



**DATE:** April 16, 2025

**TO:** Mayor and Members of the City Council

**FROM:** John R. Gillison, City Manager

**INITIATED BY:** Jason C. Welday, Director of Engineering Services/City Engineer  
Alberto Felix, Traffic Engineer  
Krystal Lai, Associate Engineer

**SUBJECT:** Consideration of a Contract With Elecnor Belco Electric, Inc., in the Amount of \$7,647,890, Plus a 10% Contingency for the Advanced Traffic Management System Phase II Project and Authorization of an Appropriation in the Amount of \$831,930. This Project is Exempt From the Requirements of the California Environmental Quality Act (CEQA) Pursuant to Government Code Section 15301 – Existing Facilities. (CITY)

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**RECOMMENDATION:**

Staff recommends the City Council:

1. Approve the plans and specifications for the Advanced Traffic Management System Phase II Project (Project), on file with the City Engineer;
2. Accept the bids received for the Project;
3. Award and authorize the execution of a contract in the amount of \$7,647,890; to the lowest responsive bidder, Elecnor Belco Electric, Inc., for the total bid amount;
4. Authorize the expenditure of a 10% contingency for the construction contract, in the amount of \$764,790; and
5. Authorize an appropriation of expenditures in the amount of \$831,930 from the Transportation Fund (124).

**BACKGROUND:**

On August 7, 2019, the City Council adopted the Traffic Signal Communications Master Plan to provide a framework for future design and implementation of a Citywide traffic signal communication network in a multi-year phased approach. Over the past six (6) years, the Engineering Services Department, Transportation staff have been working on the Advanced Traffic Management Systems (ATMS) Program to build out the City's ATMS to improve the City's traffic signal system and future deployment of Intelligent Transportation Systems (ITS).

On May 18, 2022, the City Council accepted the Phase I Project of the ATMS Program which included the integration of the traffic signals along Haven Avenue from 4th Street to Wilson

Avenue, Foothill Boulevard from Grove Avenue to East Avenue, and Vineyard Avenue from Foothill Boulevard to Red Hill Country Club Drive into the City's Traffic Management Center (TMC). The implementation of the Project improved signal timing and coordination which resulted in a reduction in average delay along Haven Avenue of up to 67%, and on Foothill Boulevard of up to 51%.

On November 1, 2023, the City Council awarded a professional services agreement for design and construction support services for the ATMS Phase II Project. Design work has been completed and the Project is ready to move into the construction phase.

**ANALYSIS:**

The ATMS Phase II Project will improve monitoring, timing, and coordination of the City's traffic signal system and includes connection of five (5) additional corridors to the City's TMC:

1. Milliken Avenue from 4th Street to Grizzly Drive;
2. 19th Street from Sapphire Street to Haven Avenue;
3. Arrow Route from Grove Avenue to East Avenue;
4. Rochester Avenue from Base Line Road to Vintage Drive; and
5. Day Creek Blvd from Base Line Road to Wilson Avenue.

The scope of work for the Project includes the installation of closed-circuit television (CCTV) cameras, video detection systems, fiber optic cable and conduit, communication networking equipment, and the integration of approximately 61 signals into the City's Traffic Management Center located at City Hall. The ATMS Phase II Project will improve monitoring, timing, and coordination of the City's traffic signal system and furthers the goals of the City's Traffic Signal Communications Master Plan.

The Notice Inviting Bids was released to the general contracting community and was published in the Daily Bulletin Newspaper on February 11, and February 18, 2025. The City Clerk's office facilitated the formal solicitation for bidding the Project.

On April 1, 2025, the City Clerk's office received three (3) construction bids. A full bid summary is included as Attachment 2. The Engineer's estimate for the Project was \$8,700,000. The apparent lowest bid, as determined to be Elecnor Belco Electric, Inc., is in the amount of \$7,647,890.

Engineering staff has reviewed all bids received and found all to be complete and in accordance with the bid requirements with any irregularities to be inconsequential. Staff has completed the required background investigation and finds the lowest responsive bidder Elecnor Belco Electric, Inc. meets the requirements of the bid documents.

