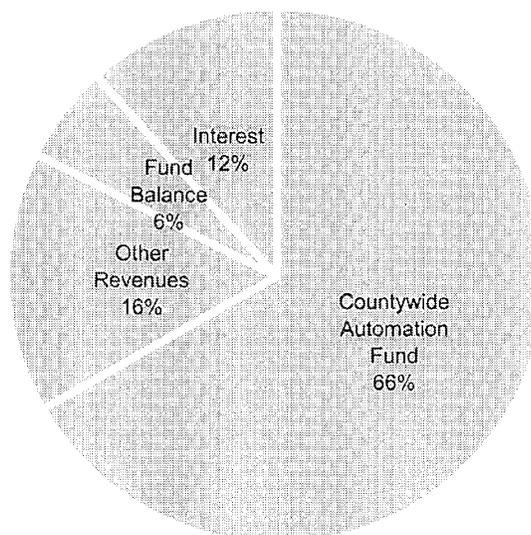


PURPOSE

To provide funding for implementation of countywide automation systems and information needs to enhance the performance and productivity of public services.

	2005-06	2006-07	2007-08	2007-08	2007-08
<u>Financial Summary</u>	<u>Actual</u>	<u>Actual</u>	<u>Requested</u>	<u>Recommended</u>	<u>Adopted</u>
Revenues	\$ 2,941,012	\$ 2,676,238	\$ 374,030	\$ 2,994,731	\$ 2,994,731
Fund Balance Available	\$ 191,842	\$ 813,196	\$ 180,000	\$ 180,000	\$ 548,983
Cancelled Reserves	774,435	2,757,770	0	0	0
Total Financing Sources	\$ 3,907,289	\$ 6,247,204	\$ 554,030	\$ 3,174,731	\$ 3,543,714
Salary and Benefits	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Services and Supplies	1,525,352	1,419,127	1,622,837	1,985,437	1,985,437
Other Charges	0	0	0	0	0
Fixed Assets	717,201	485,548	1,340,794	1,189,294	1,189,294
Gross Expenditures	\$ 2,242,553	\$ 1,904,675	\$ 2,963,631	\$ 3,174,731	\$ 3,174,731
Contingencies	0	0	0	0	0
New Reserves	1,791,842	2,090,092	0	0	368,983
Total Financing Requirements	\$ 4,034,395	\$ 3,994,767	\$ 2,963,631	\$ 3,174,731	\$ 3,543,714

Source of Funds



SERVICE PROGRAMS

Countywide Automation Replacement

Provides for the implementation of new and replacement automation systems and equipment which allow for the continuation of essential County services as identified and approved by the Board of Supervisors.

Total Expenditures: \$3,174,731 Total FTE: 0.0

COUNTY ADMINISTRATOR'S COMMENTS AND RECOMMENDATIONS

This fund center addresses the replacement and upgrade of large-scale automation equipment and systems as identified by the Information Technology Department. Funds to support Countywide Automation Replacement (approximately \$2.1 million for Fiscal Year 2007-2008) come from the General Fund through overhead charges. Information technology projects approved by the Information Technology Executive Steering Committee are included in this fund center and are generally funded by a mix of the annual General Fund contribution from overhead, automation reserves and, at times, by departments benefiting from the automation solution. This fund is not utilized for the replacement of personal computers – these items are included in departmental budgets.

The projects and equipment recommended in this budget total \$3,174,731 for FY 2007-2008 and are as follows:

Information Technology Executive Steering Committee Recommended Projects (\$2,489,024):

- Case Management System for the Probation Department \$1,000,000
- Budget Preparation Replacement System \$725,274
- (Both projects above are part of the overall plan to migrate systems from the mainframe)
- Fiber Optic Cable as part of the Nacimiento Water Project \$450,000
- Data Archiving for the Enterprise Financial System \$170,000
- Voice Over Internet Protocol Pilot \$68,750
- Geographical Information Systems (GIS) Strategic Planning \$50,000
- Request for Proposal to develop an eGovernment ePayment system \$25,000

Replacement Equipment and Projects (\$239,000):

- Frame Relay Circuit Replacement (for the communications system to increase network speeds and reduce on-going circuit costs) \$100,000
- External Agency Router Replacement to replace aging communication systems and reduce maintenance costs (this router is used by external agencies to access County-owned systems) \$25,000
- Mammoth Portal Replacement to replace existing hardware that has passed its useful life and to simplify network management \$30,000
- Wireless Switch Upgrade to allow for expanded use of wireless network connectivity \$20,000
- Global Positioning System Time Clocks to improve to accuracy of time stamps for network access and to reduce security risk associated with the current time-stamping approach \$12,000
- Server Replacement Program (servers are replaced every 5 years to ensure system stability and minimize systems management costs) \$52,000

Projects to Improve Security and Business Continuity (\$361,207)

- Intrusion Detection Software and hardware to detect unwanted access to County systems (e.g. network traffic and server access) \$95,000
- A Second Blade Center to augment the existing center that is nearing full capacity and to facilitate disaster recovery \$187,000
- Enterprise Financial System (EFS) Business Continuity (i.e. will allow for the creation of a back up system, at a remote location, for the EFS) \$79,207
- Public Safety Radio Communications Replacement \$85,500*

*\$81,500 in replacement of radio communication equipment will be deferred to Fiscal Year 2008-2009.

