



ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

43 October 8, 2024

Los Angeles County
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October 08, 2024

Edward Yen
EDWARD YEN
EXECUTIVE OFFICER

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 ACQUISITION OF THE DELL CYBER RECOVERY
EXPANSION FOR DEPARTMENT OF HEALTH SERVICES FISCAL YEAR
2024-25
(ALL SUPERVISORIAL DISTRICTS) (3 VOTES)**

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**CIO RECOMMENDATION: APPROVE (X) APPROVE WITH MODIFICATION
()
DISAPPROVE ()**

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

SUBJECT

Authorize the Director of the Internal Services Department (ISD), as the Los Angeles County (LA County) Purchasing Agent, to proceed with the brand specific acquisition of the Dell Cyber Recovery (DCR) expansion for Department of Health Services (DHS) with a purchase cost in excess of \$250,000.

IT IS RECOMMENDED THAT THE BOARD:

ADOPTED

Authorize the Director of ISD, as LA County's Purchasing Agent, to proceed with the brand specific acquisition of the DCR expansion for DHS, with a total estimated cost of \$770,000.



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EXECUTIVE OFFICER

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended action will authorize ISD, as LA County's Purchasing Agent, to proceed with the brand specific acquisition of the DCR expansion to the existing DHS data protection system located at Data Center 1. The acquisition of the DCR expansion will allow DHS to support the air gapped backup services and expands DHS' capability to provide business continuity to serve the clinical and business operations to all DHS facilities.

To mitigate security risks, it is essential for DHS to apply a robust data protection framework to prevent, detect, and respond to cyber-attacks. DHS is protecting all critical technical configurations for all DHS facilities and three of the most critical clinical applications including Fuji PACS, Magview, and Fluency and is now working on adding Affinity Revenue Cycle to this solution.

DHS plans to purchase the expansion of the DCR solution as it is the same brand as DHS' existing Enterprise air gapped backup solution used at the DHS facilities. The DCR solution will continue to provide an easy to manage, flexible architecture that meets DHS' Enterprise needs in a cost-effective manner. This acquisition will increase the existing capacity from 25% to 75% of the backup environment. Other brands cannot be connected to DHS' Integrated Data Protection Appliances (IDPA). Other alternative solutions were assessed and considered; however, DCR was the only solution to scan the backup for malware such as Ransomware on our existing virtual desktop infrastructure, structure query language, and mission critical clinical workloads. The DHS Technical Steering Committee found the DCR solution to have more capabilities and more cost effectiveness than similar products. Alternative solutions cannot be connected to DHS' IDPA and will increase the risk for future security failure and data loss which will negatively affect patient care and cost more.

Implementation of Strategic Plan Goals

The recommended action supports LA County Strategic Plan North Star Strategies 1-A "Healthy Individuals and Families" and North Star 3-E(i) – "Pursue Data-Driven Decision Making, Operational Effectiveness, Fiscal Responsibility, and Accountability."

FISCAL IMPACT/FINANCING

The total estimated acquisition cost is approximately \$770,000. The cost includes the hardware, software, 12-month manufacturer warranty, 12-month support, freight, and tax. Funding is included in the DHS Fiscal Year 2024-25 Adopted Budget. There is no net County cost impact associated with the recommendation.

Operating Budget Impact

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

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

On October 16, 2001, the Board of Supervisors (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.

In compliance with Board Policy 6.020 "Chief Information Office Board Letter Approval", the Office of the Chief Information Officer reviewed the information technology (IT) components of this request and recommends approval. The OCIO determined that this recommended action only increases the capacity of the existing data protection solution and does not include any new technology that would necessitate a formal written CIO Analysis.

CONTRACTING PROCESS

This is a commodity acquisition 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 brand specific purchases.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the recommendation will ensure that DHS to continues to provide a secure backup environment, ensuring mission critical datasets are recoverable if outside threats infiltrate the production environment and compromise the traditional backup data.

Respectfully submitted,



Christina R. Ghaly, M.D.
Director



Peter Loo
Chief Information Officer

CRG:jc

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