



21-0113

TITLE: 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

SUPPORTING MATERIALS:

[Resolution](#)

[Scoring Summary](#)