



**MEMORANDUM  
INFORMATION TECHNOLOGY**  
County of Placer

**TO:** Honorable Board of Supervisors **DATE:** April 19, 2022  
**FROM:** Jarrett Thiessen, Chief Information Officer  
**BY:** Dieter Wittenberg, Information Technology Manager  
**SUBJECT:** Uninterruptible Power Supply Unit Replacement

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**ACTIONS REQUESTED**

1. Authorize the purchase of one new Uninterruptible Power Supply unit, including one year of system maintenance, from Modal Networks of Sacramento, CA in the amount of \$116,000.
2. Approve Budget Amendment #AM-00626 to increase appropriations by \$116,000 in the Information Technology Department budget, utilizing reserves for Capital Assets for purchase of the UPS hardware.
3. Authorize change orders not to exceed an aggregate amount of \$11,600 consistent with the Placer County Procurement Policy.
4. Authorize the Purchasing Manager to sign all required documents and add the equipment to the Master Fixed Asset List.

**BACKGROUND**

The Information Technology Department is responsible for the administration, support, and maintenance of the County's Enterprise Data Network including various standalone Uninterruptible Power Supply (UPS) units deployed to support critical data and network systems during commercial power outages.

The Information Technology Department hired Modal Networks to perform a comprehensive analysis of the County's existing UPS environment within Building 501.

During this analysis the following items were discovered:

- Current system was purchased in 2012
- Current system is at 88% capacity
- Current system will not support future County project growth needs

The analysis concluded that the existing UPS unit in Building 501 requires replacement to support projected power needs.

On March 30, 2022, Modal Networks presented County staff with a proposal in the amount of \$116,000 to provide a turnkey solution for the acquisition, site preparation, and installation of a centralized Vertiv-Liebert UPS system for Building 501. The UPS system being proposed is configured to support an average runtime of 60 minutes, protect equipment from virtually all power disturbances including blackouts, brownouts, sags, surges, or noise interference and includes an advanced system monitoring application that automatically notifies County staff when alarm conditions are encountered. The proposed Vertiv-Liebert solution meets current County

Information Technology standards and is comprised of \$111,700 in equipment costs including tax and freight, \$4,300 for startup costs, and includes the first year of system maintenance.

Modal Networks' proposal is based on the National Cooperative Purchasing Alliance, a competitively bid contract that supplies public schools, libraries, and local government agencies with Vertiv-Liebert brand equipment at a volume discount rate below the manufacturer's list price. Your Board's authorization of the purchase is needed to proceed. In accordance with Purchasing Policy Manual, Section 1.3(e)(3), purchases against another public agency's competitively awarded contract are exempt from competition. Modal Networks' proposal meets this criterion.

#### **ENVIRONMENTAL IMPACT**

The requested action is exempt from environmental review pursuant to CEQA Guidelines section 15301 (Existing Facilities).

#### **FISCAL IMPACT**

Total cost of this purchase will be \$116,000. A FY2021-22 Budget Amendment #AM-00626 is required to increase appropriations by \$116,000 in the CC01004 - Information Technology Department budget, utilizing reserves for Capital Assets for purchase of the network hardware.

#### **ATTACHMENTS**

1. Budget Amendment Spreadsheet

**Budget Amendment: FY2022 - Placer County Budget - Detail Level on 03/31/2022 : AM-00626**

**Company** CO100 County of Placer  
**Budget Template** Placer County Budget -  
 Detail Level : 2021-22  
 Placer County - Detail Level  
  
**Budget** 2021-22 Placer County -  
 Detail Level  
**Organizing Dimension Type**  
**Amendment ID** AM-00626  
**Amendment Date** 3/31/2022  
**Description** Network Core Facility UPS  
 Replacement  
**Amendment Type** Finance Non-Technical  
**Balanced Amendment** No  
**Entry Type** Original  
**Status** In Progress

<b>Budget Amendment Entries</b>								
Period	*Ledger Account/Summary	*Fund	*Cost Center	*Program	Debit Amount	Credit Amount	Memo	Exceptions
FY2022 Year (2021-22 Placer County - Detail Level)	54450.Equipment	FD20302 Information Technology Systems Services Fund	CC01004 Information Technology Services	PG010007 Phone/NIS/Media Services	\$116,000.00	\$0.00	Network Core Facility UPS Replacement. Funded with Reserves	

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**Attachments**

<b>Attachment</b>	<b>Alternative Text</b>	<b>Attachments File Name</b>	<b>Upload Date</b>	<b>Comment</b>
COMIT UPS UPGRADE BOARD MEMO v2.docx Placer County - LIEBERT - UPS - COM IT - EXM - 40KVA - plus BATTERY CABS....pdf		COMIT UPS UPGRADE BOARD MEMO v2.docx Placer County - LIEBERT - UPS - COM IT - EXM - 40KVA - plus BATTERY CABS....pdf	3/31/2022 15:09	BOS Memo  UPS equipment quote

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**Process History**

Process	Step	Status	Completed On	Due Date	Person (Up to 5)	All Persons	Comment
Budget Amendment Event	Budget Amendment Event	Step Completed	3/31/2022 15:09	4/1/2022	Melissa G Spak (51231342)	1	
Budget Amendment Event	Review Budget Amendment	Not Required		4/1/2022		0	
Budget Amendment Event	Approval by Department Head or Designee	Awaiting Action			Jarrett Thiessen (51234702) (Department Head or Designee )	1	

