



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: July 21, 2015

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of Airport Lighting And Safety Project

RECOMMENDATION: That Council:

- A. Award a contract with Cindy Bales Engineering in their low bid amount of \$2,143,410 for construction of the Airport Lighting and Safety Project, Bid No. 3763; and authorize the Public Works Director to execute the contract and approve expenditures up to \$214,341 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;
- B. Authorize the Public Works Director to execute a contract with Mead & Hunt in the amount of \$296,800 for construction support services, and approve expenditures of up to \$29,680 for extra services of Mead & Hunt that may result from necessary changes in the scope of work; and
- C. Authorize the General Services Manager to issue a purchase order to ADB Airfield Solutions in the amount of \$10,076.73, and authorize the General Services Manager to approve expenditures of up to \$2,500 for extra services of ADB Airfield Solutions that may result from necessary changes in the scope of work.

DISCUSSION:

PROJECT DESCRIPTION

The contract for construction of the Airport Lighting and Safety Project (Project) consists of rehabilitating the airfield electrical system, which has aging components and is in need of safety improvements. All of the cables for the runway and taxiway edge lights, and guidance signs need to be replaced. Additionally, transformers for each edge light and sign need to be replaced. The Project also includes installation of new runway guard lights at Runways 15R and 15L. Runway guard lights are flashing amber lights that are conspicuously located at runway holding locations and are a reminder for pilots and maintenance workers that they are at a runway intersection. These runway guard lights will help prevent unauthorized entry onto a runway. The cable and transformer

replacement will increase the reliability of the electrical system and save energy. The Project also includes replacement of airfield markings and replacement of six-foot chain link fence with eight-foot security fence.

CONTRACT BIDS

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

	BIDDER	BID AMOUNT
1.	Cindy Bales Engineering Big Bear City	\$2,143,410
2.	Royal Electric Sacramento	\$2,336,301
3.	Lee Wilson Electric Arroyo Grande	\$2,406,631
4.	Taft Electric Company Buellton	\$2,479,348
5.	Cutting Edge Concrete Services Oro Grande	\$2,756,755
6.	High Light Electric Riverside	Bid Non Responsive

The low bid of \$2,143,410, submitted by Cindy Bales Engineering, is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$214,341, or ten percent, is typical for this type of work and size of project.

CONSTRUCTION PHASE CONTRACT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Mead & Hunt in the amount of \$296,800 for construction management services. Mead & Hunt was selected through a competitive Request for Qualifications process for this Project.

ADB Airfield Solutions is required to provide Airfield Lighting Control and Monitoring System changes to the existing Santa Barbara Airport Airfield Lighting Control System as part of this project. Staff recommends that the General Services Manager issue a purchase order in amount of \$10,076.73 for this work.

FUNDING

This Project is funded by an Airport Improvement Program Federal Aviation Administration grant, with a local sponsor match of 9.34 percent, which is funded from

the Airport Department's Operating Fund. There are sufficient appropriated funds in the Airport Department's Operating budget to cover the matching portion of this Project.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Cindy Bales Engineering	\$2,143,410.00	\$214,341.00	\$2,357,751.00
Mead & Hunt	\$296,800.00	\$29,680.00	\$326,480.00
ADB	\$10,076.73	\$2,500.00	\$12,576.73
TOTAL RECOMMENDED AUTHORIZATION			\$2,696,807.73

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)	\$163,500
City Staff Costs	\$78,835
Subtotal	\$242,335
Construction Contract	\$2,143,410
Construction Change Order Allowance	\$214,341
Construction Contract ADB	\$10,077
Construction Change Order Allowance ADB	\$2,500
Subtotal	\$2,370,328
City Staff Costs (Estimate)	\$105,000
Construction Management/Inspection (by Contract)	\$326,480
Subtotal	\$431,480
TOTAL PROJECT COST	\$3,044,143

PREPARED BY: Owen Thomas, Supervising Engineer/LR/sk

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office