

Project #	11-13-03	Project Title	ERP System Assessment & Planning
Department	Information Technology	Manager	Al Hawker
Phase	Planning/Design		
Budget Action	As Planned	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2013	2014	2015	2016	2017	Total
Project Phase	Planning/Design	Implementation	Implementation			Project
Expenditure Budget	150,000	1,650,000				1,800,000
Revenue Budget						0
Net County Cost	150,000	1,650,000	0	0	0	1,800,000
COST DOCUMENTATION				REVENUE		
Architech/Engineering		150,000			No alternative funding sources	-
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		-				-
Plans		-				-
Project Manager/Contractor		550,000				-
Site Preparation		-				-
Equipment		1,100,000				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		1,800,000			Total Revenue	-
Expenditure Budget		1,800,000			Revenue Budget	-

Project Scope & Description:

This project includes all stages of an Enterprise Resource Planning System implementation. This includes the selection of a consultant to help with the assessment process and contract management of system implementation. This would include an assessment of the existing county systems, the need and requirements for a system design, the Request for Proposal (RFP) development, vendor demonstrations, and the selection of a new system. This also includes ongoing contract management of the implementation of the system. The implementation of the system would include initial design and set-up, data conversion, and training. This system will include financial management, payroll & human resources management, benefits management, workers compensation management, asset management, grants management, procurement management, self-service modules (employee, vendors, citizens), along with others. The estimates provided are based on other similar implementations, but more reliable cost estimates would be available during the assessment and design phase. This project would be phased in over time.

Location:

County-wide

Analysis of Need:

An ERP system will assist in providing the county with a solution to integrate technology into improved workflow processes for managing information. This will in turn help make staff more productive and efficient and allow for information and reporting from a fully integrated database. This solution will also allow users, such as employees, citizens, and vendors, the ability to access or provide information utilizing updated technology. This system will allow for better workflow management helping to automate approval processes, improve internal controls, and allow for information for enhanced decision making. The need for improved technology resources was highlighted in the Procurement Audit provided by Baker Tilly Virchow Krause LLP in 2012.

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Alternatives:

Continue maintenance of existing AS400 system and re-program existing system. This process will be labor intensive and will take substantial staff resources to make timely improvements.

Ongoing Operation Costs:

There will be an ongoing maintenance cost to the system for updates and services. This would be allocated to departments through the budget process. The overall annual cost is estimated to be approximately \$70,000.

Previous Action:

Approved as new project in 2013-2018 plan. Design funded in 2013 capital budget.

2014-2019 Capital Plan: As planned.

Project #	11-14-01	Project Title	Fiber Optic Cable
Department	Information Technology	Manager	Al Hawker
Phase	Construction		
Budget Action	As Planned	Date	March 1, 2013

CAPITAL BUDGET SUMMARY						
Year	2014	2015	2016	2017	2018	Total
Project Phase	Construction					Total Project
Expenditure Budget	170,700					170,700
Revenue Budget						0
Net County Cost	170,700	0	0	0	0	170,700
COST DOCUMENTATION				REVENUE		
Architect/Engineering		-				-
Land		-				-
Land Improvements		-				-
Building		-				-
Building Improvements		-				-
Plans		-				-
Project Manager/Contractor		-				-
Site Preparation		-				-
Equipment		170,700				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		170,700				-
Expenditure Budget		170,700				170,700
					Total Revenue	-
					Revenue Budget	170,700

Project Scope & Description:

This project includes all stages of constructing a fiber optic cable connection between the County Annex and the County Highway department. The link is capable of providing up to 1 GB of data throughput. The route along County Highway R would provide for a potential connection to the Plover Municipal building if and when Plover should seek a high speed connection to shared County/Plover Law Enforcement services located at the Annex.

Location:

County-wide – Fiber optic cable will be extended to the Highway Facility.

Analysis of Need:

Currently, a fiber optic connection exists between the Highway department and the Material Recovery Facility. Data and voice services are supplied to them from the County Annex building via a T1 line which operates at 1.5 MB. To date, the T1 line capacity has been barely adequate for their needs but was the best cost effective alternative. Recently, the Sheriff's department obtained approval to move its Emergency 911 operation to the Highway Department building. As part of the new 911 system, a redundant server will be placed at that location and dispatch operations will be run from that building in some emergency situations. The passing of data between the 911 servers located at the Annex and the Highway building will tax the already overburdened T1 line. While some of the data transfers can be scheduled for off hours it's reasonable to assume that there will be an overall degradation of service to the two facilities as well as a severe degradation during emergency 911 activity. In addition, the IT department has looked at the Highway facility as a location for some of its redundant disaster recovery servers but has not been able to further that effort due to inadequate data transmission bandwidth. This link would provide the County with that opportunity.

Project #	11-14-01	Project Title	Fiber Optic Cable
Department	Information Technology	Manager	Al Hawker
Phase	Construction		
Budget Action	As Planned	Date	March 1, 2013

Alternatives:

Lease fiber through a third party. Other alternatives as suggested.

Ongoing Operation Costs:

Moving of the fiber due to road reconstruction, repairing cable breaks, and cable locating would be the responsibility of the County. Cost would be on a case by case basis.

Previous Action:

2014-2019 Capital Plan: Approved as new project.

Project #	11-16-01	Project Title	ERP Phase II Applications
Department	Information Technology	Manager	Al Hawker/Jennifer Jossie
Phase	Design		
Budget Action	New	Date	June 4, 2014

CAPITAL BUDGET SUMMARY						
Year	2015	2016	2017	2018	2019	Total
Project Phase	Concept	Design	Implementation			Project
Expenditure Budget		25,000	250,000			275,000
Revenue Budget						0
Net County Cost	0	25,000	250,000	0	0	275,000
COST DOCUMENTATION				REVENUE		
Architect/Engineering		-		State Grant		-
Land		-		User Fees		-
Land Improvements		-				-
Building		-				-
Building Improvements		-				-
Plans		-				-
Project Manager/Contractor		100,000				-
Site Preparation		-				-
Equipment		175,000				-
Furniture		-				-
Fixtures		-				-
Advertising/Legal Notices		-				-
Total Project Cost		275,000		Total Revenue		-
Expenditure Budget		275,000		Revenue Budget		275,000

Project Scope & Description:

This project encompasses the next phase of ERP implementation for ancillary systems outside the core ERP system created in Project #11-13-03. Phase II applications include such items as a tax system, a land description/records system, case management and third party billing systems, and other County applications as identified during the initial ERP implementation. These systems would be added at different times or as the need is identified and resources are available.

Location:

County-wide

Analysis of Need:

These additional computer applications will integrate with the new ERP technology and will enhance workflow processes and reporting functionality. The legacy system used by the County will become obsolete over time and solutions need to be identified to carry out these important County functions and processes.

Further support for such systems include:

- The need for improvements/enhancements to the tax system which would assist in implementing the recommendations from the Treasurer's Office Internal Audit Report. This system would also provide integration to the County's core financial system.
- The need for a case management and billing system for Health & Human Services that would meet the requirements for reporting and billing along with e-health records requirements by federal and state programs.

Project #	11-16-01	Project Title	ERP Phase II Applications
Department	Information Technology	Manager	Al Hawker/Jennifer Jossie
Phase	Design		
Budget Action	New	Date	June 4, 2014

Alternatives:

Continue maintenance of existing legacy AS400 system and maintenance along with significant reprogramming which would take substantial staff resources.

Ongoing Operation Costs:

There will be ongoing maintenance costs with any computer application that is chosen for updates and services. This would be allocated to departments through the budget process.

Previous Action: