

COUNTY OF SONOMA AGENDA ITEM SUMMARY REPORT	Clerk of the Board Use Only Meeting Date Held Until ____/____/____ ____/____/____ Agenda Item No: Agenda Item No: _____ _____
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Department: Transportation and Public Works	<input type="checkbox"/> 4/5 Vote Required
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Contact: Jon Stout	Phone: (707) 565-7243	Board Date: 04/28/09	Deadline for Board Action:
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Agenda Short Title:

Airport Apron A Rehabilitation and Improvements Project Construction Administration

Requested Board Action:

Approve and authorize the Director of Transportation and Public Works to execute an Agreement for Construction Engineering Services with Mead & Hunt, Inc., in the amount of \$185,000 for Airport Apron A Rehabilitation and Improvements Project Construction Administration (Fourth Supervisorial District).

CURRENT FISCAL YEAR FINANCIAL IMPACT			
<u>EXPENDITURES</u>		<u>ADD'L FUNDS REQUIRING BOARD APPROVAL</u>	
Estimated Cost	\$185,000	Contingencies	\$
Amount Budgeted (291708-8510)	\$185,000	(Fund Name:)	
Other Avail. Approp (Explain below)		Unanticipated Revenue	\$
		(Source:)	
Additional Requested	\$	Other Transfer(s)	\$ _____
	\$ -0-		\$
		Add'l Funds Requested:	
Explanation (if required): This contract is covered by Airport Improvement Grants and Passenger Facilities Charges with the local match of \$7,895.			

Prior Board Action(s): 12/09/08: Board authorized bidding and award of the construction project; 12/12/06: Board awarded contract with Mead & Hunt for design services.

Alternatives - Results of Non-Approval: Airport will not be able to complete construction of the apron overlay and associated improvements.

Background:

The Airport, as part of its Capital Improvement Plan with the Federal Aviation Administration (FAA), has identified overlay projects for several apron areas. The FAA issued a grant to the Airport in 2006 for the design and environmental review for the overlay and repair of Apron A and associated taxiways. The environmental review has been completed and accepted. The design for this apron overlay was completed in fall 2008 and was approved for bidding in December, 2008. Bids were received, and the apparent low bidder was FEDCO in the amount of \$1,564,730, with contracts currently being processed for bid award by the Director of Transportation and Public Works. In December, when this project was bid, the Airport had not yet received the grants to cover the project; subsequently, the Airport has received one grant in the amount of \$1,244,001 with another grant expected mid April for additional funds totaling approximately \$500,000 to allow the completion of the project.

The award of this agreement is being requested for the purpose of construction administration services rendered after the award of a construction contract.

Scope of Services:

Phase I - Preconstruction: Consultant will arrange for and conduct the preconstruction conference, initial construction layout, prepare construction management plan, prepare project files, and perform grant administration assistance.

Phase II – Construction Management: The Consultant will provide the management engineering services required for the execution of the contracted work. A project manager will be assigned to the project and will be responsible for the overall administration and review of construction progress, as well as pay requests. The project manager will review and provide comment on project compliance issues for quality control testing performed by the apron paving contractor.

Phase III - Resident Engineering: The Consultant will include resident engineering, inspection, and construction administration for the duration of the project. A dedicated resident engineer will be assigned to this project, as well as inspectors and surveyors. The resident engineer will be on-site to coordinate and schedule staff, answer questions, observe quality control activities, process progress reports and pay requests, and record as-built changes. Additionally, the resident engineer will monitor compliance with plans and specifications, acquire field measurements, provide entries in the construction diary, assist in pay request processing, report on non-compliance issues, and record as-built changes.

(continued on next page)

Attachments: None

On File With Clerk: Draft Agreement

CLERK OF THE BOARD USE ONLY

Board Action (If other than "Requested")

Vote:

Phase IV – Post Construction Services: Consultant will arrange for and conduct the final inspection and documentation; prepare as-built plans, equipment manuals, and materials book; and, prepare the final construction report for submittal to the FAA.

The cost of the construction administration services agreement is \$185,000, and is eligible for 95% federal funding and the use of Passenger Facility Charges, with the local share estimated at \$7,895.

Department staff recommends Mead & Hunt, Inc., as the best contractor to perform these services. Mead & Hunt designed the construction project and will be able to answer the questions that arise out of the construction process. It is normal procedure for FAA projects for the original engineering firm to continue with the project through the entire process.

The Airport has not solicited for airport engineering consulting services in many years. Mead & Hunt was the successful engineering firm from the last bid process. The Airport is in the process of soliciting qualifications for the projects identified in the Airport's five (5) year capital improvement plan, and the proposal deadline date is May 8, 2009. Typically, due to timing of grants and the normal FAA process, projects like this one are broken down into three phases. The first phase is the environmental and design phase; the second is the bidding phase; and, finally, the last phase is construction resulting in a multiyear process. The process occurs in this fashion as the FAA requires grants to be based on bids and the completion of the environmental process. Typically the FAA works with the local sponsor to make sure the timing of the grants coincides with the timing of construction. This is the process the Airport followed for the Apron A overlay project.

The alternative to not using Mead & Hunt is to wait for the Airport's Request for Qualifications for airport engineering consulting services to be completed. It is estimated that a potential firm for approval under this process will not be ready for Board consideration until mid to late July. Approving this contract in advance of the completion of the RFQ process will allow the Apron work to commence by mid May and be complete about the time of the start of construction for the terminal renovation and expansion project. The renovation and expansion of the terminal building is anticipated to commence late June to early July and, due to staff constraints, the Airport is unable to oversee two major projects at one time, and the Apron A overlay project needs to be substantially completed before the start of the terminal project.

The Department originally had planned to do the construction administration services with County staff, and that Mead & Hunt would be used as a consultant only. Public Works staff has informed the Airport that they would not be able to handle these services as they are currently committed to handling public works economic stimulus projects and would have no available staff resources.

Recommendations:

Approve and authorize the Director of Transportation and Public Works to execute an Agreement for Construction Engineering Services with Mead & Hunt, Inc., in the amount of \$185,000 for Airport Apron A Rehabilitation and Improvements Project Construction Administration (Fourth Supervisorial District).