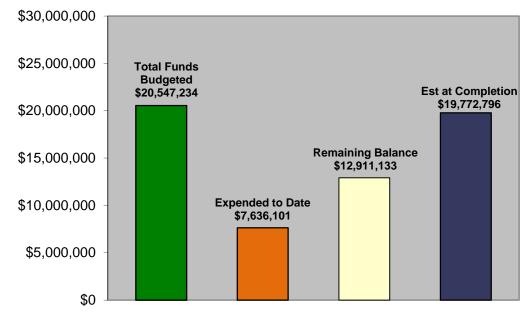# County of Orange ~ Information Technology
Quarterly IT Project Status Report Detail
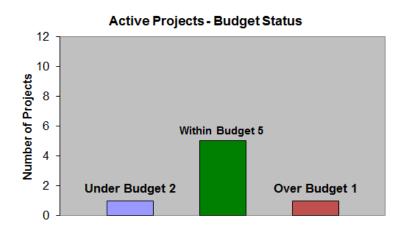# Fiscal Year 2012-13, 4th Quarter

Executive Summary

The Quarterly IT Project Status Report Detail provides an inventory of all County IT projects with a value of $150,000 or more during the 4th quarter reporting period of April 1 – June 30, 2013.   The report includes a high-level summary of the budget and schedule status, as well as a project listing with key accomplishments and status comments.
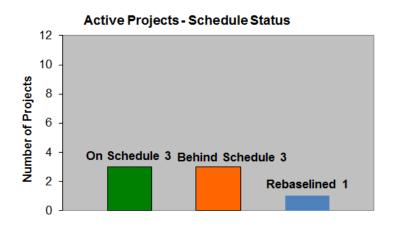
IT Projects	Budgeted Funds	Expended to Date	Remaining Balance	Estimated at Completion	Within or Under Budget	Over Budget	Rebaselined Budget	On or Ahead of Schedule	Behind Schedule	Rebaselined Schedule
7 Active	$19,162,034	$6,993,391	$12,168,643	$18,571,495	6	1	-	3	3	1
2 Completed	$785,200	$601,301	$183,899	$601,301	-	-	-	-	-	-
2 Future	$600,000	$41,409	$558,591	$600,000	-	-	-	-	-	-
11 Total Projects	$20,547,234	$7,636,101	$12,911,133	$19,772,796	6	1	-	3	3	1
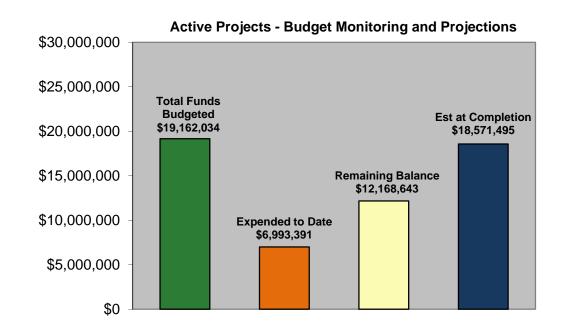
Total Projects - Budget Monitoring and Projections

7 Active Projects - Budget and Schedule Summary

Active Projects - Budget Status

Number of Projects

Under Budget 2
Within Budget 5
Over Budget 1

Active Projects - Schedule Status

Number of Projects

On Schedule 3
Behind Schedule 3
Rebaselined 1

Active Projects - Budget Monitoring and Projections

Total Funds Budgeted $19,162,034
Expended to Date $6,993,391
Remaining Balance $12,168,643
Est at Completion $18,571,495

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*Status Code	Budget Status (B):	0 – Under Budget	1 – Within Budget	2 – Over Budget	3 – Rebaselined Budget (approved project/budget change)
	Schedule Status (S):	0 – Ahead Schedule	1 – On Schedule	2 – Behind Schedule	3 – Rebaselined Schedule

