



PLACER COUNTY
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EDWARD N. BONNER
SHERIFF-CORONER-MARSHAL

STEPHEN L. D'ARCY
UNDERSHERIFF

To: Honorable Board of Supervisors
Date: September 12, 2006
From: Edward N. Bonner, Sheriff-Coroner-Marshall
Subject: Contract Approval for Helicopter Engine Rebuild

ACTION REQUESTED

Approve the helicopter engine rebuild as a turnkey solution to San Joaquin Helicopters of Rancho Murietta in the amount of \$105,436.52 plus engine component transportation costs contingent on approval of Risk Management as to specific insurance requirements. Authorize the Sheriff to execute the contract based on review and approval by County Counsel.

BACKGROUND

Military-based helicopter engines require an overhaul of major components (turbine and compressor) after 1,800 hours. Placer County Sheriff Air Operations unit investigated multiple options for the required overhaul. Through the Government Reutilization program staff investigated the possibility of getting an engine through Government Services Administration (GSA) and found the cost prohibitive at \$325,000.

The cost of an overhauled engine was expected to be about \$150,000. We were not able to locate a suitable engine for that price. The aid of Rice Aviation, a parts brokerage often used by the Sheriff's Department, was enlisted but they too were unsuccessful. At the suggestion of the helicopter maintenance contractor, San Joaquin Helicopters, the engine rebuild they use, Helipower, was contacted. Helipower had an overhauled compressor and turbine that meets our needs. Most of the other components on our current engine have a relatively low time. It was recommended to exchange our timed-out compressor and turbine for their overhauled units. More importantly, it is also the most cost effective solution.

A purchase request was submitted to Procurement that included the research from the Sheriff's Department. Procurement confirmed quotes from San Joaquin Helicopters and Helipower to have the engine rebuild and installation performed separately or as a turnkey solution from San Joaquin Helicopter. Based on recommendations from Risk Management, Procurement recommended the turnkey solution awarding the contract to San Joaquin Helicopters who would subcontract to Helipower for the rebuilt engine components. Even though the cost is about \$12,000 higher, Procurement and Risk Management felt this the best option to avoid more costly liability issues.

Time is of the essence in completing the overhaul to minimize the amount of time the helicopter was grounded. Therefore, it was agreed the Sheriff's Department would request approval of this turnkey solution to San Joaquin Helicopters for the engine rebuild and installation in the amount of \$105,436.52 plus transportation costs for the engine components. Your Board's authorization is also requested for the Sheriff to execute this contract based on Risk Management and County Counsel review and approval.

FISCAL IMPACT

Funding for the contract is included in the Sheriff's Department FY 2006-2007 Proposed Budget submitted to your Board.