



CITY OF BANNING STAFF REPORT

TO: CITY COUNCIL

FROM: Douglas Schulze, City Manager

PREPARED BY: Patrick Safari, Capital Improvement Projects Manager
Art Vela, Director of Public Works

MEETING DATE: July 9, 2024

SUBJECT: Consideration of Resolution 2024-119, Awarding a Professional Services Agreement for the Design of Traffic Signal Hardware Upgrade at 17 Intersections to STC Traffic, Inc. in the amount of \$74,760 and Approving a 10% Contingency for a Total Project Budget of “Not-to-Exceed” \$82,236

RECOMMENDATION:

Adopt Resolution 2024-119.

BACKGROUND:

The City of Banning completed a Local Road Safety Plan (LRSP) in August 2022 that identified signalized intersections as an important area of focus for the safety of the city’s residents and visitors. The collision data from January 1, 2017 to December 31, 2021 indicated that 61% of collisions at signalized intersections were either rear-end, broadside or sideswipe. These types of collisions are typically associated with failure to stop at a red signal. At signalized intersections, there were also a significant number of collisions and injuries involving bicycles and pedestrians. Seventeen (17) signalized intersections were identified as needing safety improvements.

On October 12, 2021, under Resolution 2021-91, the City Council approved Master Agreement 08-5214S21 with California Department of Transportation (Caltrans) for state funded projects.

On October 10, 2023, under Resolution 2023-167, the City Council approved a corresponding Program Supplement Agreement No. HSIPL-5214(016) for Caltrans Cycle 11 Highway Safety Improvement Program. The agreement authorizes the City of Banning to start the Preliminary Engineering (PE) phase.

On April 12, 2024, staff released a Request for Proposals (RFP) for Design Services for the Upgrade of Traffic Signal Hardware at 17 intersections on the City’s public bidding platform. The proposals were due on May 17, 2024. In response to the RFP, four (4) proposals were received from the following consultants:

<u>Consultant</u>	<u>Score (Out of 100)</u>
1) STC Traffic, Inc.	91.33
2) Kimley Horn, Inc.	86.33
3) Minagar & Associates, Inc.	82.00
4) LIN Consulting, Inc.	80.67

JUSTIFICATION:

The Project will improve safety of the signalized intersections by implementing countermeasures such as signal hardware improvements (lenses, back plates with retroreflective borders), installation of Emergency Vehicle Pre-emption (EVP) systems and installation of Audible Pedestrian Countdown Signal Heads (APS).

Staff evaluated the proposals based on qualifications, cost, experience with the requested scope of services and response to the request for proposals. As a result, staff recommend the award of a professional services agreement to STC Traffic, Inc., in the amount of \$74,760.

The scope will consist of the preparation of Plans, Specifications and Estimates (PS&E) including construction support.

FISCAL IMPACT:

Staff recommends awarding an agreement to STC Traffic, Inc. in the amount of \$74,760 and approving a 10% contingency in the amount of \$7,476 for a total “not-to-exceed” project budget of \$82,236.

The project is budgeted and will be funded from Measure A Funds, Account 100-4900-431.90-10.

The project costs are eligible and will be reimbursed by the State of California Department of Transportation Cycle 11 Highway Safety Improvement Program (HSIP). The City of Banning will receive monthly reimbursements from the State of California.

ALTERNATIVES:

Do not approve and provide alternative direction.

ATTACHMENTS:

1. [Resolution 2024-119, STC Traffic Inc.docx](#)
2. [C01048 - PSA STC Traffic Design of Traffic Signal Hardware Upgrade.pdf](#)
3. [Resolution 2021-091.pdf](#)
4. [Resolution No. 2023-167.pdf](#)
5. [Master Agreement 08-5214S21.pdf](#)
6. [Supplement Agreement.pdf](#)
7. [STC Traffic Proposal.pdf](#)