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget / Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule / Actual Schedule	BUILD Original Schedule / Actual Schedule
					ACTIVE PROJECTS – CEO CATEGORY					
1	CEO **Project Manager: Jim Mata**	**Countywide Identity Management – Phase I & Phase II (OCid)** Note: Budget & scope for Phase II was added to Phase I and will be reported jointly	2/2	038 – Data Sys	$728,030 $849,634	$786,127	$63,507	$849,634	July 2011 – Dec 2011 July 2011 – Dec 2011	Jan 2012 – Jun 2013 Jan 2012 – Dec 2013

Description: Phase I - This project deploys an efficient enterprise approach to the management of County users and their access to County IT systems and applications. The project leverages user self-service workflows to establish/manage unique identities for all County workforce members so that they can login to both County and non-County systems and applications with fewer usernames and passwords, while also ensuring County has accurate contact information and meets new regulatory compliance requirements. This phase includes implementation of the new Identity Management platform and application, HR database synchronization, roll-out to several Agencies, and the establishment of specifications for Agencies to integrate their internal applications.

Phase II – This extends the accomplishments of Phase I to expand the scope of application integrations to the Identity Management directory and provide new single sign-on capabilities. It also enhances the ability for County IT to control user access to County systems, meet Security compliance requirements and reduces the amount of support required for password resets and other user account management.

Schedule Phase: Build Schedule – Executing/Controlling

Key Accomplishments: Phase I—Migration of County Agencies to the new OCid directory service was successfully completed in February. However, due to ongoing technical challenges with synchronizing data between the Identity Management system and other key County data sources, it was necessary for the project team to reassess the current approach that was in use. This resulted in a decision to re-design synchronization to meet project quality goals and County expectations for the new Identity system. This quarter has focused mainly on implementing and testing the new directory synchronization design, which is still in progress.

Phase II—Integration of key applications with OCid is also in progress, but completion of these is dependent on optimizing the directory synchronization process mentioned above. Integration of the Juvenile Information Portal has had several technical setbacks and delays that the team is working to resolve.

Schedule/Budget Note: The project is meeting the revised budget. There have been several technical challenges with this solution that have caused the schedule to slip. The completion date is being moved to December 2013.

*Status Code — Budget Status (B): 0 – Under Budget 1 – Within Budget 2 – Over Budget 3 – Rebaselined Budget (approved project/budget change) Schedule Status (S): 0 – Ahead Schedule 1 – On Schedule 2 – Behind Schedule 3 – Rebaselined Schedule

Page 3 of 10

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule Actual Schedule	BUILD Original Schedule Actual Schedule
					ACTIVE PROJECTS – CEO CATEGORY					
2	CEO Project Manager: Lynne Halverson	Enterprise SharePoint Portal Design and Implementation	1/3	038 – Data Sys	$497,730 $497,730	$497,730	$0	$497,730	Jul 2012 – Sep 2012 Sep 2012 – Aug 2013	Sep 2013 – Dec 2013

Description: Design and implementation of an Enterprise SharePoint Portal (Employee Collaboration). Requires build of SharePoint technical solution by the technical solution provider as foundation for Enterprise SharePoint availability Countywide. This project also includes the redesign of the existing County Intranet ("blue screen"); enabling of baseline taxonomy, governance and standard SharePoint features; and establishing SharePoint Administration and Operation & Maintenance protocols.

Schedule Phase: Design Schedule – Executing/Controlling

Key Accomplishments: In May 2013, CEO/IT provided a detailed Scope of Work (SOW) to the Scope 1 IT Sourcing vendor (SAIC) for its use in pricing an Enterprise SharePoint solution. SAIC will be working with Perficient, a local SharePoint integrator, to design and build the County's SharePoint environment, which will be maintained at the County Data Center. Completion of the Design phase and the launch of the Build phase are dependent on the formal start date for the SAIC engagement.

In preparation for working with SAIC/Perficient, the County SharePoint Business Solutions Team (BST) has continued to move forward on critical site design issues, including branding, naming, color palettes, wireframes, and other areas that will affect user experience. In addition, CEO/IT has worked extensively with key content owners, including representatives from HRS, Procurement, and the County Training Consortium. By engaging these stakeholders early in the design process, CEO/IT will be able to facilitate a successful user adoption strategy that includes the availability of appropriate, useful content at the launch of the redesigned Intranet. This strategy will increase the likelihood of repeat site visits by staff countywide.

