



MEMORANDUM

To: Mayor and City Council

From: Jamie Brierton, Capital Program Administrator
Kent Collins, P.E., Director of Public Works

Date: August 11, 2020

Reference: Geotechnical Materials Testing Contract Award- Airline Drive Reconstruction TAX 2016 B

General Information:

- Airline Drive was originally constructed in the early 1980's
- Airline Drive reconstruction scope includes full pavement replacement, utility replacement/rehabilitation, landscaping enhancement, geometry improvements, and sidewalk construction
- McMahon Contracting, L.P base bid price is \$4,454,084.65 plus a potential incentive of \$300,000.00 for a total award of \$4,754,084.65
- Construction is anticipated to begin fall of 2020 with an estimated completion time of 13 months (400 calendar days)
- Materials testing services are required to ensure compliance with specifications

Introduction:

This agenda item is to consider approval of a contract with Kleinfelder, Inc. to provide materials engineering and testing services on the Airline Drive (Freeport to South Beltline) Reconstruction Tax 2016 B project ("Airline Project"), with a contract value of \$91,105.00.

Analysis:

The Airline Project limits begin at Freeport Parkway and end at South Beltline. Airline was originally constructed in the early 1980's. The roadway has been maintained over the years to extend the life beyond the typical design life of 20 years. A companion item is on this agenda to award the construction contract. This contract is an hourly fee-based contract and is therefore based upon the expected effort involved in materials testing during construction. The estimated fee associated with this contract is \$91,105.00. Any increase to the contract value or scope will require a contract amendment.

The basic scope of the Airline Project includes the following elements:

- Replacement of all existing pavement with an updated pavement section targeted at prolonging the life of the infrastructure
- Geometric enhancements to improve mobility and safety, including adding new sidewalks
- Replacement of the water and wastewater infrastructure to improve capacity and renew the lines to match the expected life of the new pavement
- Rehabilitation of the existing storm sewer system beneath the pavement based upon recent TV inspection and additional investigation to occur during construction

Kleinfelder was one of the firms that was placed on the City's approved consultant list following a request for statement of qualifications (SOQ) process completed earlier this year. The Kleinfelder team is familiar with the elements of this project as well as best practices to ensure proper testing of the materials utilized and placed during construction. The cost of the materials testing equates to 1.5% of the estimated construction cost.

Legal Review:

This is a standard contract form utilized on previous agreement with Kleinfelder. A Master Services Agreement is in place with Kleinfelder.

Fiscal Impact:

The fiscal impact of this contract approval is \$91,105.00 as budgeted in ¼-cent IMF.

Recommendation:

The Public Works Department recommends approval of this contract with Kleinfelder, Inc.