



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** September 10, 2013

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Contract For Construction For Runway 15R-33L Pavement Rehabilitation

**RECOMMENDATION:** That Council:

- A. Accept, and authorize the Airport Director to execute on behalf of the City, a Federal Aviation Administration Grant offer, No. 306-0235-46, in an amount not to exceed \$2,690,106 in Airport Improvement Program funds for rehabilitation of Taxiways C, H, and J, Phase II and rehabilitation of Runway 15R, Phase I;
- B. Approve a transfer of \$277,141 from the Airport Operating Fund from available reserves representing the City's 9.34 percent grant match;
- C. Award a contract with Granite Construction in their low bid amount of \$1,743,655 for construction of the Runway 15R-33L Pavement Rehabilitation project, Bid No. 3703, and Authorize the Public Works Director to execute the contract and approve expenditures up to \$85,823 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment;
- D. Approve a transfer of \$85,823 from the Airport Operating Fund from available reserves representing the budget for contract change orders for construction of the Runway 15R-33L Pavement Rehabilitation project;
- E. Authorize the Public Works Director to execute a contract with Kimley-Horn and Associates, Inc., in the amount of \$ 198,357 for construction support services, and approve expenditures of up to \$13,300 for extra services of with Kimley-Horn and Associates, Inc., that may result from necessary changes in the scope of work; and
- F. Increase appropriations and estimated revenue by \$3,053,070 in the Airport's Grants Fund to be funded from the Federal Aviation Administration Airport Improvement Program grant, No. 306-0235-46, totaling \$2,690,106, and the City's \$277,141 match from reserves, and the \$85,823 transfer from the Airport Operating Fund for the construction change order authorization.

**DISCUSSION:**

The Federal Aviation Administration Grant (AIP-46) of \$2,690,106 will cover both the remainder of the rehabilitation of Taxiways C, H, and J project and the newer Runway 15R-33L Pavement Rehabilitation project. Construction contracts for the rehabilitation of Taxiways C, H, and J project were awarded on November 20, 2012. The cost of that project exceeded the federal Airport Improvement Program grant (AIP-45) amount. The Airport Fund pledged partial funding, but this will no longer be required as the current grant (AIP-46) will provide \$1,011,935 for Phase II of that project.

The remainder of the grant (AIP-46) will be allocated to the Runway 15R-33L Pavement Rehabilitation project

**RUNWAY 15R-33L PROJECT DESCRIPTION**

The work consists of the rehabilitation of Runway 15R-33L at the Airport. The runway is one of two parallel runways that run north-south intersecting the Airport's main runway. Runway 15R-33L is 4,143 feet long by 100 feet wide, and is used primarily by small general aviation aircraft. The asphalt concrete runway pavement has not had any major maintenance work in ten years and needs to be rehabilitated. The rehabilitation work will generally consist of cold milling the existing deteriorated surface, and then placing a three-inch layer of new asphalt concrete.

The bids contained two Additive Alternatives, the first for Thermoplastic Hold Position Signs, which indicate the stop and wait positions for aircraft and Additive Alternative 2 for the Full Depth Reconstruction Provisions, which is a comprehensive pavement rehabilitation process. The Airport has decided not to award either Additive Alternative 1 or 2 because the pricing was too high and FAA discretionary grant funds were not available.

**CONTRACT BIDS**

A total of three bids were received for the subject work, ranging as follows:

	<b>BIDDER</b>	<b>BID AMOUNT</b>
1.	Granite Construction Santa Barbara	\$1,743,655.00
2.	John Madonna Construction Atascadero	\$2,744,911.50
3.	Cal Portland Santa Maria	\$3,065,717.45

The low bid of \$1,743,655.00, submitted by Granite Construction, is an acceptable bid that is responsive to and meets the requirements of the bid specifications. The change order authorization is \$85,823, or approximately 5 percent, and is typical for this type of work and size of project. The FAA will not prefund change orders, so the City will need to initially cover this amount and apply for consideration of any necessary use of such funds at a later time.

#### CONSTRUCTION PHASE CONTRACT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Kimley-Horn and Associates, Inc., in the amount of \$ 198,357 for materials testing and construction management. Kimley-Horn and Associates, Inc. was selected through a Request for Proposals process.

#### FUNDING

This project is 90.66 percent funded by the Federal Aviation Administration Airport Improvement Program and 9.34 percent funded by the Airport Capital Fund. There are sufficient funds in the Airport Capital Fund to cover the cost of this project. The following summarizes the expenditures recommended in this report:

#### CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Granite Construction	\$1,743,655	\$85,823	\$1,829,478
Kimley-Horn	\$198,357	\$13,300	\$211,657
<b>TOTAL RECOMMENDED AUTHORIZATION</b>			<b>\$2,041,135</b>

The following summarizes all project design costs, construction contract funding, and other project costs:

#### ESTIMATED TOTAL PROJECT COST

*\*Cents have been rounded to the nearest dollar in this table.*

Design (by Contract)	\$319,524
City Staff Costs	\$15,216
<b>Subtotal</b>	<b>\$334,740</b>
Construction Contract	\$1,743,655
Construction Change Order Allowance	\$85,823
Construction Management/Inspection (by Contract)	\$211,657
Construction Management/Inspection (by City Staff)	\$30,000
<b>Subtotal</b>	<b>\$2,071,135</b>
<b>TOTAL PROJECT COST</b>	<b>\$2,405,875</b>

**PREPARED BY:** Pat Kelly, Assistant Public Works Director/OT/LR/sk

**SUBMITTED BY:** Christine F. Andersen, Public Works Director

**APPROVED BY:** City Administrator's Office