



Text File

File Number: 16-0843

Agenda Date: 2/23/2016

Version: 1

Status: Draft

In Control: Public Works

File Type: Agenda Item

Title

Consider and take action on a resolution authorizing a Professional Services Agreement with Kimley-Horn and Associates for the Signal Timing Optimization - Multiple Corridors Project (TR1101) in an amount not to exceed \$199,000 (Deputy City Manager)

Background:

If approved, this resolution will authorize a Professional Services Agreement with Kimley-Horn and Associates for the Signal Timing Optimization - Multiple Corridors Project (TR 1101).

This project will provide a detailed study and recommend signal timing/coordinating adjustments to 40 traffic signals generally along the following corridors: FM 518; FM 646; FM 2094 and SH 96/League City Parkway. The engineering agreement provides for field investigation/signal operations review; traffic data collection; travel time runs and delay study; operational analyzes and timing generation; signal timing implementation and documentation.

Upon approval of the proposed cycle lengths and timing plans by city staff, Kimley-Horn will input the new timing plans into the signal controllers. After the new timing plans have been installed, Kimley-Horn will observe the actual operation of the new timing plans and recommend field adjustments to improve traffic operations. The final timings will be uploaded onto the City's laptop in the field when the timing implementation is complete. A hard copy of the final timings will also be placed in each cabinet for reference.

The anticipated results include reduced average delay, number of stops, total travel time and emissions. The study also considers pedestrian safety.

Agenda item 11G passed, on April 14, 2015, approved Kimley-Horn and Associates as one of the short listed professional service providers for traffic and transportation design services. Kimley Horn Associates was selected for their professional expertise with these type of projects.

Attachments:

1. Data Sheet
2. Resolution
3. Professional Services Agreement
4. Kimley-Horn and Associates Proposal

CONTRACT ORIGINATION: The Resolution and Professional Services Agreement have been reviewed and approved as to form by the City Attorney.

FUNDING

{ } NOT APPLICABLE

{X} Funding is available from the cancellation of the \$255,872 Telvent contract as part of ST1101 Five Corners Realignment. The Kimley Horn contract of \$199K will be funded from Misc. Capital Projects

Fund 075, account 075-6406-733-5305 TR1101 Traffic System Improvements

{ } Requires Budget Amendment to transfer from Account # _____ to Account # _____