



17-068

TITLE: Consider/Discuss/Act on a Resolution Authorizing the City Manager to Execute a Contract with Lee Engineering for Professional Engineering Services for the Design of Traffic Signals at Four Locations and Modifications to One Existing Traffic Signal and Any Necessary Supplemental Agreements

COUNCIL GOAL: Direction for Strategic and Economic Growth

MEETING DATE: January 17, 2017

DEPARTMENT: Development Services / Engineering

CONTACT: Gary Graham, PE, PTOE CIP and Transportation Engineering Manager
Blake Sills, PE, Civil Engineer

RECOMMENDED CITY COUNCIL ACTION: Approve Resolution.

ITEM SUMMARY:

- This Resolution authorizes a contract with Lee Engineering to provide professional engineering services to design new traffic signals at the following locations:
 - Westridge Boulevard and Independence Boulevard
 - Custer Road and Silverado Trail
 - Ridge Road and Habersham Way
 - Hardin Boulevard and Winding Brook Drive
- The contract will also include modification to the signal design at Craig Ranch Parkway and SH 121. The design services will be completed for an amount not to exceed \$95,000.

BACKGROUND INFORMATION:

- Staff monitors traffic volumes at intersections throughout the City. The intersections identified have been determined to meet the requirements of traffic

signal warrants.

- Lee Engineering submitted a response to RFQ 14-31 for Traffic Engineering Services. They were one of five firms shortlisted by City Council on August 4, 2014.
- Lee Engineering submitted a proposal for this project in the amount of \$84,465. Their scope includes the following elements:
 - Design of four new traffic signals, modification to one existing traffic signal;
 - Preparation of a complete bid package, including plans, specifications, and contract documents;
 - Bid phase assistance to the City; and
 - Construction phase assistance to the City.
- The preliminary opinion of probable construction cost is \$1,100,000.
- The fee for basic services is \$58,445 (5.3% of the construction cost) and the fee for special services is \$26,020 (2.4% of the construction cost).
- Design of this project is anticipated to take four months to complete. Construction is anticipated to begin in June and will take about six months.

FINANCIAL SUMMARY:

- This Resolution authorizes a design contract and any necessary supplemental agreements with Lee Engineering for an amount not to exceed \$95,000.
- Funding for this project is available in TR1620 and TR1702; \$75,500 will be available in TR1620 and \$19,500 will be available in TR1702.
- With the approval of this item; \$874,500 will remain in project TR1620 and \$330,500 will remain in TR1702.

BOARD OR COMMISSION RECOMMENDATION: N/A

SUPPORTING MATERIALS:

[Resolution](#)
[Location Map](#)