Revenues reflected in the recommended budget include \$261,475 from the Public Works Internal Service Fund to contribute to the cost of the Fiber Optic Cable as part of the Nacimiento Water Project. This project will allow for building connectivity between San Luis Obispo and facilities in the north county. These funds come from a payment made by Charter Communications under the terms of the Franchise Agreement. In addition, \$240,000 will be contributed by the Probation Department to help fund the cost of the Case Management System.

It is important to note that the funds budgeted for the Probation Case Management system are found in the Professional Services Account. Once contract negotiations are completed with the selected vendor and cost details are better known, the Information Technology Department will bring the contract and a budget adjustment to reallocate these funds to the appropriate accounts within services and supplies. In addition, labor costs incurred by the Information Technology Department associated with most of these projects are reflected in Fund Center 114 – Information Technology. The exception to this is \$516,884 for work on the Budget Preparation Replacement System and the \$25,000 for the Request for Proposal to develop an eGovernment ePayment system, which are included in this Fund Center.

Included in the budget request was the purchase and implementation of the Business Intelligence module for the Enterprise Financial System (EFS). The purpose of this module is to enhance the reporting functionality of the EFS system and provide for "ad hoc" reporting to manipulate and analyze the data in the EFS system as needed by the users. We have not included funding for this system in the recommended budget because we are in the process of conducting a pilot of this module to ensure it meets our needs before moving to full implementation. That pilot will not be completed until later in the 2006-2007 Fiscal Year.

BUDGET AUGMENTATION REQUESTS RECOMMENDED

Unit Amount	Description	Results
Gross: \$1 million: General Fund support: \$760,000 (\$240,000 from Fund Center 139 – Probation)	Probation Case Management System that will enable improved coordination and exchange of information with other law enforcement agencies. (This is part of the County's overall plan to migrate systems off the mainframe.)	<ul style="list-style-type: none"> ▪ Reduce the time between intake and assignment to a Probation Officer from 30 days to 1 day (which improves compliance to court orders and enhances public safety). ▪ Save approximately 15 hours/week in Probation Officer staff time spent inputting data, allowing more time for case management to reduce recidivism and potentially increase delivery of reimbursable services (thus increasing revenue). ▪ More easily identify high-risk offenders so that time can be more effectively spent working with these clients. ▪ Ensures opposing gang members are not placed together when housed at Juvenile Hall (by diagramming the Juvenile Hall during the admission process).

Unit Amount	Description	Results
Gross: \$725,274 General Fund support: \$725,274 (Funding comes from Countywide Automation)	Budget Preparation Replacement system	<ul style="list-style-type: none"> ▪ Avoid system obsolescence (The current system is based on an obsolete DOS-based software program.) ▪ Improve data integrity and reduce the occurrence of significant data problems so that there are 0 data errors within two years of operation. (The current system experienced 10 errors for the FY 2007-2008 budget process.) ▪ Improve the user interface (to a more user-friendly Windows or web-based interface.) ▪ Meet at least 75% of the user-identified system requirements. (The current BP system meets only 47% of these requirements.)
Gross: \$450,000 General Fund support: \$188,525 (\$261,475 from the Public Works Internal Service Fund)	Fiber Optic Cable as part of the Nacimiento Water Project to provide building connectivity (between facilities in San Luis Obispo and various north county locations)	<ul style="list-style-type: none"> ▪ Provide backbone (infrastructure) for network connections to north county facilities for the next 30 years. ▪ Potential savings from paying 3rd party vendors of potentially \$77,112 per year or \$2,313,360 over the life of the project (assumes replacing 17 T-1 lines in North County.)
Gross: \$170,000 General Fund support: \$170,000	Data Archiving for the Enterprise Financial System – a common component of any large information technology system usually installed as the production database approaches its optimal maximum level.	<ul style="list-style-type: none"> ▪ Prevent a slowing of data access in the EFS due to accumulated data that can be archived. ▪ Ensure timely restoration of the EFS system in case of catastrophic failure (i.e. optimize time to restore the system as the size of the database grows). ▪ Maintain optimal time to produce quality back up of data (currently completed by 7 am of each day).
Gross: \$68,750 General Fund support: \$68,750	Voice Over Internet Protocol Pilot	<ul style="list-style-type: none"> ▪ \$392,360 in potential cost savings on telephone service if the pilot is successful and the system is implemented countywide.
Gross: \$50,000 General Fund support: \$50,000	To hire a consultant with Geographic Information System (GIS) expertise to develop a GIS Strategic Plan for the County	<ul style="list-style-type: none"> ▪ To determine the appropriate staffing and financing of GIS technology and identify GIS technology needs for the future. ▪ To coordinate current and future GIS efforts in different departments into an “enterprise” approach to ensure consistency, integration capabilities, etc. ▪ Reduce redundancy and duplicative investments in technology, licenses and efforts.

BUDGET AUGMENTATION REQUESTS NOT RECOMMENDED

Unit Amount	Description	Results
Gross: \$757,400 General Fund support: \$757,400	Business Intelligence module for the Enterprise Financial System	<ul style="list-style-type: none"> ▪ Enhance the reporting functionality of the EFS system. ▪ Provide for "ad hoc" reporting to manipulate and analyze the data in the EFS system as needed by the users. ▪ Provide needed functionality in order to expand the County's use of the EFS system in the future (by adding the "Corporate Performance Monitor" and the "Strategic Enterprise Management" modules.)

BOARD ADOPTED CHANGES

None.