

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

213



FROM: FIRE

SUBMITTAL DATE:
October 7, 2005

SUBJECT: SOLE SOURCE PURCHASE OF HELICOPTER HOIST and EQUIPMENT LEASE AGREEMENT WITH CALIFORNIA DEPARTMENT OF FORESTRY.

RECOMMENDED MOTION: That the Board:

1. Authorize Riverside County Fire Department (RCOFD) to sole source purchase one (1) rescue helicopter hoist, backup cable and hook assembly; and
2. Approve the Equipment Loan Agreement and authorize the Chairman to sign of behalf of the Board.

BACKGROUND: RCOFD received \$110,000 in grant funding to purchase one (1) internal, removable rescue hoist and backup cable for the helicopter short haul rescue program. The hoist offers a safer, more efficient, and less time consuming technique to extricate victims and rescuers from tenuous environments. Rescuers and victims can be hoisted back into the helicopter and loaded internally for a direct flight to the destination. Additional hoist benefits are: less personnel required to effect a rescue, reduced workload for the pilot at the most critical stage of the operation, elimination of the need to transition victim and rescuer to a landing zone while secured on a rope 50 to 100 feet below the helicopter, and a significant reduction in overall exposure to hazards such as rope failure, system malfunctions, and being drug through obstacles such as trees, wires, etc.

Purchasing: *[Signature]* Director

[Signature]
for Craig E. Anthony, County Fire Chief

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 119,474	In Current Year Budget:	Yes				
	Current F.Y. Net County Cost:	\$ 9,474	Budget Adjustment:	No				
	Annual Net County Cost:	\$ 0	For Fiscal Year:	05/06				
SOURCE OF FUNDS: 92% FY 2004 Homeland Security and Indian Gaming Grants, 8% Department Budget				<table border="1"> <tr> <td>Positions To Be Deleted Per A-30</td> <td align="center"><input type="checkbox"/></td> </tr> <tr> <td>Requires 4/5 Vote</td> <td align="center"><input type="checkbox"/></td> </tr> </table>	Positions To Be Deleted Per A-30	<input type="checkbox"/>	Requires 4/5 Vote	<input type="checkbox"/>
Positions To Be Deleted Per A-30	<input type="checkbox"/>							
Requires 4/5 Vote	<input type="checkbox"/>							

C.E.O. RECOMMENDATION: **APPROVE**

FORM APPROVED COUNTY COUNSEL

OCT 12 2005
BY *[Signature]*

County Executive Office Signature

Policy
 Policy
 Consent
 Consent
 Dept Recomm.:
 Per Exec. Ofc.:

Prev. Agn. Ref.: | **District:** All | **Agenda Number:**

**ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD**

3.21

TO: BOARD OF SUPERVISORS **DATE:** October 7, 2005

SUBJECT: SOLE SOURCE PURCHASE OF **PAGE:** 2
HELICOPTER HOIST

BACKGROUND (continued):

The rescue hoist would be an accessory on CDF Helitack Helicopter #301, model UH1 located at Hemet Ryan Air Base. This helicopter is well-suited for an internal, removable rescue hoist that does not require additional hardware for installation and meets specific design, performance, and quality specifications.

Research was conducted and documented to determine a manufacturer. It was determined that there are only two manufacturers of rescue hoist products approved by the Federal Aviation Administration (FAA) for helicopters. One of the two suppliers manufactures external hoists and the other, Goodrich Corporation, is the only manufacturer of internal-removal hoists approved by the FAA for use on aircraft such as Helicopter #301.

The external hoist requires modification to aircraft through the addition of a mounting kit. While the hoist would remain removable, the mounting kit would not. In addition, the mounting kit adds approximately 175 lbs of flight weight.

The internal hoist does not require a mounting kit and is completely removable. This feature allows the hoist to be removed for fire fighting functions without affecting flight weight and maneuverability for effective fire suppression operations. The internal hoist in turn allows the department to quickly add a hoist for rescue operations when required. It was therefore determined that only the Goodrich Corporation brand meets specific compatibility requirements.

Telephone surveys were conducted with San Bernardino, San Diego County Sheriff and Las Vegas Metro Police Departments to determine past performance of this supplier. All the departments indicated that they were satisfied with the equipment and would recommend the equipment to another department. This same type of hoist was used on a number of rescues in New Orleans during the recent hurricane disaster.

PRICE REASONABLENESS: The Goodrich Corporation provides a twenty percent discount to Government Agencies normally. However, Riverside County Fire was able to negotiate further discounts from list price as follows: 24% product # 42305-3, 22% product # 42305-179, and 44% product # 42305-296. The hoist comes with a three-year warranty and free maintenance training.

RCOFD and Riverside County Purchasing determined that rescue hoist unit #42305-3 meets all requirements and would like authorization to purchase through the sole source provider.

Financial Information:

92% (\$110,000) grant funded. 8% (\$9,474) in county funds included in the current budget would be added to complete the purchase.