



City of Santa Ana
20 Civic Center Plaza, Santa Ana, CA 92701
Staff Report
October 19, 2021

TOPIC: Engineering and Traffic Survey for Speed Limits Updates

AGENDA TITLE

Approve an Agreement with AGA Engineering, Inc. for up to a Three-year Term in an Aggregate Amount Not to Exceed \$70,000 to Provide an Engineering and Traffic Survey for Speed Limits Update (Project #22-6992) (Non-General Fund)

RECOMMENDED ACTION

Authorize the City Manager to execute an agreement with AGA Engineering, Inc. (AGA) to provide an Engineering and Traffic Survey for Speed Limits Update for a two-year term expiring October 18, 2023, with a provision for a one-year extension exercisable by the City Manager and the City Attorney, in a total amount not to exceed \$70,000 which includes a contingency of \$14,980, subject to non-substantive changes approved by the City Manager and City Attorney.

DISCUSSION

The California Vehicle Code requires that a citywide engineering and speed survey of all posted streets be conducted every five years for the Vehicle Code requirement to be enforceable. Considering that the last engineering and speed survey was conducted in 2016, it is time for an update to the engineering and traffic survey.

A Request for Proposals (RFP) for an engineering and traffic survey was released and posted on Monday, June 28, 2021, and the City received four proposals. The proposals were evaluated by a three-member committee. The proposals were rated on the basis of: qualifications, experience with similar projects, work plans, and overall approach.

The work involves the study of 200 zones and preparation of an estimated 90 sketches for sign replacement or relocation. In addition, follow-up speed studies may be required on corridors after street improvements are completed, which may result in reduced speed limits at additional locations. The proposers were requested to submit a fee schedule reflecting performance of the basic study as well as a separate fee to perform the additional follow-up work.

After evaluating the proposals, corresponding sealed fees submitted by the top three firms were opened. The evaluation scores and fees for each proposal are as follows:

Engineering and Traffic Survey for Speed Limits Update

October 19, 2021

Page 2

Rank	Firm	Average Score	Total Scenario Cost
1	AGA	97.0	\$55,020
2	KimleyHorn	96.0	\$89,945
3	KOA	93.7	\$186,862

Based on rating and cost, staff recommends that AGA be retained for an amount not to exceed \$70,000 (\$55,020 base plus \$14,980 contingency) for the engineering and traffic survey for speed limits update. The consultant will be paid only for the services performed as requested by staff and in accordance with the rates submitted in their proposal. The agreement includes an optional one-year extension for a potential total agreement term of three years.

ENVIRONMENTAL IMPACT

There is no environmental impact associated with the action.

FISCAL IMPACT

Total compensation is not to exceed \$70,000 for the term of the agreement, inclusive of the extension option. The entire agreement amount has been budgeted in the approved Fiscal Year 2021-22 Capital Improvement Program (Project #22-6692). Any unspent budgeted funds will be carried forward as needed to complete the project, and if the option to extend the agreement is exercised.

Fiscal Year	Accounting Unit- Account No.	Fund Description	Accounting Unit - Account Description	Amount
2021-22 Oct - June	03217662-66220	Measure M- Street Construction	Measure M2 Local Fairshare – Improvements Other than Building	\$70,000
Total				\$70,000

EXHIBIT(S)

1. Request for Proposal #21-002
2. Agreement with AGA

Submitted By: Nabil Saba, P.E., Executive Director – Public Works Agency

Approved By: Kristine Ridge, City Manager