



City Council Report

Date: August 18, 2025
To: City Council
Through: Michael Kennington, Deputy City Manager/Chief Financial Officer
From: Edward Quedens, Business Services Director
Kristy Garcia, Procurement Administrator
Subject: Three-Year Term Contract with Two-Year Renewal Options for Traffic Signal Controllers and Video Detection for the Transportation Department (Single Response) **(Citywide)**

Recommendation

Council is requested to approve the award as recommended.

The Transportation Department and Procurement Services recommend awarding the contract to the single, responsive and responsible bidder, Paradigm Traffic Systems at \$1,856,700 annually, with an annual increase allowance of up to 5% or the adjusted Producer Price Index.

Background / Discussion

Traffic Signal Controllers are devices that manage the operation of traffic signals at intersections. They control the timing of traffic lights, ensuring that vehicles and pedestrians can move safely and efficiently. Traffic signal video detection is a technology that enhances traffic management and safety by using video cameras to monitor and analyze traffic flow.

Procurement Services released a bid on June 2, 2025, for Econolite Traffic Signal Controllers and Video Detection Equipment. Paradigm Traffic Systems was the sole bidder. Paradigm Traffic Systems serves as the exclusive representative for Econolite products within Arizona. The City has invested in Econolite's central traffic signal system and related technologies, making Econolite the preferred equipment provider. To ensure system compatibility and to avoid the additional costs and complexities of maintaining multiple hardware and software platforms, the City has standardized its operations around Econolite traffic signal controllers and video detection systems. This approach streamlines maintenance, improves operational efficiency, and supports long-term infrastructure planning.

Purchase Information

Action: Award
Procurement Type: Request for Bids
Contract Number: 2025164
Local Consideration: Policy did not apply to this procurement method

Protests Received: None

Initial Contract Term: Three Years

Possible Renewals: Up to a maximum of two years subject to Administrative review and approval

Funding Source: Transportation Department operating budget through the Local Streets fund

Bid Responses

Paradigm Traffic Systems, Inc.
Arlington, TX

\$1,534,315.00 – Group A (Recommended)

\$223,915.00 – Group B (Recommended)