

138



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

**FROM:** Riverside County Regional Medical Center

**SUBMITTAL DATE:**  
10/11/2005

**SUBJECT:** Capital Equipment Purchase to upgrade the existing PACS Archive at Riverside County Regional Medical Center.

**RECOMMENDED MOTION:** That the Board of Supervisors:

- 1) Authorize the Chairman of the Board to approve the purchase agreement between Riverside County Regional Medical Center (RCRMC) and Philips Medical Systems N.A., without competition, for services, hardware, and software to upgrade the hospital's existing PACS Archive device.
- 2) Authorize the County Purchasing Agent to execute the purchase agreement.

**BACKGROUND:**

The PACS (Picture Archiving Communication System) has a multi-tiered archive system for long-term storage of patient images and has been in place at RCRMC since the opening of the new hospital in 1998. It stores all patient images to disks in the HP Jukebox and simultaneously to the Digital Linear Tape Drive. It is multi-tier for disaster recovery. Both of the deep archives are aging and requiring more frequent repair incurring longer and more frequent downtime.

(Continued on page 2)

FORM APPROVED  
COUNTY COUNSEL

OCT 11 2005

*Douglas D. Bagley*  
Douglas D. Bagley, Hospital Director

**FINANCIAL DATA**

Current F.Y. Total Cost:	\$59,433.52	In Current Year Budget:	Yes
Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
Annual Net County Cost:	\$ 0	For Fiscal Year:	07/05 - 06/06

**SOURCE OF FUNDS:** Enterprise Funds

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

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

**APPROVE**

**County Executive Office Signature**

*Dan Martin*

Dep't Recomm.:	<input type="checkbox"/>	Consent	<input type="checkbox"/>	Policy	<input checked="" type="checkbox"/>
Per Exec. Ofc.:	<input type="checkbox"/>	Consent	<input type="checkbox"/>	Policy	<input checked="" type="checkbox"/>

**Prev. Agn. Ref.:**

**District:**

**Agenda Number:**

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

**3 . 48**

Departmental Concurrence

Director

Purchasing:

**SUBJECT:** Capital Equipment Purchase to upgrade the existing PACS Archive device at Riverside County Regional Medical Center.

**Page 2**

**BACKGROUND (Cont.):**

At seven (7) years old, the Jukebox has surpassed industry standard lifespan for this type of computer equipment. Hewlett Packard, the manufacturer, does not make the parts anymore and does not offer a service contract. The response time for repair is now two (2) days with no guarantee to find parts. The drives fail regularly due to age and heavy use. The servers connected to the archives are also old and the company will not offer service contracts for them either, which means the uptime is not guaranteed. The existing servers have also reached their capacity to process software upgrades, which we do yearly.

The second tier of the archive is the Digital Linear Tape Drive, which is six (6) years old and not performing well. The company that manufactured it has sold out and is limiting support.

These two (2) pieces of equipment hold all of our patients' previous images and if we cannot store or retrieve images the Radiology Department cannot function. The physicians need to see images to treat patients.

This new system will replace both the Jukebox and Digital Linear Tape Drive. The services and associated hardware, software, integration, and migration of data is an add-on to the existing Philips PACS installed in the Radiology Department and can only be provided by Philips. The Archive and Web Browser were designed and customized to work specifically with the PACS currently installed, and are the newest technology.

Because this archive integrates with the Philips PACS, no additional interface/configuration development time or costs will be required. Also, Philips will be responsible for migrating data from the old archives to the new archive and they are familiar with the old data structures, which will reduce the time and cost for migration. Philips will not guarantee or warrant the integrity of the migration if performed by another vendor.

**PRICE REASONABLENESS:**

The proposed cost to upgrade the Archive System represents a savings of 34% off list price.

The vendor certifies that prices offered are the lowest or equal to any comparable customer, and are equivalent to the prices offered to Federal, State, or Local Government based upon negotiated State or Local Government contracts.

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Medical Center

**Page 3**

**FINANCIAL IMPACT:**

All costs for this Agreement will come from RCRMC Enterprise Funds.

The current fiscal year cost for six months is fifty-nine thousand four hundred thirty-three dollars and fifty-two cents (\$59,433.52).

The total cost for the 60 month period ending 2011 is five hundred ninety-four thousand three hundred thirty-five dollars and twenty cents (\$595,335.20).

**CONCUR/EXECUTE:** County Counsel  
County Purchasing