

## Expansion of SAN hardware

## Project Summary

Location: Citywide  
 Department: Information & Technology Services  
 Status: Planning  
 Unit Number: 12510

**Budget Amount: \$800,000**  
 Budget Year: 2013  
 Project Start Date: July 2012  
 Anticipated Completion Date: June 2013

Replacement and/or consolidation of existing SAN infrastructure to relieve capacity and management challenges. Proposal calls adding overall capacity by expanding existing tier 1 array (EMC VNX) and purchasing a tier 4 storage appliance. Also, three of four storage arrays currently requiring extended support will be retired to reduce on-going maintenance expenses.

## Financial Details

<u>Project Phase</u>	<u>Original Budget</u>	<u>Current Estimate</u>		
Equipment:	\$800,000	\$800,000	<b>Current Estimate:</b>	<b>\$800,000</b>
Services:	\$0	\$0	<b>Expenditure to Date:</b>	<b>\$0</b>
Software:	\$0	\$0	<b>Percent Complete:</b>	<b>0%</b>
<b>Project Total:</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>Funding Source:</b>	<b>CPS Resources</b>
			<b>Operating Impact:</b>	<b>\$0</b>

## Details

Scope

Existing CPS Storage vendor will provide a detailed data migration plan to move data from legacy storage arrays to new solution. Once implemented, the new storage solution will provide double the existing tier 1 capacity, on fully warranted hardware with technologies such as Flash cache, thin provisioning, data tiering and de-duplication. The implementation of the new solution will also result in reduction of physical footprint in datacenter as well as the ongoing environmental costs such as cooling and electricity.