISSION RECOMMENDATION:**

- N/A