



CITY OF COMMERCE AGENDA REPORT

TO: Honorable City Council

Item No. _____

FROM: City Manager

SUBJECT: Professional Services Agreement with Kimley-Horn and Associates, Inc. for Citywide Fiber Optic Interconnect Installation Project

MEETING DATE: December 9, 2025

RECOMMENDATION:

The City Council will consider:

1. Approving a professional services agreement with Kimley-Horn and Associates, Inc. for the design of the Citywide Fiber Optic Interconnect Installation Project, in the amount of \$451,973
2. Approving up to 10% for Contingencies in the amount of \$45,197
3. Approving up to 10% for Project Management in the amount of \$45,197
4. Authorize Transtech Engineers, Inc. to proceed with Project Management services pursuant to their existing on-call consultant services agreement.

BACKGROUND:

The City is considering upgrading the existing copper traffic signal interconnect system to a fiber optic interconnect system, connecting all 54 signalized intersections to the Traffic Management Center (TMC) and the Emergency Operations Center (EOC) at City Hall. The current copper system limits the City's ability to efficiently manage traffic signals, coordinate timing plans, and collect real-time traffic data.

The City has been awarded \$3,743,585 in DEMOSTL Federal funds for the construction phase of the Citywide Fiber Optic Interconnect Installation Project, which requires a local match of 11.47% of the total construction cost, totaling \$485,021. To access these funds, the project must be construction-ready, meaning the City must complete the Design Phase and prepare the PS&E and Environmental (CEQA/NEPA) package for construction advertisement using local funds.

This project will provide significant benefits, including enhanced traffic flow and safety, improved reliability, centralized signal control, and a future-ready communications infrastructure.

ANALYSIS:

On October 17, 2025, the City received the Proposal from Kimley-Horn and Associate, Inc.

(Kimley-Horn) one of the City’s on-call traffic and civil engineering consultants, previously selected through a competitive qualification-based process. The proposal was evaluated based on the quality, project understanding, approach, methodology, flexibility, and schedule efficiency.

Given Kimley-Horn’s extensive experience with traffic signal system design, fiber optic communications, and Intelligent Transportation Systems (ITS), they are uniquely qualified to perform this work. The firm has successfully completed similar fiber optic network design projects for nearby jurisdictions. Therefore, Staff recommends approval of the Professional Services Agreement with Kimley-Horn.

Kimley-Horn’s proposed scope includes the preparation of plans, specifications, and estimates (PS&E) for converting the City’s existing copper interconnect system to fiber optic communication. The work also covers field investigation, conduit verification, environmental documentation, Caltrans Local Assistance coordination, and funding authorization support to ensure federal compliance.

The following is a summary of the project cost:

Proposal Amount – Design Engineering Services	\$451,974
Contingencies (10%)	45,197
Project Management (10%)	45,197
Subtotal	\$542,368

ALTERNATIVES:

- 1. Approve staff recommendation
- 2. Disapprove staff recommendation
- 3. Provide further direction to staff

FISCAL IMPACT:

The total estimated cost for the design of the Citywide Fiber Optic Interconnect Installation Project, including project management and contingencies, is \$542,368. Measure AA Funds in the amount of \$542,368 are available from savings in other projects to fully cover this cost. No additional budget allocation is required at this time.

RELATIONSHIP TO STRATEGIC GOALS:

This agenda item relates to the 2016 Strategic Plan, Infrastructure and Facilities:

Guiding Principle 3: Maintain and prioritize improvements to city facilities and infrastructure in accordance with adopted master planning documents including the Green Zone Implementation Plan to accomplish achievable annual and long-term goals.

Approved by:	Shahid Abbas, Director of Public Works
Fiscal impact reviewed by:	Alvaro Castellon, Director of Finance
Approved as to form by:	Noel Tapia, City Attorney

Respectfully submitted: Ernie Hernandez, City Manager

ATTACHMENT:

1. Professional Services Agreement