



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 29, 2016

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Increase In Construction Change Order Authority For The Airfield Lighting And Safety Project

RECOMMENDATION:

That Council authorize an increase in the Public Works Director's Change Order Authority to approve expenditures for extra work for the Airfield Lighting and Safety Project, Contract No. 25,262 with Cindy Bales Engineering, and Contract No. 25,263 with Mead & Hunt, in the amounts of \$203,030 and \$55,750 respectively, for a total increase in project expenditure authority of \$258,780.

DISCUSSION:

PROJECT DESCRIPTION

The work consists of rehabilitating the airfield electrical system which has aging components and is in need of safety improvements. All of the electrical cables for the runway and taxiway edge lights, and for guidance signs, need to be replaced. Additionally, the transformers for each edge light and sign need to be replaced. The work 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. This 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.

Current Status

The existing contract is approximately 60 percent complete. The contractor began pulling new electrical cable in the existing conduit for the Runway 7/25 circuit and found that the conduit is crushed and unable to accept new wire. In order to correct this, approximately 5,800 lineal feet of new conduit must be installed along the main runway.

Due to the fact that all work is within the Runway Safety Area, this work must be completed at night. Cindy Bales Engineering has submitted an acceptable cost proposal to complete this extra work.

Mead & Hunt is providing construction management services on this project. These services include construction testing and inspection. Due to the fact that we are extending the contract period by twenty-three working days, we must have the Mead & Hunt inspector on site for this extra work. Mead & Hunt has submitted an acceptable cost proposal to complete this extra work.

BUDGET/FINANCIAL INFORMATION:

Funding

The following summarizes the additional expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Base Contract	Change Order	Total
Initial Contract Amount with Cindy Bales Engineering	\$2,143,410	\$214,341	\$2,357,751
Proposed Increase	\$0	\$203,030	\$203,030
Total Cindy Bales Engineering Contract	\$2,143,410	\$417,371	\$2,560,781
Initial Contract with Mead & Hunt	\$296,800	\$29,680	\$326,480
Proposed Increase	\$0	\$55,750	\$55,750
Total Mead & Hunt Contract	\$296,800	\$85,430	\$382,230
Total	\$2,440,210	\$502,801	\$2,943,011

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	Subtotal	\$163,500
Construction Contract		\$2,143,410
Construction Change Order Allowance		\$417,371
Construction Management/Inspection		\$382,230
Construction Management (City Staff - Estimate)		\$120,000
Construction	Subtotal	\$3,063,011
	Project Total	\$3,226,511

There are sufficient appropriated funds in the Airport Capital Fund to cover the extra work items.

PREPARED BY: Brian D'Amour, City Engineer/LR/mj

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office