



## **REPORT TO CITY COUNCIL**

**To: Honorable Mayor and Members of the City Council**

**From: Grant Yates, City Manager**

**Prepared By: Remon Habib, City Engineer**

**Date: January 12, 2021**

**Subject: Professional Civil Engineering Services Agreement with KOA Corporation for Environmental, Final Engineering Plans, Specifications, Cost Estimate, and Construction Support for the High Safety Improvement Cycle 9 Project**

### **Recommendation**

Authorize the City Manager to execute an Agreement for Professional Design Services in the amount of \$143,359 to KOA Corporation (KOA), plus an additional 10% contingency, in such final form as approved by City Attorney.

### **Background**

The Agreement will authorize KOA to start the design of traffic signal safety improvements at ten (10) existing traffic signals throughout the city. The intersections were determined through a city-wide safety analysis while preparing the HSIP Cycle 9 application for funding. These locations were identified as having the highest collision rates of existing signalized intersections that do not currently have any projects or funding for improvements. These intersections are:

1. Lake Street / Temescal Canyon Road
2. Central Avenue / Dexter Avenue
3. Mission Trail / Malaga Road
4. Canyon Hills Road / Cottonwood Canyon Road
5. Lake Street / Mountain Street
6. Lake Street / Viscaya Street
7. Grand Avenue / Broadway Street
8. Lakeshore Drive / Chaney Street
9. Grand Avenue / Lincoln Street
10. Lakeshore Drive / Machado Street

The project will provide for final plans, specifications, and cost estimates (PS&E) for the traffic signal improvements, and environmental clearance.

For the Highway Safety Improvement (HSIP) Cycle 9 grant, 221 projects were selected from a candidate pool of 351 applicants. In 2018, the City of Lake Elsinore (City) secured the HSIP Cycle 9 grant to upgrade the ten (10) existing traffic signals within the City, where the locations

were selected based on historical collision data. The City has obtained authorization from Caltrans to conduct the Preliminary Engineering phase, which includes the environmental clearance and plans, specifications, and cost estimate (PS&E).

### **Discussion**

KOA will provide civil engineering services necessary for environmental clearance, final PS&E, and construction support for the traffic signal safety improvements at ten existing locations throughout the City. The scope of services includes project management, conduct field reviews, preparation of Caltrans Preliminary Environmental Study and environmental documentation required for environmental clearance, preparation and completion of traffic signal PS&E and signal timing sheets, and provide construction support.

### **Fiscal Impact**

Professional Services Agreement will result in a cost of \$143,359 plus an additional 10% in contingency to be funded by the Highway Safety Improvement (HSIP) Grant.

### **Exhibits**

- A – Agreement
- B - Proposal