



Health Services
LOS ANGELES COUNTY

April 08, 2025



Health Services
LOS ANGELES COUNTY

Los Angeles County
Board of Supervisors

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The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

**AUTHORIZE THE SOLE SOURCE ACQUISITION OF VARIOUS
RADIOLOGY EQUIPMENT FOR LOS ANGELES GENERAL MEDICAL
CENTER
(SUPERVISORIAL DISTRICT 1) FISCAL YEAR 2024-25 (3 VOTES)**

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SUBJECT

Requesting authorization for the Director of the Internal Services Department (ISD), as the Los Angeles County (LA County) Purchasing Agent, to proceed with the sole source acquisition of various radiology equipment for the Department of Health Services' (DHS) Los Angeles General Medical Center (LA General).

IT IS RECOMMENDED THAT THE BOARD:

Authorize the Director of ISD, as LA County's Purchasing Agent, to proceed with the sole source acquisition of various radiology equipment detailed in Attachment A for the DHS' LA General, with a total estimated cost of \$3.710 million.

*"To advance the health of our patient
and our communities by providing
extraordinary care"*



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PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended action will authorize ISD, as LA County's Purchasing Agent, to proceed with the sole source acquisition of various radiology equipment for LA General. The current scanners are functioning at maximum capacity and are nearing end of life. The acquisition will allow LA General to replace the one current CT scanner and an additional Emergency Room (ER) CT scanner to keep pace with large volume of the ER CT request.

By way of background, the Board of Supervisors (Board) instructed the Director of DHS on February 5, 2013, to report back within 30 days on DHS protocols for prioritizing medical equipment purchases, maintenance and replacement throughout all of its facilities. On March 5, 2013, the Director provided his report to the Board, which described the criteria used to determine the priority and timing for replacement of medical equipment at all DHS facilities. Beginning in FY 2013-14, DHS established a \$10 million ongoing revolving fund to purchase and install the radiology equipment and make the necessary room alterations required to accommodate such equipment throughout DHS. DHS subsequently convened a group of subject matter expert radiologists and supply chain staff to assess DHS patient care needs for the future and thoroughly review available imaging technology in an effort to standardize imaging care across DHS, which will also provide the opportunity for group purchasing discounts; and ensure consistent integration with the Online Realtime Centralized Health Information Database system (ORCHID, formerly referred to as the Electronic Health Record Information System). This group has approved the use of these radiology funds to purchase the recommended radiology equipment for LA General identified in Attachment A.

Computed Tomography Equipment

Aquilion One Prism Edition CT (CT Scanner) is used in diagnosis and interventional treatment of emergent and non-emergent pathology. CT imaging is crucial in stroke, trauma, and oncology patients. LA General depends on CT for the function of its Level One Trauma Center. The current CT Scanners are functioning at maximum capacity and nearing end of life. The acquisition will replace one CT Scanner and one additional ER CT Scanner to keep pace with large volume of ER CT requests. DHS plans to purchase a proprietary CT Scanner from Canon because of the proprietary Advanced Intelligent Clear-IQ Engine, a spectral deep learning reconstruction technology, which is able to differentiate between true signal and noise to produce high quality scans without decreasing speed nor increasing dose.

Nuclear Medicine Equipment

SPECT Symbia Evo (SPECT) unit is used in Nuclear Medicine to capture diagnostic imaging after the injection of a patient with radioisotopes. The current gamma cameras in Nuclear Medicine are at end of life and experiencing more frequent downtime. The acquisition of the one SPECT will replace the current end of life equipment. DHS plans to purchase a proprietary SPECT from Siemens. The SPECT design is proprietary and protected by patents. The SPECT unique capabilities have the productivity package which includes Automatic Collimator Exchanger and Automatic Quality Control which improve system productivity. Automatic collimator changer allows for two sets of collimators (typically low and medium), to be stored in the integrated collimator changer under the patient table. These collimators can be exchanged at the push of a button. This allows the technologists to be more productive and focus more on the patient. The Automatic Quality Control performs intrinsic, extrinsic, and Center of Rotation on the schedule chosen by the department so the SPECT quality control is complete upon start of the workday. The results of the daily quality control are displayed upon technologist daily arrival. This feature allows them to be more productive.

The establishment of the capital project for the necessary room alterations to accommodate the equipment will be submitted for the Board's approval via separate Board letter and related appropriation adjustment, at a future date.

Implementation of Strategic Plan Goals

This recommendation supports North Star 1 – A “Healthy Individuals and Families” and North Star 3 – G “Internal Controls and Processes” of LA County’s Strategic Plan.

FISCAL IMPACT/FINANCING

The total estimated acquisition cost is approximately \$3.710 million and is funded within DHS’ existing resources. The estimated acquisition cost includes the equipment identified in Attachment A, installation, 12-month service warranty, freight, and tax. There is no net County cost impact associated with the recommendation.

Operating Budget Impact

DHS will request and fund the associated ongoing maintenance, as needed, with departmental resources in future budget phases.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

On October 16, 2001, the Board approved the classification categories for fixed assets and new requirements for major fixed asset (now referred to as capital asset) acquisitions requiring LA County departments to obtain Board approval to acquire or finance equipment with a unit cost of \$250,000 or greater prior to submitting their requisition to ISD.

CONTRACTING PROCESS

The acquisition of equipment falls under the statutory authority of the LA County Purchasing Agent and will be accomplished in accordance with LA County’s purchasing policies and procedures for sole source purchases.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the recommendation will ensure continued provision of CT scanner availability to all ER patients, Outpatients, and Inpatients. The additional CT scanner requested for the ER will ensure quicker turnaround times and reduce backlogs of ER patients, whose CT exams are performed to provide timely diagnosis and treatment of acute illness and trauma. Also, approval will ensure continued provision of Nuclear Medicine examinations with state-of-the-art SPECT systems.

The Honorable Board of Supervisors

4/8/2025

Page 4

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Christina R. Ghaly".

Christina R. Ghaly, M.D.

Director

CRG:jc

Enclosures

c: Chief Executive Office
County Counsel
Executive Office, Board of Supervisors
Internal Services Department

ATTACHMENT A

COUNTY OF LOS ANGELES
DEPARTMENT OF HEALTH SERVICES
LOS ANGELES GENERAL MEDICAL CENTER
MEDICAL EQUIPMENT OVER \$250,000
FISCAL YEAR 2024-25

No.	Category	Vendor	Equipment Description	Quantity	Estimated Cost
1	Computed Tomography	Canon	Aquilion One Prism Edition CT	1	\$1,686,000
		Canon	Aquilion One Prism Edition CT	1	\$1,636,000
2	Nuclear Medicine	Siemens	SPECT Symbia Evo	1	\$388,000
		Total		3	\$3,710,000