Schedule/Budget Note: The Design phase was to have ended in June 2013 but is being rebaselined to August 2013 due to a dependency on the IT Sourcing vendor (SAIC) engagement start date. 038 funds approved for FY 2012-13 were encumbered as of June 30, 2013 to ensure funding availability during the solution Design and Build phases. Additional 038 funds that had been approved during the ISR process for FY 2013-14 were rescinded due to countywide budget cuts. As a result, certain features/functionality will likely be deferred until FY 2014-15 or beyond. The loss of additional funding has also eliminated any budget for training or adoption resources. CEO/IT intends to identify alternate strategies to address this critical area of deployment.

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*Status Code	Budget Status (B):	0 – Under Budget	1 – Within Budget	2 – Over Budget	3 – Rebaselined Budget (approved project/budget change)	
	Schedule Status (S):	0 – Ahead Schedule	1 – On Schedule	2 – Behind Schedule	3 – Rebaselined Schedule	

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget / Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule / Actual Schedule	BUILD Original Schedule / Actual Schedule
					ACTIVE PROJECTS – CEO CATEGORY					
3	CEO **Project Manager: Mitch Tevlin**	**BRASS Performance Budgeting Upgrade**	1/1	Fund 279 – OCWR (to be repaid by the General Fund)	$1,700,000 $1,700,000	$1,129,431	$570,569	$1,156,056	Jun 2013 – Sep 2013 Jun 2013 – Sep 2013	Sep 2013 – Dec 2013 Sep 2013 – Feb 2014

Description:	Upgrade the existing Countywide budgeting information system, BRASS, to Performance Budgeting (PB). BRASS has been utilized for preparing County Budgets and Strategic Financial Plans since 2002. This upgrade includes best in breed software and state of the art hardware that will provide the foundation for Countywide budgeting for the next ten years.
Schedule Phase:	Design Schedule – Planning
Key Accomplishments:	During this quarter, the software upgrade contract was signed by both CGI and the County. Hardware was ordered in June and the team is currently working with CEO/IT to establish the new platform.
Schedule/Budget Note:	Project is on schedule and on budget. A detailed Risk Assessment will be performed by the CEO/IT Progran Management Office next quarter.

CEO Category Total:	**Original Budget**		$2,925,760				
	Actual Budget		$3,047,364	$2,413,288	$634,076	$2,503,420	

*Status Code   Budget Status (B):   0 – Under Budget   1 – Within Budget   2 – Over Budget   3 – Rebaselined Budget (approved project/budget change)

              Schedule Status (S):   0 – Ahead Schedule   1 – On Schedule   2 – Behind Schedule   3 – Rebaselined Schedule   Page 5 of 10

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget / Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule / Actual Schedule	BUILD Original Schedule / Actual Schedule
				ACTIVE PROJECTS – AGENCY/DEPARTMENT CATEGORY						
4	Health Care Agency **Project Manager: John Crane**	**Correctional Health Assessment Records and Tracking (CHART) System Replacement**	1/1	Realign-ment Reserves	$3,000,000 $2,724,000	$ 332,190	$2,391,810	$2,724,000	Jul 2011 – Jun 2012 Jul 2011 – Dec 2012	Feb 2013 – Dec 2013 Feb 2013 – Dec 2013

Description:	The current Correctional Health Assessment Records and Tracking (CHART) system for the adult and juvenile jails is over 10 years old and is written in an outdated programming language. In an attempt to fully digitize and modernize healthcare at the jail, the Health Care Agency (HCA) has embarked on a multi-year project to replace the CHART system with a comprehensive Electronic Health Record system (EHR). This project will include a requirements analysis, solicitation process and the selection of a vendor to implement the system which will assist in providing better continuity of care for inmates housed at the Orange County Jails and Juvenile Halls.
Schedule Phase:	Build Schedule – Executing/Controlling
Key Accomplishments:	During this quarter the team defined the Adult workflow and form requirements. Significant work was also performed with the development of the required interfaces; including the Sheriff's AJS system and the Juvenile Justice System.
Schedule/Budget Note:	A couple of milestones have taken longer than originally estimated; however, these have not impacted the expected project completion. Budget is on target. **[See the detailed Risk Assessment Report for this project]**

