



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: October 4, 2016

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Design Of Runway 7-25 Rehabilitation

RECOMMENDATION:

That Council authorize the Public Works Director to execute a City Professional Services contract with Tartaglia Engineering in the amount of \$385,334 for design services of the Runway 7-25 Rehabilitation project, and authorize the Public Works Director to approve expenditures of up to \$38,000 for extra services of Tartaglia Engineering that may result from necessary changes in the scope of work.

DISCUSSION:

Project Description

The work consists of pavement and associated rehabilitation for the Airport's primary commercial runway. The surface of Runway 7-25 is beginning to deteriorate and is in need of rehabilitation to maintain the runway in good serviceable condition. The runway was last resurfaced in 2007. The rehabilitation effort is expected to include:

- Removal of the existing grooved surface by pavement grinding.
- Localized removal and reconstruction of failed areas.
- Crack fill and seal.
- Surface grade correction through variable depth surface grind.
- Construction of a variable thickness asphalt pavement overlay.
- Construction of a uniform thickness asphalt pavement surface course.
- Construct surface grade acceptable transitions at all connecting runways and taxiways.
- Creating a surface friction element through grooving of the completed surface.
- Applying new precision approach pavement markings.
- Installation of new runway edge light conduits, conductors, base cans, and fixtures.
- Adjustment of existing guidance signs to new grades.

Design Phase Consultant Engineering Services

Staff recommends that Council authorize the Public Works Director to execute a contract with Tartaglia Engineering (Tartaglia) in the amount of \$385,334 for design, and \$38,000 for potential extra services, for a total amount of \$423,334. Tartaglia is experienced in this type of work, and was selected as part of a Request for Proposals process.

Funding

The following summarizes all estimated total Project costs:

ESTIMATED TOTAL PROJECT COST

	FAA GRANT	CITY SHARE	TOTAL
Design (by Contract)	\$393,701	\$29,633	\$423,334
<i>Design Subtotal</i>	\$393,701	\$29,633	\$423,334
Construction Contract	\$3,373,110	\$253,890	\$3,627,000
Construction Change Order Allowance	253,890	19,110	273,000
<i>Subtotal</i>	\$3,627,000	\$273,000	\$3,900,000
Construction Management/Inspection	\$186,000	\$20,000	\$206,000
<i>Subtotal</i>	\$186,000	\$20,000	\$206,000
<i>Construction Subtotal</i>	\$3,813,000	\$293,000	\$4,106,000
TOTAL PROJECT COST	\$4,206,701	\$322,633	\$4,529,334

The project is funded through a Federal Aviation Administration (FAA) grant with approximately 9% in local matching funds. There are sufficient appropriated funds in the Airport Operating Fund to cover the design cost of this contract.

A copy of the contract is available for public review at the City Clerk's Office.

PREPARED BY: Brian D'Amour, P.E., City Engineer/OT/sk

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office