

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

328



**FROM:** FIRE

**SUBMITTAL DATE:**

April 3, 2008

**SUBJECT:** Purchase of "10 Panasonic Toughbook" Computer product.

**RECOMMENDED MOTION:** Move that the Board of Supervisors'

1. Approve the purchase of 10 Panasonic Toughbook ruggedized computers to support the Fire Department's computer based mobile mapping project.
2. Approve "Panasonic Toughbook ruggedized computers" as the standard for the Riverside County Fire Department's mobile mapping project.

**BACKGROUND:** In 2004 the County of Riverside Fire Department established a Technology Taskforce to conduct research and develop a recommended standard for a department wide mobile mapping solution. The six members of the taskforce recommended the Panasonic Toughbook product line after reviewing other available computer hardware manufacturer's product lines. Field tests were conducted in the Temecula Battalion for Fire; units were deployed in Fire Engines, Medic Squads, Ladder Trucks, and Chief Officer vehicles.

John R. Hawkins, County Fire Chief

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	In Current Year Budget:	N/A
	Current F.Y. Net County Cost:	Budget Adjustment:	No
	Annual Net County Cost:	For Fiscal Year:	N/A

<b>SOURCE OF FUNDS:</b>	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

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

APPROVE  
  
BY: Robert Tremaine  
Robert Tremaine

**County Executive Office Signature**

RCIT:   
 Matthew Frymoyer, CIO  
 Department Concurrence  
 Purchasing:   
 Billy Corbett, Purchasing Manager  
 Polley  Consent   
 Bellay  Consent   
 Dep't Recomm.:   
 Per Exec. Ofc.:

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**BACKGROUND (continued):**

The decision was reached based on the following beneficial features and from references of the Panasonic Toughbook. This product is built to avoid damages that can occur such as: drops, spills, dust, extreme temperatures, and vibrations. Protecting the components most frequently damaged on a regular PC notebook.

The Riverside County Fire Department has 215 Panasonic Toughbook ruggedized computers currently deployed in its emergency vehicle fleet. Standardization on the Panasonic Toughbook ruggedized computers will lower the department's total cost of ownership by maintaining a consistent install base that enables continuity and ease of installation, maintenance, training, and support throughout the department.

Thousands of Toughbook units are currently utilized by a number of branches of the United States Military and Southern California Edison in harsh mobile field computing environments i.e.: extreme temperatures, dust, water exposure, and near constant vibration. These environments are very similar to those experienced by our Fire Department emergency response vehicle fleet. This Form-11 request was established at the recommendation of the County of Riverside Purchasing, Information Technology and Fleet Services Departments.

The ten units that are being purchased are for city contract fire stations and the total cost for each unit will be reimbursed through our cooperative agreement.

**PRICE REASONALBENESS:** Though the Panasonic Toughbook is a proprietary product there are multiple distributors available to provide competitive pricing to the County of Riverside meeting the County Purchasing Policy.