

**CITY OF TEMECULA  
AGENDA REPORT**

**TO:** City Manager/City Council

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

**DATE:** October 8, 2019

**SUBJECT:** Approve an Agreement with STC Traffic, Inc., for Traffic Signal System Upgrade, PW19-09 – Highway System Improvement Program (HSIP) Cycle 9 Federal Project No. H9-08-025

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**PREPARED BY:** Jerry Gonzalez, Associate Engineer II - Traffic

**RECOMMENDATION:** That the City Council:

1. Approve an Agreement with STC Traffic, Inc., in the amount of \$79,430 for Traffic Signal System Upgrade, PW19-09 – Highway Safety Improvement Program (HSIP) Cycle 9 Federal Project No. H9-08-025;
2. Authorize the City Manager to approve extra work authorization, in an amount not to exceed \$7,943, which is equal to 10% of the agreement amount.

**BACKGROUND:** In March 2018, the City was successful in obtaining federal grant funding through the Highway Safety Improvement Program (HSIP) for two (2) separate projects: Upgrade of Pedestrian Signal Equipment and Traffic Signal Controllers; and Traffic Signal System Upgrade - Protected/Permissive Left-Turn Phasing. The City received a total of \$1,398,000 in federal funds for both projects.

The Traffic Signal System upgrade includes modifying the current signal operation from permissive left-turn phasing to protected/permissive left-turn phasing, installation of traffic signal poles, mast arms, and traffic signal indications at the following five (5) intersections:

1. Margarita Road at Verdes Lane
2. Redhawk Parkway at Paseo Parallon/Overland Trail
3. Winchester Road at Enterprise Circle
4. Ynez Road at Tower Plaza/Town Center North
5. Ynez Road at Tower Plaza/Town Center South

A total of \$581,900 has been appropriated in the Capital Improvement Program (CIP) for this project; \$489,510 in HSIP funds and \$92,390 in City matching funds (Measure S). The proposed consulting agreement covering the Plans, Specifications & Estimate (PS&E) phase of the work will be funded using the City match.

In August 2019, Staff solicited proposals for professional engineering services from the City's list of prequalified on-call engineers for the preparation of the Plans, Specifications and Estimate (PS&E). STC Traffic, Inc. was deemed to have the most effective proposal that addressed the project requirements. Subsequently, staff negotiated and finalized the terms of the cost proposal submitted by STC Traffic, Inc., for the PS&E. The negotiated fee is total not-to-exceed fee of \$79,430.

The proposed agreement in the amount of \$79,430, covers the cost of providing services for the preparation of the PS&E and authorizes the City Manager to approve additional work up to ten (10) percent of the Agreement.

**FISCAL IMPACT:** The Traffic Signal System Upgrade project is included in the Capital Improvement Program (CIP) Budget for Fiscal Years 2020-2024. Adequate Measure S funds are available for the \$87,373 request, which includes the \$79,430 base contract price plus the \$7,943 contingency, in Public Works Account No. 210.265.610.

**ATTACHMENTS:** Agreement