

City of Hesperia

STAFF REPORT



DATE: March 17, 2020

TO: Mayor and Council Members

FROM: Nils Bentsen, City Manager

BY: Michael Blay, Assistant City Manager
David R. Burkett, Project Construction Manager

SUBJECT: Award a Professional Services Agreement for Engineering Design Services for a Traffic Signal at Main Street & Sultana Street/Timberlane Avenue, C.O. No. 7159

RECOMMENDED ACTION

It is recommended that the City Council award a Professional Services Agreement (PSA) to David Evans & Associates for engineering design services, in the amount of \$301,169; approve an additional 10% contingency in the amount of \$30,117, for a total not-to-exceed amount of \$331,286; and authorize the City Manager to execute said agreement.

BACKGROUND

The City's Engineering Department conducts ongoing investigations of high vehicular collision locations through inter-departmental meetings with the Police Department and/or by requests initiated by the public or other agencies. Among those coordination efforts, the intersection of Main Street and Sultana Street/Timberlane Avenue has been identified as the highest number of fatal accidents in the City.

The intersection of Main Street and Sultana Street on the South and Timberlane Avenue on the North has been identified as the top traffic safety priority due to a total of 28 vehicular collisions since January 2013, three of which resulted in fatalities. This intersection has drawn considerable community concern over the years. The City identified and assessed safety issues and countermeasures for the project site, which meets three traffic signal warrants stipulated in the California Manual of Uniform Traffic Control Devices.

Generally, the existing configuration of Main Street is a 64 foot wide Arterial Highway consisting of two travel lanes, both eastbound and westbound, with signalized two-way turn lanes at major intersections. Main Street's average daily traffic is 17,332 vehicles (2017) traveling at or above a posted speed limit of 45 miles per hour (MPH). The most recent speed survey indicated that the 85th percentile speed is actually estimated at 60 MPH. This segment of Main Street is between two existing signals located approximately 6,700 feet apart (1.25 miles) permitting drivers to travel at speeds well beyond the posted speed limit.

This project proposes to construct a new traffic signal at the intersection as well as other improvements such as curb & gutter, sidewalks, handicap ramps, etc. in order to enhance the safety of both vehicular traffic and pedestrians. In order to proceed with the project, City staff applied for and received a federal grant through the Highway Safety Improvement Program (HSIP) in the amount of \$899,300 that will provide funding for approximately 75% of the total cost of the project.

ISSUES/ANALYSIS

On October 8, 2019, staff released a Request for Proposal (RFP) through the City's online bidding site to more than 5,000 firms with experience in providing professional engineering consulting services to government agencies. On November 19, 2019, staff received three responses to the RFP. The proposals were reviewed and ranked by a selection panel made up of six City staff members. The three firms were ranked as follows by the selection panel (included are the fee proposals submitted by each firm):

1.	David Evans & Associates, Inc.	Victorville, CA	\$301,169
2.	Hernandez, Kroone & Associates	San Bernardino, CA	\$362,630
3.	Valued Engineering, Inc.	Upland, CA	\$198,270

After careful review of the proposals submitted by each firm, David Evans & Associates (DEA) was selected by the panel as the most qualified firm meeting the City's needs on this project. Once the selection panel completed their review and ranking of the consultants, the Fee Proposals were opened and reviewed. DEA's proposed fee was the median fee among the three proposals. Staff believes the proposed fee is a fair market value for provision of these services.

DEA was founded in 1976 in Oregon and has since grown and diversified into an Engineering News Record Top 500 Design Firm with more than 1,000 employees committed to serving private and public-sector clients across the nation. DEA has designed multiple traffic signal projects and has delivered several projects of this type in the City of Hesperia. DEA is familiar with Hesperia requirements and the California Department of Transportation (Caltrans) requirements, as coordination through Caltrans will be necessary due to the grant funding received through the federal HSIP program. The work for this project will be spearheaded from their local Victorville office. Reference checks confirmed their capabilities and competence.

Staff is recommending award of a PSA to DEA. The fee proposal from DEA to perform this work is \$301,169. Staff is also recommending an additional 10% contingency amount of \$30,117 be included in the PSA in order to address any unanticipated requirements that may arise, for a total amount of \$331,286.

FISCAL IMPACT

Funding for the design portion of the project is included in the Adopted FY 2019-20 Capital Improvement Program Budget under Fund 204 – Measure I Renewal.

ALTERNATIVE(S)

1. Provide alternative direction to staff

ATTACHMENT(S)

None.