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget / Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule / Actual Schedule	BUILD Original Schedule / Actual Schedule
5	Health Care Agency **Project Manager: Adil Siddiqui**	**Behavioral Health Services Electronic Health Records – Phase 1 of 3**	1/1	MHS Act Prop 63-84%; State-8% Federal-2% Fees/Licenses/Other-4% NCC- 2%	$12,312,194 $12,312,194	$ 3,301,273	$9,010,921	$12,312,194	Jan 2009 – Sep 2012 Jan 2009 – Sep 2012	Oct 2012 – June 2014 Oct 2012 – June 2014

Description:	The overall objective of the EHR project is to develop and implement a completely integrated and interoperable Electronic Health Records (EHR) system for Behavioral Health Services. The system will allow Behavioral Health Services to transition from a paper-based clinical documentation management system to an electronic system. Development and implementation will occur in 3 phases, and is expected to complete in 2016. Phase 1 is expected to end in the first quarter of 2014, and includes primarily additional Cerner-based solutions and services, equipment, software and services that will follow the County's bid process. The EHR system includes all functional requirements developed by the Agency and will comply with all state and federal requirements and guidelines including HITECH Meaningful Use, HIPAA, and Privacy and Security. The cost for all 3 phases is budgeted at $22,902,863.
Schedule Phase:	Build – Executing/Controlling
Key Accomplishments:	During this quarter, the Design Review event at the Vendor's site was conducted. This included detailed discussions on requirements as well as review of demonstrated functionality that supports the requirements. Internal discussions and finalization of clinical workflows, business rules, and form contents is occurring as planned with technical and clinical work teams, and the deliverables are being achieved within planned timelines.

The custom software enhancements are also in progress by Cerner. Internal and vendor-shared discussions around features, workflows, application behavior and functionality are occurring on a weekly basis. Cerner and HCA also performed significant work on disaster recovery and this upcoming milestone appears to be on schedule as well. |
| Schedule/Budget Note: | Project is on schedule and budget. **[See the detailed Risk Assessment Report for this project]** |

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget / Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule / Actual Schedule	BUILD Original Schedule / Actual Schedule
					ACTIVE PROJECTS – AGENCY/DEPARTMENT CATEGORY					
6	OCPW **Project Manager: Sheila Carter**	**Computerized Asset Management and Maintenance Software**	1/2	Road/ Flood, CUF, FacOps, Real Estate	$578,476 <u>$578,476</u>	$493,235	$85,241	$578,476	Jul 2010 – Sep 2010 <u>Jul 2010 – Sep 2010</u>	Oct 2010 – Dec 2011 <u>Sep 2011 – July 2014</u>

Description: OC Public Works utilizes an automated asset and work management system called MaintStar. This project will upgrade and enhance the capabilities of the existing system in the Operation & Maintenance Section. Additionally, it will provide the Facilities Operations and Real Estate Sections automated functionality to further streamline operational processes such as asset management, preventative maintenance, work planning, work order and request processing and field operations. This project is scheduled for implementation in three phases. At the completion of all phases, OC Public Works will have improved technical capability to provide the CEO and BOS access to system information and reports.

Schedule Phase: Build Schedule - Executing/Controlling

Key Accomplishments: The Facilities Operations pilot was launched in April 2013. Environmental Control, Facilities Operations Administration and Carpentry units are using the system and entering all work order information. By inputting invoice and packing slip information, these units are able to monitor and avoid contract overruns. OCPW IT has resolved several critical issues by creating a custom front-end and by adding triggers to the databases.

Schedule/Budget Note: The project completion date is dependent upon the continued success of the Facility Operations pilot. The project is within budget.

