

**CITY OF TEMECULA
AGENDA REPORT**

TO: City Manager/City Council

FROM: Patrick Thomas, Director of Public Works / City Engineer

DATE: January 9, 2024

SUBJECT: Approve Consultant Agreement with STC Traffic, Inc. for the Safety Lights and Signal Communications Upgrade – Citywide, PW23-13

PREPARED BY: Nick Minicilli, Senior Civil Engineer
Julie Tarrant, Principal Management Analyst

RECOMMENDATION: That the City Council:

1. Approve a consultant agreement with STC Traffic, Inc., in the amount of \$317,730, for the Safety Lights and Signal Communications Upgrade - Citywide, PW23-13; and
2. Authorize the City Manager to approve extra work authorizations not to exceed the contingency amount of \$31,773, which is equal to 10% of the agreement amount.

BACKGROUND: On May 9, 2022, the Caltrans Division of Local Assistance announced the Cycle 11 Call for Projects for the Highway Safety Improvement Program (HSIP). On August 23, 2022, the City Council approved Resolution 2022-67 approving the filing of the project application for Highway Safety Improvement Program (HSIP) Cycle 11 funds. The Public Works Department-Traffic Division submitted a project application, and on March 9, 2023, the city was awarded HSIP Cycle 11 funding for the Safety Lights and Signal Communications Upgrade- Citywide project, in the amount of \$2,441,310.

The Project will upgrade all traffic signal safety lights to LED and install communication system upgrades to 127 intersections throughout the City. Specific project improvements include LED streetlights, signal wiring, vehicle heads, pedestrian heads, controller cabinets, fiber cable, ethernet switches, wireless radios, and related communication equipment to improve safety and operations with optimized traffic signal timing coordination. Signal timing coordination will be improved along Butterfield Stage Road and Ynez Road corridors. The HSIP funding for the project is \$2,441,310, with a City match of \$814,590 in DIF-Traffic Signals and Measure S funds. The total project costs including the City match is \$3,255,900.

On July 26, 2023, the Department of Public Works publicly posted on the City’s online bidding service, Planet Bids, Request for Proposal No. 275 to solicit design consultant proposals for the Project. The design consultant solicitation was publicly advertised between July 26, 2023 and

August 22, 2023 and the City received four (4) proposals. City staff panel members reviewed each proponent's proposal, excluding cost proposals, which were submitted under separate file and concealed until full review was conducted. After panel review and discussion of proposals, the proponents were ranked as follows:

1. STC Traffic, Inc.
2. Willdan
3. Advantec Consulting Engineers, Inc.
4. Minagar & Associates, Inc.

Subsequent to proposal review and rankings, staff reviewed the STC Traffic, Inc. cost proposal and determined the amount to be fair and equitable. Staff finalized the terms of the proposal and negotiated a not-to-exceed fee of \$317,730 for engineering design services (Tasks 1-6 in the RFP 275). The remaining tasks required to complete the project will be covered under a separate agreement for Construction Support, identified as Task 7 in RFP 275.

STC Traffic, Inc., is a full-service Traffic Engineering, Planning, and ITS firm with extensive experience in designing and implementing innovative and effective traffic signal communication systems. STC Traffic, Inc., has designed and provided construction support for similar projects throughout Southern California.

Staff recommends the approval of the agreement with STC Traffic Inc., in the amount of \$317,730, with a contingency amount of \$31,773 for engineering design services. The combined total fee for the overall scope of work, including contingency is \$349,503.

FISCAL IMPACT: The Safety Lights and Signal Communications Upgrade- Citywide project is identified in the City's Capital Improvement Program (CIP) Budget for Fiscal Years 2024-2028. It is funded with Highway Safety Improvement Program (HSIP) funds, DIF-Traffic Signals, and Measure S. Adequate funds are available in the project account for the engineering design services agreement in the amount of \$317,730, plus the \$31,773 contingency, for a total encumbrance of \$349,503.

ATTACHMENTS:

1. Agreement
2. Project Description