**ENVIRONMENTAL:**

Staff has determined that the Project is Categorically Exempt per Section 15301 "Existing Facilities" subsection (c), Class 1 of the California Environmental Quality Act (CEQA).

**FISCAL IMPACT:**

Anticipated construction costs are estimated to be as follows:

| <b>Expenditure Category</b>             | <b>Amount</b> |
|---|---------------|
| Construction Contract                   | \$7,647,890   |
| Construction Contract Contingency (10%) | \$764,790     |

|   |                    |
|---|--------------------|
| Construction Inspection Services          | \$188,760          |
| Construction Inspection Contingency (10%) | \$18,880           |
| Bid Noticing Advertisement                | \$1,730            |
| <b>Estimated Construction Costs</b>       | <b>\$8,622,050</b> |

A total of \$9,087,000 was budgeted during the Annual Budget Process for Fiscal Year 2024/25 for the Project from the Transportation Fund (124), Fire Capital Projects Fund (288), Fiber Optic Network Fund (711), and the Federal Grants Fund (275).

In May 2025, the City awarded a construction contract for the Fiscal Year 2023/24 Major Arterials Pavement Rehabilitation Project for Milliken Avenue. The scope of this Project consisted of pavement rehabilitation, accessible curb ramp upgrades, and installation of traffic signal video detection. Due to the overlapping scope of work, a portion of the work for the ATMS Phase II Project was advanced with the Milliken Avenue Pavement Rehabilitation Project therefore, \$296,880 of the originally budgeted amount for ATMS Phase II was shifted and has already been expended under the Milliken Project.

In addition, a federal earmark in the amount of \$1,000,000 was expected to be ready and available for use on the ATMS Phase II Project, however due to extensive lead times to allocate the federal funding and the need to keep the Project moving forward, staff worked with federal representatives to allow for the shifting of the \$1,000,000 federal earmark to a future phase of the AMTS Program. Design work for ATMS Phase III is expected to begin in FY2025/26 with the construction of the project, estimated to be approximately \$5.5 million, slated for FY2026/27.

Following the advanced work, preconstruction expenses, and the shifting of the federal earmark to a future phase, the remaining budget available for the AMTS Phase II Project under the Capital Improvement Project account numbers is \$7,790,120 as outlined below:

| <b>Account No.</b>               | <b>Funding Source</b>       | <b>Description</b>   | <b>Amount</b>      |
|----------------------------------|-----------------------------|----------------------|--------------------|
| F124 CC303 SC7004<br>PID2004-124 | Transportation Fund (124)   | ATMS Phase 2 Project | \$7,628,380        |
| F288 CC303 SC7004<br>PID2004-288 | Fire Capital Projects (288) | ATMS Phase 2 Project | \$80,870           |
| F711 CC303 SC7004<br>PID2004-711 | Fiber Optic Network (711)   | ATMS Phase 2 Project | \$80,870           |
| <b>Total</b>                     |                             |                      | <b>\$7,790,120</b> |

As a result of the reallocation of the federal funding to a future Program phase, a deficit of \$831,930 exists and must be funded to proceed with awarding a construction contract. Staff is recommending that additional funding be appropriated toward the Project from the Transportation Fund (124) for construction as shown below:

| <b>Account No.</b>               | <b>Funding Source</b>     | <b>Description</b>   | <b>Amount</b>    |
|----------------------------------|---------------------------|----------------------|------------------|
| F124 CC303 SC7004<br>PID2004-124 | Transportation Fund (124) | ATMS Phase 2 Project | \$831,930        |
| <b>Total Appropriation</b>       |                           |                      | <b>\$831,930</b> |

**COUNCIL MISSION / VISION / VALUE(S) ADDRESSED:**

This item addresses the City Council's Core Values by ensuring the construction of high-quality public improvements that promote success as a world class community.

**ATTACHMENTS:**

Attachment 1 – Vicinity Map

Attachment 2 – Bid Summary