



**Information Technology
COUNTY OF TULARE
AGENDA ITEM**

BOARD OF SUPERVISORS

ALLEN ISHIDA
District One

CONNIE CONWAY
District Two

PHILLIP A. COX
District Three

J. STEVEN WORTHLEY
District Four

MIKE ENNIS
District Five

AGENDA DATE: April 1, 2008

Public Hearing Required	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Published Notice Required	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Advertised Published Notice	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Meet & Confer Required	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Personnel Resolution attached	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Resolution, Ordinance or Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>			
CONTACT PERSON: Peg Yeates PHONE: 559-636-4805			

SUBJECT: Approval of fixed asset, San Expansion Unit

REQUEST(S):

That the Board of Supervisors:

1. Approve the purchase of a fixed asset for the San expansion unit that consists of XIOTECH 8 terabytes of disk storage and the necessary racks, fiber ports, and server blades for equipment \$324,658.
2. Approve the necessary budget adjustments per the attached AUD308. (4/5th vote required)

SUMMARY: Tulare County implemented a SAN system for running their applications and storing their data which is now out of space. Approximately one- third of the county's systems were placed on this solution and additional systems moved to this environment during the last fiscal year. The SAN environment provides faster, more reliable disk space. It also lends itself to better implementation of security and backups. There is a variety of needs within the County today to move more systems to this environment. Some servers have completely run out of space while others are quickly exhausting the space available to them. This not only impacts the ability to store data but as space runs out the performance of the system degrades. The County wants to continue improvement of its server farm. This project will allow us to do that by purchasing another C class enclosure, a cabinet with additional blade servers servers that utilize the SAN. This will add space to the current storage area network, and purchase additional fiber ports for server connectivity. This will allow the County to move more systems to the robust SAN space and provide the additional

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storage needed for applications.

FISCAL IMPACT/FINANCING:

The cost of the San expansion is \$324,658. The Net County Cost is \$324,658

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

The County's five-year strategic plan includes the Organizational Performance Initiative to which this purchase applies because the ability of the County to store data electronically continues to increase. Electronic storage makes the data more readily available allowing departments to improve the performance by utilizing digital tools.


ALTERNATIVES:

If we do not address this issue many of the servers will run out of space and the systems will crash. The information may be corrupted when this happens and consequently be unrecoverable. We could discontinue the continued implementation of the Questys imaging and workflow and begin adding more disk space to individual servers that can be expanded. In the most cases we will not be able to add additional space and will need to replace the actual servers to get the space that is needed. This will not do an adequate job of providing for future needs.

INVOLVEMENT OF OTHER DEPARTMENTS OR AGENCIES:

All departments have servers that are approaching this critical need. Most of the departments utilize Questsys and have plans to increase their usage in the future.

ADMINISTRATIVE SIGN-OFF:



Peg Yeates
Information Technology Director

Cc: Auditor/Controller
County Counsel
County Administrative Office (3)

Attachment(s)
AUD 308