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget / Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule / Actual Schedule	BUILD Original Schedule / Actual Schedule
7	OC Waste & Recycling **Project Manager: Jeff Welch**	**Disposal Reporting Web Site**	0/2	AB 939 Funds	$500,000 <u>$500,000</u>	$453,405	$46,595	$453,405	Jul 2010 – Dec 2010 <u>Jul 2010 – Apr 2011</u>	May 2011 – Dec 2012 <u>May 2011 – Jul 2013</u>

Description: The Disposal Reporting System Web site upgrade will provide functional and business standards that facilitate the management and reporting of electronic data. Data is received electronically from landfill fee booths and from customers (waste haulers and jurisdictions). Reports are defined by both Statewide standards and standards created by OC Waste & Recycling. These reports will be created, executed, and authenticated electronically and then delivered to or retrieved by public and private sector users from the website.

Schedule Phase: Build Schedule – User Training

Key Accomplishments: The contractor, OCWR's networking staff and the Data Center team has resolved security issues that were discovered during the testing period. The training of haulers and city staff has resume and will last through July.

Schedule/Budget Note: Project is under budget and on target to meet revised completion date.

	Agency/Department Category Total: Original Budget				**$16,390,670**					
	Actual Budget				**$16,114,670**	**$4,580,103**	**$11,534,567**	**$16,068,075**		
	All Active Project Categories as of 06/30/2013									
	Active Project Grand Total Original Budget				**$19,316,430**					
	Actual Budget				**$19,162,034**	**$6,993,391**	**$12,168,643**	**$18,571,495**		

*Status Code | Budget Status (B): | 0 – Under Budget | 1 – Within Budget | 2 – Over Budget | 3 – Rebaselined Budget (approved project/budget change)
| Schedule Status (S): | 0 – Ahead Schedule | 1 – On Schedule | 2 – Behind Schedule | 3 – Rebaselined Schedule

Page 7 of 10

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Actual Cost at Completion	DESIGN Original Schedule Actual Schedule	BUILD Original Schedule Actual Schedule
					COMPLETED PROJECTS					
8	CEO **Project Manager: John Quijada**	**Refresh of VM Infrastructure**	0/0	289 IT/ISF	$551,600 $551,600	$367,701	$183,899	$367,701	Nov 2011 – May 2012 Nov 2011 – Dec 2012	Jan 2013 – Sep 2013 Jan 2013 – Jul 2013

Description: The virtual server environment is a critical component of Data Center services and its reliability and stability are paramount to ensuring Agencies have access to critical systems. In FY 2011-2012, two-thirds of the servers in the infrastructure will be five years old. This is the industry standard end-of-life timeframe for most hardware, especially hardware that is in use 24/7. In addition, the version of VM Ware in use is no longer supported by the manufacturer. CEO/IT is recommending a refresh of the virtual servers to upgrade the platform and servers.

Schedule Phase: Build Schedule - Completed

Key Accomplishments: CEO/ IT has successfully configured and deployed the hardware and software of the new CISCO UCS virtual server environment. As of July 9, 2013, all existing Virtual Server instances were migrated from the old Virtual Server platform to the new Cisco UCS platform.

Schedule/Budget Note: The project completed ahead of the original scheduled date and under budget.

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Actual Cost at Completion	DESIGN Original Schedule Actual Schedule	BUILD Original Schedule Actual Schedule
9	OC Waste & Recycling **Project Manager: Jeff Welch**	**Accounts Receivable Replacement**	0/2	Fund 299	$450,000 $233,600	$233,600	$0	$233,600	Jul 2010 – Jan 2011 Jul 2010 – Apr 2011	May 2011 – Jun 2012 May 2011 – May 2013

Description: OC Waste & Recycling (OCWR) has a business need to replace its outdated Accounts Receivable application with an integrated Landfill Accounting software package. An RFP will be issued to replace the existing software.

Schedule Phase: Build Schedule – Completed

Key Accomplishments: The Accounts Receivable Module was completed on 6/1/2013.

Schedule/Budget Note: Project was completed under budget.

