BOARD OF SUPERVISORS

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Information Technology Department
COUNTY OF TULARE
AGENDA ITEM

AGENDA DATE: February 9, 2010 Revised

Public Hearing Required	Yes ☐	No ☒	N/A ☐
Scheduled Public Hearing w/Clerk	Yes ☐	No ☐	N/A ☒
Published Notice Required	Yes ☐	No ☒	N/A ☐
Advertised Published Notice	Yes ☐	No ☐	N/A ☒
Meet & Confer Required	Yes ☐	No ☒	N/A ☐
Electronic file(s) has been sent	Yes ☒	No ☐	N/A ☐
Budget Transfer (Aud 308) attached	Yes ☒	No ☐	N/A ☐
Personnel Resolution attached	Yes ☐	No ☐	N/A ☒

Resolution, Ordinance or Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s) Yes ☒ No ☐ N/A ☐

CONTACT PERSON: Peg L Yeates   PHONE: 636-4806

SUBJECT: Purchase and implementation of an MS SQL system for the County of Tulare.

REQUEST(S):

That the Board of Supervisors:

1. Approve the purchases necessary for the new MS SQL system not to exceed $462,347.

2. Approve the Fixed Asset purchases of Servers, Power unit, and SAN upgrade devices not to exceed $285,424 to provide a mirrored and clustered environment for our SQL databases subject to the approval by California Health and Human Services Agency Office of Systems Integration (OSI) of the Advanced Planning Document (APD).;

3. Approve the purchases of Software, licensing, professional implementation services not to exceed $176,923 to provide a mirrored and clustered environment for our SQL databases, subject to the approval by California Health and Human Services Agency Office of Systems Integration (OSI) of the Advanced Planning Document (APD).;

4. Approve the necessary budget adjustments per the attached AUD 308 (4/5ths vote required).

SUBJECT: Purchase and implementation of a new MS SQL database system for the
              County of Tulare
DATE: February 9, 2010

SUMMARY:

Currently the CIS database is growing at an astronomical rate and with the data already stored on the data warehouse the storage is becoming costly and requires a lot of time to run reports on the system. The system is also at maximum capacity. A much more efficient method of storage and failovers are needed for this database. Also, the current File Net database is 4 to 5 years old and nearing or at end of life.

The current database configuration has been reviewed for both systems by the IT DBA team and does not meet the Human Services Business Continuity Requirements. So the IT DBA Team has recommended that we build a high availability SQL server backend and move the File Net and CIS databases to this new environment. If the File Net system is migrated to another document imaging vendor in the future, this same database backend can still be used for that system. Both systems today rely on tape for restore if the system is lost. This project will create a redundant server farm that can be restored in hour's verses days in the event of a total system failure or data center loss.

Therefore, IT recommends that we create an environment for the CIS and File Net databases to be stored where there is improved redundancy and access to the data.

The goal of this project is to allow for a redundant database system, improved access times and improved availability of the databases. In order to meet this goal, the objectives of the project are to implement:

- Additional storage for both systems
- Improved redundancy of the database system so that down time within the system is minimized.
- Improved access of the data in both systems
- Improved availability of the database

The following are a list of benefits that will be realized by this project:

- The project will allow the File Net and CIS systems to improve their access times.
- It will provide the additional storage needed for the CIS system.
- It will provide a less expensive environment for the CIS system to be run in.
- It will provide improved database support for MS SQL.
- The County would have improved means of responding to potential viruses and other security threats detected by the Sophos anti-virus software, which is limited without an Active Directory.

The purchases for this project will be made through a vendor chosen from the California Multiple Awards Schedules (CMAS) vendor list, a list regularly used by governmental entities. CMAS offers a wide variety of commodities, non-IT services,

SUBJECT: Purchase and implementation of a new MS SQL database system for the County of Tulare

DATE: February 9, 2010

and information technology products and services at prices which have been assessed to be fair, reasonable, and competitive.

