



CITY OF MCKINNEY, TEXAS

Legislation Text

File #: 19-0590, **Version:** 1

Consider/Discuss/Act on a Resolution Authorizing the City Manager to Execute a Contract with Kimley-Horn and Associates, Inc. for Professional Engineering Design Services for the WA4339 - South Airport & Harry McKillop Water Mains Project and Any Necessary Supplemental Agreements

COUNCIL GOAL: Operational Excellence
(1A: Establish regional and infrastructure incentives to increase economic growth)

MEETING DATE: July 16, 2019

DEPARTMENT: Development Services / Engineering

CONTACT: Nick Ataie, PE, CIP Engineering Manager
Jason Horn, PE, CIP Project Manager

RECOMMENDED CITY COUNCIL ACTION:

- Approval of Resolution.

ITEM SUMMARY:

- This Resolution authorizes the City Manager to execute a contract in the amount of \$565,900 with Kimley-Horn and Associates, Inc. for professional engineering design services for the South Airport & Harry McKillop Water Mains project (WA4339), for a total aggregate contract amount, inclusive of any supplemental agreements, not to exceed \$650,000.

BACKGROUND INFORMATION:

- Per the Water Master Plan, a 24-inch water main generally along Airport Dr (Industrial Blvd to Harry McKillop Blvd/FM 546) & Harry McKillop Blvd (SH 5 to Airport Dr) are needed to deliver water in the City's 794 water pressure plane.
- Construction of these master planned water mains will support future development in the southwest quadrant of the Business & Aviation District.
- Kimley-Horn and Associates, Inc. submitted a response to RFQ 18-46 for On-call Utility Design Services. They were one of eleven firms shortlisted by City Council on October 2, 2018.
- Staff has negotiated a project proposal with Kimley-Horn and Associates, Inc. in the amount of \$565,900. Their scope includes the following elements:
 - Basic Services (Design Services & Bid Phase Services)
 - Special Services (Field Topographic Survey, Subsurface Utility Exploration, Franchise

Utility Coordination, Right-of-Way and Easement Documentation, Environmental Investigations, Geotechnical, Cathodic Protection, and Construction Administration Services)

- The preliminary opinion of probable construction cost (OPCC) is \$5,306,000.00.
- The fee for basic services is \$323,700 (6.1% of the OPCC) and the fee for special services is \$242,200 (4.6% of the OPCC).
- Staff is recommending a 15% design contingency for the project in the event that additional design services are deemed necessary at a later date.
- Design of this project, including required easement acquisition, is anticipated to take 12 months to complete. Construction is anticipated to begin as early as September 2020 and to be completed by September 2021.

FINANCIAL SUMMARY:

- The Resolution authorizes a contract with Kimley-Horn and Associates, Inc. for an amount not to exceed \$650,000.
- Funds are available in the Capital Improvements Program Project WA4339.
- With the approval of this item, \$2,650,000 will remain in WA4339.
- Remaining funding necessary to construct the project will be included in the proposed FY20 capital project budget for CIP project WA4339

BOARD OR COMMISSION RECOMMENDATION:

- N/A