	Completed Projects Total Original Budget				$1,001,600					
	Actual Budget				$785,200	$601,301	$183,899	$601,301		

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget Actual Budget	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule Actual Schedule	BUILD Original Schedule Actual Schedule
					FUTURE PROJECTS					
10	Assessor	**LAN Infrastructure Refresh**	ON HOLD	002 - Assessor	$200,000	$ -	$200,000	$200,000	Jan 2012 – May 2012	Aug 2012 – Nov 2012
										PROJECT IS ON HOLD
	Description:	This project will upgrade and provide redundancy to the Assessor Department's internal network. The core network components are almost 10 years old and there is no redundancy. The upgrade is required to ensure appropriate redundancy within the local area network (LAN).								
	Schedule Phase:	PROJECT IS ON HOLD.								
	Key Accomplishments:	At the request of the CIO, this project is delayed pending network refresh considerations that will be addressed by the new IT Managed Service contract vendor.								
	Schedule/Budget Note:	Project is on "HOLD" status. There have been no expenditures to date.								
11	CEO	**CAPS+ DR Solution**	ON HOLD	038 – Data Sys	$400,000	$41,409	$358,591	$400,000	Jul 2012 – Jun 2013	TBD
	Description:	CEO/IT was chartered by the CEO and Board of Supervisors to maintain a Disaster Recovery Program to restore critical County IT assets following a disaster. In FY10-11 the Board approved funding for the DR Program, which included scope for the ongoing operations & maintenance of the DR solutions deployed in the previous year, and to establish DR capabilities for both the CAPS+ Finance and CAPS+ HR/Payroll systems. Due to changes in the CAPS+ HR/Payroll project schedule, system and capacity requirements needed to size a DR solution; it was not completed in FY 10-11. This project was moved to FY 11-12 since both the CAPS+ Finance and HR/Payroll systems are in production and a DR solution can be properly designed and implemented.								
	Schedule Phase:	PROJECT IS ON HOLD.								
	Key Accomplishments:	CEO/IT received a proposal and pricing from the Scope I IT Sourcing vendor (SAIC) for the CAPS+ disaster recovery (DR) solution in January 2013. The CAPS Steering Committee (CSC) met in January to review and vote on the proposal. Based on the pricing estimates and solution summary provided by the vendor, the CSC voted to approve the proposal and pricing for inclusion in the County's Scope I IT Sourcing contract negotiations. A timeline and project plan for implementation of the CAPS+ DR solution will be developed once the IT Sourcing Scope I contract has been approved by the Board of Supervisors and the formal vendor engagement has begun.								
	Schedule/Budget Note:	PROJECT IS ON HOLD.								
	Future Projects Total Original Budget				**$600,000**					
	Actual Budget				**$600,000**	**$41,409**	**$558,591**	**$600,000**		
	All Active, Closed & Future IT Projects as of 06/30/2013									
	Grand Total Original Budget				**$20,918,030**					
	Actual Budget				**$20,547,234**	**$7,636,101**	**$12,911,133**	**$19,772,796**		

#	Department	Project Name	Status B / S *	Funding Source	Original Approved Budget **Actual Budget**	Expended/ Encumbered Funds to Date	Remaining Balance	Estimated Cost at Completion	DESIGN Original Schedule **Actual Schedule**	BUILD Original Schedule **Actual Schedule**
					CANCELLED PROJECTS					
	Clerk-Recorder **Project Manager: TBD**	**Auto Indexing Software**	1/2	059 C-R	$ -	$ -	$ -	$ -		

Description:	This software will assist with automatic indexing of recordable documents and redaction of social security numbers on newly recorded documents.
Schedule Phase:	CANCELLED
Key Accomplishments:	The original RFP that was issued was lacking sufficient detail so the proposals received were returned. The RFP was re-issued in September 2012. Vendor proposal evaluations were completed in January 2013. No award was made due to inconsistencies with the vendors' pricing. This project is being cancelled. The Clerk-Recorder is currently considering combining this project with a SSN redaction project and re-issuing an RFP to obtain better pricing.
Schedule/Budget Note:	The Clerk-Recorder made a decision to cancel this project.

*Status Code   Budget Status   (B):   0 – Under Budget   1 – Within Budget   2 – Over Budget   3 – Rebaselined Budget (approved project/budget change)

              Schedule Status (S):   0 – Ahead Schedule   1 – On Schedule   2 – Behind Schedule   3 – Rebaselined Schedule   Page 10 of 10