FISCAL IMPACT/FINANCING:

The state will provide the $462,347 total cost of the system, the revenue and expense will be budgeted in 001-142-4030, 001-142-4032 and 001-142-4036.

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

This project contributes to the County strategic goal of improved organizational performance by allowing us to reliably provide database services for our MS SQL data and systems for the County of Tulare.
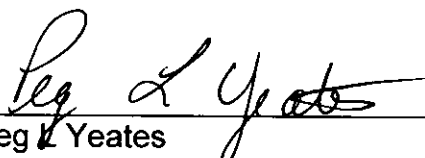
ALTERNATIVES:

The Board could choose not to proceed with the project. This would require the County and HHSA to remain on their current database system. Currently, the CIS system will be without enough space to increase by the end of the fiscal year and in the event of a database failure would take hours to recover.

INVOLVEMENT OF OTHER DEPARTMENTS OR AGENCIES:

County Administrative Office
Health and Human Services Agency

ADMINISTRATIVE SIGN-OFF:

Peg K Yeates
Information Technology Director

Cc: Auditor/Controller
    County Counsel
    County Administrative Office (2)

Attachment: AUD 308 Budget Adjustment Form

BEFORE THE BOARD OF SUPERVISORS
COUNTY OF TULARE, STATE OF CALIFORNIA

IN THE MATTER OF Purchase and)
Implementation of new MS SQL database)   **RESOLUTION NO.** _____
System for the County of Tulare   )   **AGREEMENT NO.** _____

UPON MOTION OF SUPERVISOR _____,   SECONDED   BY

SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE

BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD _____

_____, BY THE FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: JEAN M. ROUSSEAU
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
               Deputy Clerk

* * * * * * * * * * * * * * * * * *

1. Approved the purchases necessary for the new SQL database system not to exceed $462,347.

2. Approved the Fixed Asset purchases of Servers, Power Unit, Server Enclosures, and SAN upgrade not to exceed $285,424 to provide a data backup and recovery system subject to the approval by California Health and Human Services Agency Office of Systems Integration (OSI) of the Advanced Planning Document (APD).;

3. Approved the purchases of Software, licensing, professional implementation services not to exceed $176,923 to provide a data backup and recovery system, subject to the approval by California Health and Human Services Agency Office of Systems Integration (OSI) of the Advanced Planning Document (APD).;

4. Approved the necessary budget adjustments per the attached AUD 308 (4/5ths vote required).

02/02/10		08/10	2010

	Information Technology	Angela Rose	636-4804

C	001	142		1422				2,288,476	2,750,823	

Action** A,C,D	Fund	Dept	Unit	Appr #	Object	Rev		Current Amt	Revised Amount	Inc / Dec Amt
C	001	142	4030	1422	2200			1,302,121	1,408,275	
C	001	142	4030			5110		29,583,648	29,601,341	
C	001	142	4030			5610		7,706,034	7,794,496	
C	001	142	4032	1422	2200			711,355	782,124	
C	001	142	4032			5110		10,163,607	10,198,991	
C	001	142	4032			5610		26,962,216	26,997,600	
A	001	142	4036	1422	2200			275,000	560,424	
C	001	142	4036			5110		3,739,156	4,024,580	

Perform a SMART BUDGET ROLL-UP before VALIDATING.

Adjust accounting lines to allow for the purchases necessary for the new MS SQL system.

First Departmet Signature

Second Department Signature

** Action Codes: A=Add, C=Change, D=Deactivate
* Whenever a 33XX account budget is adjusted, a corresponding 67XX account revenue budget must be adjusted in the billing agency.
* Whenever a 35XX account budget is adjusted, a corresponding 68XX account revenue budget must be adjusted in the billing agency.
* Whenever a 36XX account budget is adjusted, a corresponding 39XX account revenue budget must be adjusted in the billing agency.

AUD 308 (Revised 04/04/07)