



## City Council Agenda Item

**City Council Meeting Date:** June 16, 2020

**TO:** Jim Throop, City Manager

**FROM:** Christos A. Stoyos, Principal Civil Engineer  
c\_stoyos@ci.lompoc.ca.us

**SUBJECT:** Award of Consultant Service Agreement, Project No. CS-20-AP-01, Lompoc Airport Airfield Electrical Upgrade and Pavement Rehabilitation; Adoption of Resolution No. 6341(20) Approving Budget Adjustments and Associated Appropriations for the Project

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### **Recommendation:**

Staff recommends the City Council take the following actions:

- 1) Adopt Resolution No. 6341(20) approving the adjustments to the adopted budget to reflect revenue and expenditure appropriations as shown in Table 2 – Project Supplemental Appropriations Summary on Page 3;
- 2) Award the consulting services agreement to Kimley-Horn & Associates, Inc. (Consultant) in the amount of \$259,937.00 for providing Architectural/Engineering consulting services and preparing construction documents to upgrade the airfield lighting systems and to rehabilitate the runway, north taxiway and associated taxiway connector pavements at the Lompoc Airport;
- 3) Authorize the City Manager to execute the Consulting Services Agreement; and
- 4) Authorize the City Engineer to execute Contract Amendments for an aggregate amount not to exceed \$36,063.00

### **Background:**

The Lompoc Airport (Airport), owned and operated by the City of Lompoc, is located immediately north of the City, bordered to the north and west by the Santa Ynez River, and to the east by Highway 1/H Street. The airport was built in 1960 and primarily serves General Aviation activity. The 2011 Lompoc Airport Master Plan (LAMP) identified the Airport as an ARC B-II facility and the critical design aircraft is the Cessna Citation Jet 2. The Airport property is 140 acres in size, has one runway, Runway 7-25, which is 4,600 feet long by 100 feet wide, served by two parallel taxiways on the north and south. (See Location Map, Attachment 2.)

The proposed improvements were identified in the LAMP and will contribute to the Airport's success in being a stimulating asset to the local economy by managing effectively the increased business aircraft traffic. The improvements will be funded, in part, by the Federal Aviation Administration (FAA) with Airport Improvement Program (AIP) grants, CALTRANS Division of Aeronautics grants, and City of Lompoc airport reserves.

The Airport's electrical system, constructed originally in 1960 and having undergone, throughout the years, expansions and several alterations, utilizes direct buried cables and has experienced increased maintenance issues. The new electrical upgrades will include new runway/taxiway lighting, new conduit infrastructure to lighting and navigational systems, new transformers and regulators, consolidation of runway and taxiway electrical service, on-site standby emergency power system installation and airfield electrical building reconfiguration. Engineering staff, in collaboration with the Consultant, will explore additive alternates, such as lighted airfield signs, as additional improvements to capitalize on available funding.

### **Discussion:**

The need to rehabilitate the runway and north taxiway pavements was identified by the California Department of Transportation, Division of Aeronautics Airport Pavement Management System in 2011. The report rated the condition of the runway as poor (PCI 55-40) while the condition of the north taxiway was reported as fair (PCI 70-55). A more recent Pavement Condition Index (PCI) survey (April 30, 2020) again prepared by the California Department of Transportation, Division of Aeronautics, shows similar results identifying in more detail the airport's pavement condition.

In addition to evaluating and developing an effective pavement rehabilitation strategy, the Consultant is expected to design any associated airfield traffic markings, signage and visual aids, including holding position, taxiway location, runway exit, taxiway description, runway distance signs, etc.

Airfield electrical upgrades and pavement rehabilitation have been identified as activities with minimal environmental impact, that are Categorically Exempt under California Environmental Quality Act and are included in the City's Annual Maintenance Plan. The City will obtain FAA National Environmental Policy Act evaluation in accordance with the Project's identified needs.

The Engineering Division solicited Architectural & Engineering services in accordance with the FAA guidance and qualifications-based selection procedures on two different occurrences.

The first Request for Qualifications (RFQ) was released in April 2019, and only one Statement of Qualifications (SOQ) was received. In April 2020, with the scope of services and cost estimate fully identified, a Request for Proposal (RFP) was released and two independent proposals were received. Both were judged responsible and responsive and

both were within 10% of the City’s independent fee estimate. Using qualifications-based selection procedures required by the FAA, Kimley-Horn and Associates Inc. was selected as the consultant most qualified with whom to undertake the planned improvements’ design.

**Fiscal Impact:**

The estimated project development budget of \$333,000 includes: \$259,937 for consulting services, \$37,000 for project administration by Engineering staff, and \$36,063 as contingency for Contract Change Orders. The Project will be funded primarily by FAA Grant AIP 3-06-0125 – 019-2020, a small State Grant, and the remaining grant match funding will be provided from Airport reserves. Funding sources and amounts are shown in Table 1 – Project Funding Summary while the necessary budget adjustments to be adopted by Resolution No. 6341(20) are shown in Table 2 – Project Supplemental Appropriations Summary

<b>Table 1 - Project Funding Summary</b>				
<b>Funding Source</b>	<b>FAA Grant</b>	<b>State Grant</b>	<b>Airport Reserves</b>	<b>Total</b>
Funding Amount	\$276,304	\$13,815	\$22,995	\$ 333,114

<b>Table 2 - Project Supplemental Appropriations Summary</b>			
<b>Account No.</b>		<b>Account Name</b>	<b>Amount</b>
Increase	750RMA - 451200	Federal Grant	\$ 276,304
	750RMA - 453210	State Grant	\$ 13,815
	750 - 321100	Fund Balance (Designated Cont)	\$ 22,995
Increase	750AIR - 793057	Airfield Signs & Electric	\$ 333,114

**Conclusion:**

Staff recommends the City Council award the project to Kimley-Horn and Associates Inc., authorize the City Manager to sign the required agreement, and approve the necessary budget appropriations to study and develop the airport’s planned improvements.

Respectfully submitted,

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Christos A. Stoyos, P.E., Principal Civil Engineer

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Richard Fernbaugh, C.A.E., Aviation/Transportation Administration

**APPROVED FOR SUBMITTAL TO THE CITY MANAGER:**

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Michael Luther, P.E., Public Works Director

**APPROVED FOR SUBMITTAL TO THE CITY COUNCIL:**

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Jim Throop, City Manager

- Attachments: 1) Resolution No. 6341(20)  
2) Location Map